

Name	SpecCode	Class	Order	Family	SpawnInterval	AnaCat	Migratory	ParentalCare	Major	MyPhyla	IUCN_Code	IUCN2	FBname
Abramis brama	268	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	0	0	Cypriniformes	NL	0	Carp bream
Abramis sapa	23045	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	0	0	Cypriniformes	NL	0	White-eye bream
Acantholingua ohridana	46506	Osteichthyes	Salmoniformes	Salmonidae	1	non-migratory	non-migratory	1	1	Salmoniformes	VU	2	
Acanthopagrus australis	8109	Osteichthyes	Perciformes	Sparidae	1	amphidromous	migratory	0	1	Perciformes	NL	0	Surf bream
Acanthopagrus butcheri	14601	Osteichthyes	Perciformes	Sparidae	1	amphidromous	migratory	0	1	Perciformes	NL	0	Southern blackfish
Acipenser baerii baerii	4683	Chondrichthyes	Acipenseriformes	Acipenseridae	5	anadromous	migratory	0	1	Acipenseriformes	EN	3	Siberian sturgeon
Acipenser baerii baicalensis	26451	Chondrichthyes	Acipenseriformes	Acipenseridae	5	anadromous	migratory	0	1	Acipenseriformes	EN	3	Baikal sturgeon
Acipenser brevirostrum	2590	Chondrichthyes	Acipenseriformes	Acipenseridae	4	amphidromous	migratory	0	1	Acipenseriformes	VU	2	Shortnose sturgeon
Acipenser fulvescens	2591	Chondrichthyes	Acipenseriformes	Acipenseridae	4	potamodromous	migratory	0	1	Acipenseriformes	VU	2	Lake sturgeon
Acipenser gueldenstaedtii	4712	Chondrichthyes	Acipenseriformes	Acipenseridae	5	anadromous	migratory	0	1	Acipenseriformes	EN	3	Russian sturgeon
Acipenser medirostris	2592	Chondrichthyes	Acipenseriformes	Acipenseridae	5	anadromous	migratory	0	1	Acipenseriformes	VU	2	Green sturgeon
Acipenser nudiventris	2505	Chondrichthyes	Acipenseriformes	Acipenseridae	2.5	anadromous	migratory	0	1	Acipenseriformes	EN	3	Fringebarbel sturgeon
Acipenser oxyrinchus desotoi	26462	Chondrichthyes	Acipenseriformes	Acipenseridae	3	amphidromous	migratory	0	1	Acipenseriformes	VU	2	Gulf sturgeon
Acipenser oxyrinchus oxyrinchus	2593	Chondrichthyes	Acipenseriformes	Acipenseridae	4	anadromous	migratory	0	1	Acipenseriformes	LR/nt	1	Atlantic sturgeon
Acipenser persicus	9763	Chondrichthyes	Acipenseriformes	Acipenseridae	5	potamodromous	migratory	0	1	Acipenseriformes	EN	3	Persian sturgeon
Acipenser schrenckii	6085	Chondrichthyes	Acipenseriformes	Acipenseridae	4	limnodromous	migratory	1	1	Acipenseriformes	EN	3	Amur sturgeon
Acipenser stellatus	2065	Chondrichthyes	Acipenseriformes	Acipenseridae	3.5	anadromous	migratory	0	1	Acipenseriformes	EN	3	Stary sturgeon
Acipenser transmontanus	2594	Chondrichthyes	Acipenseriformes	Acipenseridae	5	anadromous	migratory	0	1	Acipenseriformes	EN	3	White sturgeon
Alopias pelagicus	5891	Chondrichthyes	Lamniformes	Alopiidae	1	oceanodromous	migratory	6	1	Sharks	NL	0	Pelagic thresher
Alopias vulpinus	2535	Chondrichthyes	Lamniformes	Alopiidae	1	oceanodromous	migratory	6	1	Sharks	DD	-1	Thintail thresher
Alosa brashnikovi	1576	Osteichthyes	Clupeiformes	Clupeidae	1	potamodromous	migratory	0	1	Clupeiformes	NL	0	Caspian marine
Alosa pseudoharengus	1583	Osteichthyes	Clupeiformes	Clupeidae	1	anadromous	migratory	1	1	Clupeiformes	NL	0	Alewife
Alosa sapidissima	1584	Osteichthyes	Clupeiformes	Clupeidae	1	anadromous	migratory	1	1	Clupeiformes	NL	0	American shad
Ambloplites rupestris	3361	Osteichthyes	Perciformes	Centrarchidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	Rock bass
Amblyopsis rosae	3058	Osteichthyes	Percopsiformes	Amblyopsidae	5	non-migratory	non-migratory	4	1	Percopsiformes	VU	2	Ozark cavefish
Amblyopsis spelaea	3059	Osteichthyes	Percopsiformes	Amblyopsidae	1	non-migratory	non-migratory	4	1	Percopsiformes	VU	2	Northern cavefish
Amia calva	2600	Osteichthyes	Amiiformes	Amiidae	1	non-migratory	non-migratory	3	1	Amiiformes	NL	0	Bowfin
Ammodytes americanus	WR249	Osteichthyes	Perciformes	Ammodytidae	1	non-migratory	non-migratory	0	0	Perciformes	NL	0	
Ammodytes dubius	WR251	Osteichthyes	Perciformes	Ammodytidae	1	non-migratory	non-migratory	0	0	Perciformes	NL	0	
Ancharius brevibarbis	9646	Osteichthyes	Siluriformes	Ariidae	1	amphidromous	migratory	2	1	Siluriformes	DD	-1	
Anchoa mitchilli	545	Osteichthyes	Clupeiformes	Engraulidae	0.005	migratory	migratory	0	1	Clupeiformes	NL	0	Bay anchovy
Aphanius iberus	4876	Osteichthyes	Cyprinodontiformes	Cyprinodontidae	0.333	non-migratory	non-migratory	1	1	Cyprinodontiformes	DD	-1	Spanish toothcarp
Aphredoreus sayanus	WR194	Osteichthyes	Percopsiformes	Aphredoderidae	1	non-migratory	non-migratory	4	1	Percopsiformes	NL	0	
Aplodinotus grunniens	WR263	Osteichthyes	Perciformes	Sciaenidae	1	non-migratory	non-migratory	0	0	Perciformes	NL	0	
Apogon lineatus	8231	Osteichthyes	Perciformes	Apogonidae	1	non-migratory	non-migratory	4	1	Perciformes	NL	0	Indian perch
Arius felis	WR160	Osteichthyes	Siluriformes	Ariidae	1	non-migratory	non-migratory	4	1	Siluriformes	NL	0	
Arnoglossus imperialis	42	Osteichthyes	Pleuronectiformes	Bothidae	1	non-migratory	non-migratory	0	0	Pleuronectiformes	NL	0	Imperial scaldfish
Arnoglossus laterna	41	Osteichthyes	Pleuronectiformes	Bothidae	1	non-migratory	non-migratory	0	0	Pleuronectiformes	NL	0	Scaldfish
Arnoglossus thori	43	Osteichthyes	Pleuronectiformes	Bothidae	1	non-migratory	non-migratory	0	0	Pleuronectiformes	NL	0	Thor's scaldfish
Arripis truttaceae	14606	Osteichthyes	Perciformes	Arripidae	1	oceanodromous	migratory	1	1		NL	0	Western Australian snapper
Aspitrigla obscura	AOB	Osteichthyes	Scorpaeniformes	Triglidae	1	non-migratory	non-migratory	0	0	Scorpaeniformes	NL	0	
Atherina boyeri	1696	Osteichthyes	Atheriniformes	Atherinidae	1	potamodromous	migratory	0	1	Atheriniformes	DD	-1	Big-scale sandfish
Atherina breviceps	1301	Osteichthyes	Atheriniformes	Atherinidae	1	non-migratory	non-migratory	0	0	Atheriniformes	NL	0	Cape silverside
Atlantoraja cyclophora	7609	Chondrichthyes	Rajiformes	Rajidae	1	non-migratory	non-migratory	0	0	Rajiformes	NL	0	Eyespot skate
Aulorhynchus flavidus	3270	Osteichthyes	Gasterosteiformes	Aulorhynchidae	1	non-migratory	non-migratory	3	1	Gasterosteiformes	NL	0	Tube-snout
Bagre marinus	WR162	Osteichthyes	Siluriformes	Ariidae	0.5	non-migratory	non-migratory	4	1	Siluriformes	NL	0	
Barbus barbatus	4472	Osteichthyes	Cypriniformes	Cyprinidae	1	potamodromous	migratory	1	1	Cypriniformes	NL	0	Barbel
Blennius fluviatilis	BFL	Osteichthyes	Perciformes	Blenniidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	
Blennius ocellaris	49	Osteichthyes	Perciformes	Blenniidae	1	non-migratory	non-migratory	4	1	Perciformes	NL	0	Butterfly blenny
Brachyrhaphis rhabdophora	46458	Osteichthyes	Cyprinodontiformes	Poeciliidae	0.08333	non-migratory	non-migratory	2	1	Cyprinodontiformes	NL	0	
Brevoortia patronus	1589	Osteichthyes	Clupeiformes	Clupeidae	1			0	0	Clupeiformes	NL	0	Gulf menhaden
Brevoortia tyrannus	1592	Osteichthyes	Clupeiformes	Clupeidae	0.5	oceanodromous	migratory	0	1	Clupeiformes	NL	0	Atlantic menhaden

<i>Bromophycis marginata</i>	3121	Osteichthyes	Ophidiiformes	Bythitidae	1			4	1	Ophidiiformes	NL	0	Red brotula
<i>Campostoma anomalum</i>	WR101	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	3	1	Cypriniformes	NL	0	
<i>Carcharhinus acronotus</i>	857	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	NL	0	Blacknose shark
<i>Carcharhinus amblyrhynchoides</i>	860	Chondrichthyes	Carcharhiniformes	Carcharhinidae	1			6	1	Sharks	LR/nt	1	Graceful shark
<i>Carcharhinus brachyurus</i>	864	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	NL	0	Copper shark
<i>Carcharhinus brevipinna</i>	865	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	VU	2	Spinner shark
<i>Carcharhinus cautus</i>	866	Chondrichthyes	Carcharhiniformes	Carcharhinidae	1	non-migratory	non-migratory	6	1	Sharks	NL	0	Nervous shark
<i>Carcharhinus falciformis</i>	868	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	NL	0	Silky shark
<i>Carcharhinus isodon</i>	872	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	non-migratory	non-migratory	8	1	Sharks	NL	0	Finetooth shark
<i>Carcharhinus leucas</i>	873	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	LR/nt	1	Bull shark
<i>Carcharhinus limbatus</i>	874	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	VU	2	Blacktip shark
<i>Carcharhinus longimanus</i>	875	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	LR/nt	1	Oceanic whitetip
<i>Carcharhinus obscurus</i>	878	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	VU	2	Dusky shark
<i>Carcharhinus perezi</i>	879	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	NL	0	Caribbean reef shark
<i>Carcharhinus plumbeus</i>	880	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	LR/cd	1	Sandbar shark
<i>Carcharhinus porosus</i>	881	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2			8	1	Sharks	NL	0	Smalltail shark
<i>Carcharhinus signatus</i>	883	Chondrichthyes	Carcharhiniformes	Carcharhinidae	1	migratory	migratory	6	1	Sharks	NL	0	Night shark
<i>Carcharhinus sorrah</i>	884	Chondrichthyes	Carcharhiniformes	Carcharhinidae	1			6	1	Sharks	NL	0	Spottail shark
<i>Carcharhinus tilstoni</i>	15721	Chondrichthyes	Carcharhiniformes	Carcharhinidae	1			6	1	Sharks	NL	0	Australian black shark
<i>Carcharias taurus</i>	747	Chondrichthyes	Lamniformes	Odontaspidae	2	oceanodromous	migratory	8	1	Sharks	VU	2	Sand tiger shark
<i>Carcharodon carcharias</i>	751	Chondrichthyes	Lamniformes	Lamnidae	2	oceanodromous	migratory	8	1	Sharks	VU	2	Great white shark
<i>Carpoides carpio</i>	WR138	Osteichthyes	Cypriniformes	Catostomidae	0.6667	non-migratory	non-migratory	0	0	Cypriniformes	NL	0	
<i>Catostomus catostomus catostomus</i>	2962	Osteichthyes	Cypriniformes	Catostomidae	1.25			1	1	Cypriniformes	NL	0	Longnose sucker
<i>Catostomus commersoni</i>	2965	Osteichthyes	Cypriniformes	Catostomidae	1			1	1	Cypriniformes	NL	0	White sucker
<i>Catostomus platyrhynchus</i>	WR144	Osteichthyes	Cypriniformes	Catostomidae	1	migratory	migratory	1	1	Cypriniformes	NL	0	
<i>Centrarchus macropterus</i>	3363	Osteichthyes	Perciformes	Centrarchidae	1			3	1	Perciformes	NL	0	Flier
<i>Centropomus undecimalis</i>	345	Osteichthyes	Perciformes	Centropomidae	1			0	0	Perciformes	NL	0	Common snook
<i>Centropristis striata</i>	361	Osteichthyes	Perciformes	Serranidae	1			0	0	Perciformes	NL	0	Black seabass
<i>Cepola rubescens</i>	CRU	Osteichthyes	Perciformes	Cepolidae	0.5	non-migratory	non-migratory	0	0	Perciformes	NL	0	
<i>Cetengraulis mysticetus</i>	548	Osteichthyes	Clupeiformes	Engraulidae	1	non-migratory	non-migratory	0	0	Clupeiformes	NL	0	Pacific anchovy
<i>Cetorhinus maximus</i>	90	Chondrichthyes	Lamniformes	Cetorhinidae	3	oceanodromous	migratory	8	1	Sharks	VU	2	Basking shark
<i>Channa argus argus</i>	4799	Osteichthyes	Perciformes	Channidae	1			3	1	Perciformes	NL	0	Snakehead
<i>Chanos chanos</i>	80	Osteichthyes	Gonorhynchiformes	Chanidae	2	amphidromous	migratory	0	1	Gonorhynchiformes	NL	0	Milkfish
<i>Chelidonicichthys gurnardus</i>	68	Osteichthyes	Scorpaeniformes	Triglidae	1			0	0	Scorpaeniformes	NL	0	Grey gurnard
<i>Chlorophthalmus agassizi</i>	1808	Osteichthyes	Aulopiformes	Chlorophthalmidae	1			3	1	Aulopiformes	NL	0	Shortnose greenling
<i>Chologaster cornuta</i>	3061	Osteichthyes	Percopsiformes	Amblyopsidae	1	non-migratory	non-migratory	3	1	Percopsiformes	NL	0	Swampfish
<i>Chondrostoma polylepis</i>	10431	Osteichthyes	Cypriniformes	Cyprinidae	0.5			1	1	Cypriniformes	NL	0	Iberian nase
<i>Chondrostoma toxostoma</i>	4477	Osteichthyes	Cypriniformes	Cyprinidae	1			1	1	Cypriniformes	NL	0	
<i>Clinostomus elongatus</i>	2746	Osteichthyes	Cypriniformes	Cyprinidae	0.5		non-migratory	1	1	Cypriniformes	NL	0	Redside dace
<i>Clupea harengus</i>	24	Osteichthyes	Clupeiformes	Clupeidae	0.333	oceanodromous	migratory	0	1	Clupeiformes	NL	0	Atlantic herring
<i>Cobitis paludica</i>	9960	Osteichthyes	Cypriniformes	Cobitidae	0.5			1	1	Cypriniformes	LR/nt	1	
<i>Coelorhynchus coelorhynchus</i>	CCO	Osteichthyes	Gadiformes	Macrouridae	0.333	non-migratory	non-migratory	0	0	Gadiformes	NL	0	
<i>Coregonus artedi</i>	235	Osteichthyes	Salmoniformes	Salmonidae	1	anadromous	migratory	0	1	Salmoniformes	NL	0	Cisco
<i>Coregonus clupeaformis</i>	234	Osteichthyes	Salmoniformes	Salmonidae	1	anadromous	migratory	0	1	Salmoniformes	NL	0	Lake whitefish
<i>Coregonus cylindraceum</i>	WR50	Osteichthyes	Salmoniformes	Salmonidae	1	migratory	migratory	0	1	Salmoniformes	NL	0	
<i>Coregonus hoyi</i>	2670	Osteichthyes	Salmoniformes	Salmonidae	1	non-migratory	non-migratory	0	0	Salmoniformes	VU	2	Bloater
<i>Corydoras aeneus</i>	7777	Osteichthyes	Siluriformes	Callichthyidae	0.333	non-migratory	non-migratory	1	1	Siluriformes	NL	0	Bronze corydoras
<i>Corynopoma riisei</i>	12349	Osteichthyes	Characiformes	Characidae	1	non-migratory	non-migratory	0	0	Characiformes	NL	0	Swordtail characin
<i>Coryphaena hippurus</i>	6	Osteichthyes	Perciformes	Coryphaenidae	0.333	oceanodromous	migratory	0	1	Perciformes	NL	0	Common dolphin
<i>Cottus aleuticus</i>	4061	Osteichthyes	Scorpaeniformes	Cottidae	0.5	catadromous	migratory	3	1	Scorpaeniformes	NL	0	Coastrange sculpin
<i>Cottus cognatus</i>	4068	Osteichthyes	Scorpaeniformes	Cottidae	1	non-migratory	non-migratory	3	1	Scorpaeniformes	NL	0	Slimy sculpin
<i>Cyclopterus lumpus</i>	62	Osteichthyes	Scorpaeniformes	Cyclopteridae	1	oceanodromous	migratory	3	1	Scorpaeniformes	NL	0	Lumpsucker

Cymatogaster aggregata	3626	Osteichthyes	Perciformes	Embiotocidae	1	non-migratory	non-migratory	8	1	Perciformes	NL	0	Shiner perch
Cynoscion nebulosus	WR265	Osteichthyes	Perciformes	Sciaenidae	1	migratory	migratory	0	1	Perciformes	NL	0	Spotted seatrou
Cynoscion regalis	WR267	Osteichthyes	Perciformes	Sciaenidae	1	non-migratory	non-migratory	0	0	Perciformes	NL	0	
Cyprinella spiloptera	WR105	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Cyprinus carpio carpio	1450	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	0	0	Cypriniformes	CR	4	Common carp
Dallia pectoralis	2705	Osteichthyes	Salmoniformes	Umbridae	0.5		migratory	3	1	Salmoniformes	NL	0	Alaska blackfish
Decapterus macrosoma	1938	Osteichthyes	Perciformes	Carangidae	1			0	0	Perciformes	NL	0	Shortfin scad
Decapterus russelli	374	Osteichthyes	Perciformes	Carangidae	1			0	0	Perciformes	NL	0	Indian scad
Dorosoma cepedianum	1604	Osteichthyes	Clupeiformes	Clupeidae	1	anadromous	migratory	0	1	Clupeiformes	NL	0	American gizzar
Dorosoma petenense	1606	Osteichthyes	Clupeiformes	Clupeidae	0.5	anadromous	migratory	0	1	Clupeiformes	NL	0	Threadfin shad
Elops saurus	175	Osteichthyes	Elopiformes	Elopidae	1	amphidromous	migratory	0	1	Elopiformes	NL	0	Ladyfish
Embiotoca lateralis	3629	Osteichthyes	Perciformes	Embiotocidae	1			8	1	Perciformes	NL	0	Striped seaperc
Engraulis encrasicolus	66	Osteichthyes	Clupeiformes	Engraulidae	0.05	oceanodromous	migratory	0	1	Clupeiformes	NL	0	European anchd
Engraulis mordax	1664	Osteichthyes	Clupeiformes	Engraulidae	0.05	migratory	migratory	0	1	Clupeiformes	NL	0	Californian anch
Epinephelus aeneus	426	Osteichthyes	Perciformes	Serranidae	1	oceanodromous	migratory	0	1	Perciformes	NL	0	White grouper
Epinephelus costae	9224	Osteichthyes	Perciformes	Serranidae	1	migratory	migratory	0	1	Perciformes	NL	0	Goldblotch grou
Epinephelus marginatus	6470	Osteichthyes	Perciformes	Serranidae	1	migratory	migratory	0	1	Perciformes	LR/nt	1	Dusky grouper
Epinephelus morio	17	Osteichthyes	Perciformes	Serranidae	1	non-migratory	non-migratory	0	0	Perciformes	NL	0	Red grouper
Epinephelus striatus	18	Osteichthyes	Perciformes	Serranidae	1	non-migratory	non-migratory	0	0	Perciformes	EN	3	Nassau grouper
Erismyza sucetta	2987	Osteichthyes	Cypriniformes	Catostomidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	Lake chubsucke
Esox americanus americanus	2709	Osteichthyes	Esociformes	Esocidae	0.5	anadromous	migratory	1	1	Esociformes	NL	0	Redfin pickerel
Esox lucius	258	Osteichthyes	Esociformes	Esocidae	1	non-migratory	non-migratory	1	1	Esociformes	NL	0	Northern pike
Esox masquinongy	WR97	Osteichthyes	Esociformes	Esocidae	1	non-migratory	non-migratory	0	0	Esociformes	NL	0	
Esox niger	2712	Osteichthyes	Esociformes	Esocidae	0.5	non-migratory	migratory	1	1	Esociformes	NL	0	Chain pickerel
Etheostoma blennioides	WR333	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	1	1	Perciformes	NL	0	
Etheostoma caeruleum	3405	Osteichthyes	Perciformes	Percidae	1			1	1	Perciformes	NL	0	Rainbow darter
Etheostoma exile	WR337	Osteichthyes	Perciformes	Percidae	1	migratory	migratory	1	1	Perciformes	NL	0	
Etheostoma fleballare	WR339	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	
Etheostoma juliae	WR341	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	
Etheostoma lepidum	WR343	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	1	1	Perciformes	NL	0	
Etheostoma nigrum	WR345	Osteichthyes	Perciformes	Percidae	0.5	non-migratory	non-migratory	3	1	Perciformes	NL	0	
Etheostoma okaloosae	3448	Osteichthyes	Perciformes	Percidae	0.5	non-migratory	non-migratory	3	1	Perciformes	EN	3	Okaloosa darter
Etheostoma olmestedi	WR347	Osteichthyes	Perciformes	Percidae	0.5	non-migratory	non-migratory	3	1	Perciformes	NL	0	
Etheostoma rafinesquei	YJ1	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory		0	Perciformes	NL	0	
Etheostoma rubrum	3459	Osteichthyes	Perciformes	Percidae	0.5	non-migratory	non-migratory	3	1	Perciformes	LR/nt	1	Bayou darter
Etheostoma spectabile	WR349	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	1	1	Perciformes	NL	0	
Etheostoma variatum	WR351	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	1	1	Perciformes	NL	0	
Etheostoma zonale	WR353	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	
Etmopterus baxteri	54017	Chondrichthyes	Squaliformes	Dalatiidae	1			6	1	Sharks	NL	0	New Zealand la
Etmopterus bigelowi	25482	Chondrichthyes	Squaliformes	Dalatiidae	1			6	1	Sharks	NL	0	Blurred smooth
Etmopterus brachyurus	675	Chondrichthyes	Squaliformes	Dalatiidae	1			6	1	Sharks	NL	0	Shorttail lantern
Etmopterus bullisi	676	Chondrichthyes	Squaliformes	Dalatiidae	1			6	1	Sharks	NL	0	Lined lanternsh
Etmopterus carteri	50208	Chondrichthyes	Squaliformes	Dalatiidae	1			6	1	Sharks	NL	0	Cylindrical lante
Eusphyra blochii	908	Chondrichthyes	Carcharhiniformes	Sphyrnidae	1			6	1	Sharks	NL	0	Winghead shark
Fundulus diaphanus	WR222, 3190	Osteichthyes	Cyprinodontiformes	Fundulidae	0.25	non-migratory	non-migratory	1	1	Cyprinodontiforr	NL	0	Banded killifish
Fundulus heteroclitus	WR224/ 3192	Osteichthyes	Cyprinodontiformes	Fundulidae	0.125	non-migratory	non-migratory	1	1	Cyprinodontiforr	NL	0	Mummichog
Fundulus zebrius	3208/WR226	Osteichthyes	Cyprinodontiformes	Fundulidae	0.25	non-migratory	non-migratory	1	1	Cyprinodontiforr	NL	0	Plains killifish
Gadus macrocephalus	308	Osteichthyes	Gadiformes	Gadidae	1	non-migratory	non-migratory	0	0	Gadiformes	NL	0	Pacific cod
Gadus morhua	69	Osteichthyes	Gadiformes	Gadidae	2	oceanodromous	migratory	0	1	Gadiformes	VU	2	Atlantic cod
Galeocerdo cuvier	886	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2	oceanodromous	migratory	8	1	Sharks	LR/nt	1	Tiger shark
Galeorhinus galeus	4642	Chondrichthyes	Carcharhiniformes	Triakidae	2	oceanodromous	migratory	8	1	Sharks	VU	2	Tope shark
Gambusia affinis	3215	Osteichthyes	Cyprinodontiformes	Poeciliidae	1	non-migratory	non-migratory	4	1	Cyprinodontiforr	NL	0	Mosquitofish

Gasterosteus aculeatus aculeatus	2420	Osteichthyes	Gasterosteiformes	Gasterosteidae	0.5	non-migratory	non-migratory	3	1	Gasterosteiform	NL	0	Three-spined stickleback
Gila atraria	WR107	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	0	0	Cypriniformes	NL	0	
Ginglymostoma cirratum	2532	Chondrichthyes	Orectolobiformes	Ginglymostomidae	2	non-migratory	non-migratory	8	1	Sharks	NL	0	Nurse shark
Gobio gobio	GGO-1/GGO-4	Osteichthyes	Cypriniformes	Gobiidae	0.75	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Gobius niger	GNI	Osteichthyes	Cypriniformes	Gobiidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Haemulon aurolineatum	WR259	Osteichthyes	Perciformes	Pomadasyidae	1	non-migratory	non-migratory	0	0	Perciformes	NL	0	
Haemulon plumieri	WR261	Osteichthyes	Perciformes	Pomadasyidae	1	non-migratory	non-migratory	0	0	Perciformes	NL	0	
Helicolenus dactylopterus	HDA	Osteichthyes	Scorpaeniformes	Scorpaenidae	0.333	non-migratory	non-migratory	1	1	Scorpaeniformes	NL	0	
Hemiscyllium ocellatum	5906	Chondrichthyes	Orectolobiformes	Hemiscylliidae	1	non-migratory	non-migratory	0	0	Sharks	NL	0	Epaulette shark
Hiodon alesoides	WR20	Osteichthyes	Osteoglossiformes	Hiodontidae	1	non-migratory	non-migratory	0	0	Osteoglossiformes	NL	0	
Hippoglossoides elassodon	WR425	Osteichthyes	Pleuronectiformes	Pleuronectidae	1	non-migratory	non-migratory	0	0	Pleuronectiformes	NL	0	
Hippoglossus hippoglossus	1371	Osteichthyes	Pleuronectiformes	Pleuronectidae	1	oceanodromous	migratory	0	1	Pleuronectiformes	EN	3	Atlantic halibut
Hippoglossus stenolepis	WR426	Osteichthyes	Pleuronectiformes	Pleuronectidae	2	oceanodromous	migratory	0	1	Pleuronectiformes	NL	0	Pacific halibut
Hoplostethus atlanticus	334	Osteichthyes	Beryciformes	Trachichthyidae	1	oceanodromous	migratory	0	1	Beryciformes	NL	0	Orange roughy
Huso dauricus	4633	Chondrichthyes	Acipenseriformes	Acipenseridae	4.5	potamodromous	migratory	0	1	Acipenseriformes	EN	3	Kaluga
Huso huso	2067	Chondrichthyes	Acipenseriformes	Acipenseridae	6	anadromous	migratory	0	1	Acipenseriformes	EN	3	Beluga
Hybognathus nuchalis	WR109	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	0	0	Cypriniformes	NL	0	
Hymenocephalus italicus	HIT	Osteichthyes	Gadiformes	Macrouridae	0.3	non-migratory	non-migratory	0	0	Gadiformes	NL	0	
Hyperprosopon argenteum	WR373	Osteichthyes	Perciformes	Embiotocidae	1	non-migratory	non-migratory	8	1	Perciformes	NL	0	
Hypomesus japonicus	23752	Osteichthyes	Salmoniformes	Osmeridae	1	anadromous	migratory	0	1	Salmoniformes	NL	0	
Hyporhamphus melanochir	12725	Osteichthyes	Beloniformes	Hemiramphidae	1	amphidromous	migratory	1	1	Beloniformes	NL	0	Eastern sea gar
Ictalurus melas	WR164	Osteichthyes	Siluriformes	Ictaluridae	1	non-migratory	non-migratory	4	1	Siluriformes	NL	0	
Ictalurus natalis	WR166	Osteichthyes	Siluriformes	Ictaluridae	1	non-migratory	non-migratory	4	1	Siluriformes	NL	0	
Ictalurus nebulosus	WR168	Osteichthyes	Siluriformes	Ictaluridae	1	non-migratory	non-migratory	4	1	Siluriformes	NL	0	
Ictalurus punctatus	290/ WR170	Osteichthyes	Siluriformes	Ictaluridae	1	non-migratory	non-migratory	3	1	Siluriformes	NL	0	Channel catfish
Ictiobus bubalus	WR148	Osteichthyes	Cypriniformes	Catostomidae	1	non-migratory	non-migratory	0	0	Cypriniformes	NL	0	
Ictiobus cyprinellus	WR150	Osteichthyes	Cypriniformes	Catostomidae	1	non-migratory	non-migratory	0	0	Cypriniformes	NL	0	
Istiophorus platypterus	77	Osteichthyes	Perciformes	Istiophoridae	1	oceanodromous	migratory	0	1	Perciformes	NL	0	Indo-Pacific sailfin shark
Isurus oxyrinchus	752	Chondrichthyes	Lamniformes	Lamnidae	2	oceanodromous	migratory	8	1	Sharks	LR/nt	1	Shortfin mako
Isurus paucus	753	Chondrichthyes	Lamniformes	Lamnidae	2	oceanodromous	migratory	8	1	Sharks	NL	0	Longfin mako
Katsuwonus pelamis	107	Osteichthyes	Scomberiformes	Scombridae	1	oceanodromous	migratory	0	1	Scomberiformes	NL	0	Skipjack tuna
Kurtus gulliveri	4436	Osteichthyes	Perciformes	Kurtidae	1	non-migratory	non-migratory	4	1	Perciformes	NL	0	Nurseryfish
Lagodon rhomboides	3576/ WR275	Osteichthyes	Perciformes	Sparidae	1	catadromous	migratory	0	1	Perciformes	NL	0	Pinfish
Lamna ditropis	755	Chondrichthyes	Lamniformes	Lamnidae	1	oceanodromous	migratory	6	1	Sharks	DD	-1	Salmon shark
Lamna nasus	88	Chondrichthyes	Lamniformes	Lamnidae	1	oceanodromous	migratory	6	1	Sharks	VU	2	Porbeagle/Mackay shark
Latimeria chalumnae	2063	Osteichthyes	Coelacanthiformes	Latimeriidae	3	non-migratory	non-migratory	8	1	Coelacanthiformes	CR	4	Coelacanth
Leiostomus xanthurus	WR269	Osteichthyes	Perciformes	Sciaenidae	1	migratory	migratory	0	1	Perciformes	NL	0	
Lepidopsetta bilineata	WR428	Osteichthyes	Pleuronectiformes	Pleuronectidae	1	oceanodromous	migratory	0	1	Pleuronectiformes	NL	0	Southern rock sole
Lepidopus caudatus	LCA/ 645	Osteichthyes	Perciformes	Trichiuridae	0.333			0	0	Perciformes	NL	0	Silver scabbardfish
Lepomis auritus	WR305/3370	Osteichthyes	Perciformes	Centrarchidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	Redbreast sunfish
Lepomis cyanellus	WR307/ 3371	Osteichthyes	Perciformes	Centrarchidae	0.667	non-migratory	non-migratory	3	1	Perciformes	NL	0	Green sunfish
Lepomis gibbosus	LGI-1/ WR309/	Osteichthyes	Perciformes	Centrarchidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	Pumpkinseed
Lepomis gulosus	WR311/ 3373	Osteichthyes	Perciformes	Centrarchidae	0.5	non-migratory	non-migratory	3	1	Perciformes	NL	0	Warmouth
Lepomis humilis	WR313	Osteichthyes	Perciformes	Centrarchidae	0.667	non-migratory	non-migratory	3	1	Perciformes	NL	0	
Lepomis macrochirus	WR315/ 3375	Osteichthyes	Perciformes	Centrarchidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	Bluegill
Lepomis megalotis	WR317/ 3377	Osteichthyes	Perciformes	Centrarchidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	Longear sunfish
Lepomis microlophus	WR319/ 3378	Osteichthyes	Perciformes	Centrarchidae	0.5	non-migratory	non-migratory	3	1	Perciformes	NL	0	Redear sunfish
Leuciscus cephalus	LCE-5/LCE-6	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Leuciscus leuciscus	LLE	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Leuciscus pyrenaicus	LPY	Osteichthyes	Cypriniformes	Cyprinidae	0.5	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Leuresthes sardina	WR216	Osteichthyes	Atheriniformes	Atherinidae	0.2	migratory	migratory	1	1	Atheriniformes	NL	0	
Lota lota	310	Osteichthyes	Gadiformes	Lotidae	1	non-migratory	non-migratory	0	0	Gadiformes	NL	0	Burbot

Lutjanus campechanus	WR287/ 1423	Osteichthyes	Perciformes	Lutjanidae	1	non-migratory	non-migratory	0	0	Porgies	NL	0	Northern red sn
Lycodopsis pacifica	WR214	Osteichthyes	Perciformes	Zoarcidae	0.5	non-migratory	non-migratory	3	1	Perciformes	NL	0	
Macquaria ambigua	10312	Osteichthyes	Perciformes	Percichthyidae	1	limnodromous	migratory	0	1	Perciformes	NL	0	Golden perch
Macruronus novaezelandiae	1825	Osteichthyes	Gadiformes	Merlucciidae	2	oceanodromous	migratory	0	1	Gadiformes	NL	0	Blue grenadier
Magnisudis atlantica	2727	Osteichthyes	Aulopiformes	Paralepididae	1	oceanodromous	migratory	0	1	Aulopiformes	NL	0	Duckbill barracu
Megachasma pelagios	5909	Chondrichthyes	Lamniformes	Megachasmidae	2	oceanodromous	migratory	8	1	Sharks	DD	-1	Megamouth sha
Megalops atlanticus	WR16	Osteichthyes	Elopiformes	Elopidae	1	non-migratory	non-migratory	0	0	Elopiformes	NL	0	
Menidia menidia	WR220	Osteichthyes	Atheriniformes	Atherinidae	0.25	migratory	migratory	1	1	Atheriniformes	NL	0	
Merluccius merluccius	MME, 30	Osteichthyes	Gadiformes	Merlucciidae	0.33			0	0		NL	0	European hake
Merluccius productus	WR206	Osteichthyes	Gadiformes	Merlucciidae	1	non-migratory	non-migratory	0	0	Gadiformes	NL	0	
Microgadus tomcod	WR208	Osteichthyes	Gadiformes	Gadidae	1	migratory	migratory	0	1	Gadiformes	NL	0	
Micropogon undulatus	WR271	Osteichthyes	Perciformes	Sciaenidae	1	migratory	migratory	0	1	Perciformes	NL	0	
Micropogonias furnieri	YJ2	Osteichthyes	Perciformes	Sciaenidae	1					Perciformes	NL	0	Whitemouth cro
Micropterus dolomieu	3382/ WR321	Osteichthyes	Perciformes	Centrarchidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	Smallmouth bas
Micropterus punctulatus	3384/ WR323	Osteichthyes	Perciformes	Centrarchidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	Spotted bass
Micropterus salmoides	WR325/ MSA/ 3	Osteichthyes	Perciformes	Centrarchidae	0.6667	non-migratory	non-migratory	3	1	Perciformes	NL	0	Largemouth bas
Microstomus pacificus	WR430	Osteichthyes	Pleuronectiformes	Pleuronectidae	1	non-migratory	non-migratory	0	0	Pleuronectiform	NL	0	
Mola mola	WR438/ 1732	Osteichthyes	Tetraodontiformes	Molidae	1	oceanodromous	migratory	0	1	Tetraodontiform	NL	0	Ocean sunfish
Morone americana	WR293, 355	Osteichthyes	Perciformes	Moronidae	0.5	anadromous	migratory	1	1	Perciformes	NL	0	White perch
Morone chrysops	3308	Osteichthyes	Perciformes	Moronidae	1	potamodromous	migratory	1	1	Perciformes	NL	0	White bass
Morone saxatilis	WR297, 353	Osteichthyes	Perciformes	Moronidae	1.25	anadromous	migratory	1	1	Perciformes	NL	0	Striped bass
Moxostoma anisurum	WR152	Osteichthyes	Cypriniformes	Catostomidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Moxostoma duquesnei	WR154	Osteichthyes	Cypriniformes	Catostomidae	1	migratory	migratory	1	1	Cypriniformes	NL	0	
Moxostoma erythrum	WR156	Osteichthyes	Cypriniformes	Catostomidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Moxostoma macrolepidotum	WR158	Osteichthyes	Cypriniformes	Catostomidae	1	migratory	migratory	1	1	Cypriniformes	NL	0	
Mugil cephalus	MCE, 785	Osteichthyes	Perciformes	Mugilidae	1	catadromous	migratory	0	1	Perciformes	NL	0	Flathead mullet
Mugil liza	1090	Osteichthyes	Perciformes	Mugilidae	0.5			0	0	Perciformes	NL	0	Liza
Mustelus antarcticus	5943	Chondrichthyes	Carcharhiniformes	Triakidae	1.33	oceanodromous	migratory	8	1	Sharks	LR/cd	1	Gummy shark
Mycteroperca bonaci	1209	Osteichthyes	Perciformes	Serranidae	1			0	0	Perciformes	NL	0	Black grouper
Naucrates ductor	NDU	Osteichthyes	Perciformes	Carangidae	0.333	non-migratory	non-migratory	0	0	Perciformes	NL	0	
Negaprion brevirostris	897	Chondrichthyes	Carcharhiniformes	Carcharhinidae	2			8	1	Sharks	LR/nt	1	Lemon shark
Nezumia sclerorhynchus	NSC	Osteichthyes	Gadiformes	Macrouridae	0.333	non-migratory	non-migratory	0	0	Gadiformes	NL	0	
Nocomis biguttata	WR111	Osteichthyes	Cypriniformes	Cyprinidae	0.5	non-migratory	non-migratory	3	1	Cypriniformes	NL	0	
Notemigonus crysoleucas	WR122	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Nothobranchius ocellatus	49579	Osteichthyes	Cyprinodontiformes	Aplocheilidae	1	non-migratory	non-migratory	0	0	Cyprinodontiforr	NL	0	
Nothobranchius ugandensis	49572	Osteichthyes	Cyprinodontiformes	Aplocheilidae	1	non-migratory	non-migratory	0	0	Cyprinodontiforr	NL	0	
Notorynchus cepedianus	2531	Chondrichthyes	Hexanchiformes	Hexanchidae	2			8	1	Sharks	DD	-1	Broadnose seve
Notropis hudsonius	WR115	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	0	0	Cypriniformes	NL	0	
Notropis stramineus	WR118, 2905	Osteichthyes	Cypriniformes	Cyprinidae	0.333	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	Sand shiner
Notropis umbratilus	WR120	Osteichthyes	Cypriniformes	Cyprinidae	0.333	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Noturus alabater	WR172	Osteichthyes	Siluriformes	Ictaluridae	1	non-migratory	non-migratory	3	1	Siluriformes	NL	0	
Noturus flavus	WR174, 3033	Osteichthyes	Siluriformes	Ictaluridae	0.25			3	1	Siluriformes	NL	0	Stonecat
Noturus gyrinus	WR176	Osteichthyes	Siluriformes	Ictaluridae	0.5	non-migratory	non-migratory	3	1	Siluriformes	NL	0	
Noturus miurus	WR178	Osteichthyes	Siluriformes	Ictaluridae	0.5	non-migratory	non-migratory	3	1	Siluriformes	NL	0	
Noturus nocturnus	WR180	Osteichthyes	Siluriformes	Ictaluridae	0.333	non-migratory	non-migratory	3	1	Siluriformes	NL	0	
Ophichthus rufus	ORU	Osteichthyes	Anguilliformes	Ophichthidae	1	non-migratory	non-migratory	0	0	Anguilliformes	NL	0	Snake eel
Ophiodon elongatus	509	Osteichthyes	Scorpaeniformes	Hexagrammidae	1	oceanodromous	migratory	3	1	Scorpaeniforme	NL	0	Lingcod
Orthopristis chrysoptera	5	Osteichthyes	Perciformes	Haemulidae	1	oceanodromous	migratory	0	1	Perciformes	NL	0	Pigfish
Osmerus mordax dentex	22635	Osteichthyes	Salmoniformes	Osmeridae	1	anadromous	migratory	1	1	Salmoniformes	NL	0	Arctic rainbow s
Osmerus mordax mordax	253	Osteichthyes	Salmoniformes	Osmeridae	1	anadromous	migratory	1	1	Salmoniformes	NL	0	Atlantic rainbow
Parablennius parvicornis	PPA	Osteichthyes	Perciformes	Blenniidae	0.333	non-migratory	non-migratory	1	1	Perciformes	NL	0	
Paralichthys dentatus	WR417	Osteichthyes	Pleuronectiformes	Bothidae	0.5	migratory	migratory	0	1	Pleuronectiform	NL	0	

Paralichthys lethostigma	WR423	Osteichthyes	Pleuronectiformes	Bothidae	0.25	migratory	migratory	0	1	Pleuronectiform	NL	0	
Parophrys vetulus	WR432	Osteichthyes	Pleuronectiformes	Pleuronectidae	1			0	0	Pleuronectiform	NL	0	
Perca flavescens	359	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	1	1	Perciformes	NL	0	Yellow perch
Perca fluviatilis	358	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	1	1	Perciformes	NL	0	European perch
Percina caprodes	3489	Osteichthyes	Perciformes	Percidae	0.16667	non-migratory	non-migratory	1	1	Perciformes	NL	0	Logperch
Percina maculata	3498	Osteichthyes	Perciformes	Percidae	0.5		migratory	1	1	Perciformes	NL	0	Blackside darter
Percina pantherina	3505	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory	1	1	Perciformes	VU	2	Leopard darter
Percina rex	3508	Osteichthyes	Perciformes	Percidae	0.5			1	1	Perciformes	VU	2	Roanoke logperch
Percina vigil	YJ3	Osteichthyes	Perciformes	Percidae	1	non-migratory	non-migratory		0	Perciformes	NL	0	Saddleback darter
Percopsis omiscomaycus	3065	Osteichthyes	Perciformes	Percopsidae	0.5			1	1	Perciformes	NL	0	Trout-perch
Phoxinus phoxinus	4661	Osteichthyes	Cypriniformes	Cyprinidae	1	potamodromous	migratory	1	1	Cypriniformes	NL	0	Eurasian minnow
Pimephales notatus	2931	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	3	1	Cypriniformes	NL	0	Bluntnose minnow
Pimephales promelas	4785	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	3	1	Cypriniformes	NL	0	Fathead minnow
Platichthys stellatus	WR434	Osteichthyes	Pleuronectiformes	Pleuronectidae	1	non-migratory	non-migratory	0	0	Pleuronectiform	NL	0	Starry flounder
Polydactylus octonemus	WR243	Osteichthyes	Perciformes	Percidae	1	migratory	migratory	0	1	Perciformes	NL	0	
Polyodon spathula	174	Chondrichthyes	Acipenseriformes	Polyodontidae	5	potamodromous	migratory	1	1	Acipenseriforme	VU	2	Mississippi paddlefish
Pomatomus saltatrix	364	Osteichthyes	Perciformes	Pomatoidae	1	oceanodromous	migratory	0	1	Perciformes	NL	0	Bluefish
Pomatoschistus marmoratus	9191	Osteichthyes	Cypriniformes	Gobiidae	1			3	1	Cypriniformes	NL	0	Marbled goby
Pomatoschistus microps	1344	Osteichthyes	Cypriniformes	Gobiidae	1	amphidromous	migratory	3	1	Cypriniformes	NL	0	
Pomoxis annularis	3387	Osteichthyes	Perciformes	Centrarchidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	White crappie
Pomoxis nigromaculatus	3388	Osteichthyes	Perciformes	Centrarchidae	1	non-migratory	non-migratory	3	1	Perciformes	NL	0	Black crappie
Prionace glauca	898	Chondrichthyes	Carcharhiniformes	Carcharhinidae	1	oceanodromous	migratory	6	1	Sharks	LR/nt	1	Blue shark
Prosopium williamsoni	WR65	Osteichthyes	Salmoniformes	Salmonidae	1	non-migratory	non-migratory	0	0	Salmoniformes	NL	0	
Pseudogobius olorum	22786	Osteichthyes	Cypriniformes	Gobiidae	0.5	non-migratory	non-migratory	2	1	Cypriniformes	NL	0	Swan river goby
Pseudopleuronectes americanus	WR436	Osteichthyes	Pleuronectiformes	Pleuronectidae	1			0	0	Pleuronectiform	NL	0	
Ptychocheilus oregonensis	2940	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	0	0	Cypriniformes	NL	0	Northern pikeminnow
Pungitius pungitius	3273	Osteichthyes	Gasterosteiformes	Gasterosteidae	1	anadromous	migratory	3	1	Gasterosteiform	NL	0	Ninespine stickleback
Pylodictus olivaris	WR182	Osteichthyes	Siluriformes	Ictaluridae	1	non-migratory	non-migratory	3	1	Siluriformes	NL	0	
Rachycentron canadum	3542	Osteichthyes	Perciformes	Rachycentridae	1	oceanodromous	migratory	0	1	Perciformes	NL	0	Cobia
Raja eglanteria	1252	Chondrichthyes	Rajiformes	Rajidae	1			0	0	Rajiformes	NL	0	Clearnose skate
Rhacochilus toxotes	WR375	Osteichthyes	Perciformes	Embiotocidae	1	non-migratory	non-migratory	8	1	Perciformes	NL	0	
Rhacochilus vacca	WR377	Osteichthyes	Perciformes	Embiotocidae	1	non-migratory	non-migratory	8	1	Perciformes	NL	0	
Rhincodon typus	2081	Chondrichthyes	Orectolobiformes	Rhincodontidae	2	oceanodromous	migratory	8	1	Sharks	VU	2	Whale shark
Rhinichthys atratulus	WR130	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	
Rhinichthys cataractae	2944	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	2	1	Cypriniformes	NL	0	Longnose dace
Rhizoprionodon terraenovae	905	Chondrichthyes	Carcharhiniformes	Carcharhinidae	1	migratory	migratory	6	1	Sharks	NL	0	Atlantic sharpnose shark
Richardsonius balteatus	2949	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	1	1	Cypriniformes	NL	0	Redside shiner
Rouleina livida	58066	Osteichthyes	Osmeriformes	Alepocephalidae	1			1	1	Osmeriformes	NL	0	
Rutilus lemmingii	9940	Osteichthyes	Cypriniformes	Cyprinidae	1			1	1	Cypriniformes	VU	2	
Rutilus rutilus	272	Osteichthyes	Cypriniformes	Cyprinidae	1	migratory	migratory	1	1	Cypriniformes	NL	0	Roach
Salmo clarki	WR67	Osteichthyes	Salmoniformes	Salmonidae	2	anadromous	migratory	1	1	Salmoniformes	NL	0	
Salmo salar	236	Osteichthyes	Salmoniformes	Salmonidae	2	anadromous	migratory	1	1	Salmoniformes	NL	0	Atlantic salmon
Salmo trutta fario	2083	Osteichthyes	Salmoniformes	Salmonidae	1	non-migratory	non-migratory	1	1	Salmoniformes	NL	0	Brown trout
Salmo trutta lacustris	4880	Osteichthyes	Salmoniformes	Salmonidae	1	limnodromous	migratory	1	1	Salmoniformes	NL	0	
Salmo trutta trutta	238	Osteichthyes	Salmoniformes	Salmonidae	1	anadromous	migratory	1	1	Salmoniformes	NL	0	Sea trout
Salvelinus alpinus	247	Osteichthyes	Salmoniformes	Salmonidae	2.5	anadromous	migratory	1	1	Salmoniformes	NL	0	Charr
Salvelinus fontinalis	246	Osteichthyes	Salmoniformes	Salmonidae	1	anadromous	migratory	1	1	Salmoniformes	NL	0	Brook trout
Salvelinus malma malma	2691	Osteichthyes	Salmoniformes	Salmonidae	1	anadromous	migratory	1	1	Salmoniformes	NL	0	Dolly varden
Salvelinus namaycush	248	Osteichthyes	Salmoniformes	Salmonidae	2	non-migratory	non-migratory	0	0	Salmoniformes	NL	0	Lake trout
Sandelia bainsii	10053	Osteichthyes	Perciformes	Anabantidae	1	migratory	migratory	3	1	Perciformes	EN	3	Eastern Cape Rummy goby
Scaphirhynchus albus	2595	Chondrichthyes	Acipenseriformes	Acipenseridae	3.33333	potadromous	migratory	0	1	Acipenseriforme	EN	3	Pallid sturgeon
Scaphirhynchus platyrhynchus	2596	Chondrichthyes	Acipenseriformes	Acipenseridae	2	potadromous	migratory	0	1	Acipenseriforme	VU	2	Shovelnose sturgeon

Scardinus erythrophthalmus	2951	Osteichthyes	Cypriniformes	Cyprinidae	1			1	1	Cypriniformes	DD	-1	Rudd
Sciaenops ocellatus	1191	Osteichthyes	Perciformes	Sciaenidae	1			1	1	Perciformes	NL	0	Red drum
Scomber japonicus	117	Osteichthyes	Scomberiformes	Scombridae	1	oceanodromous	migratory	0	1	Scomberiformes	NL	0	Chub mackerel
Scomber scombrus	118	Osteichthyes	Scomberiformes	Scombridae	3	oceanodromous	migratory	0	1	Scomberiformes	NL	0	Atlantic mackerel
Scorpaena porcus	SPO	Osteichthyes	Scorpaeniformes	Scorpaenidae	1	non-migratory	non-migratory	0	0	Scorpaeniformes	NL	0	
Scorpaena scrofa	SSC	Osteichthyes	Scorpaeniformes	Scorpaenidae	1	non-migratory	non-migratory	0	0	Scorpaeniformes	NL	0	
Scyliorhinus canicula	845	Chondrichthyes	Carcharhiniformes	Scyliorhinidae	1			0	1	Sharks	NL	0	Small-spotted catshark
Sebastes aleutianus	3949	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	Rougheye rockfish
Sebastes alutus	504/ WR413	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	Pacific ocean perch
Sebastes auriculatus	3951	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	Brown rockfish
Sebastes caurinus	3957	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	Copper rockfish
Sebastes diploproa	3964	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	Splitnose rockfish
Sebastes emphaeus	3966	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	Puget Sound rockfish
Sebastes flavidus	503	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	Yellowtail rockfish
Sebastes melanops	3979	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	Black rockfish
Sebastes paucispinis	3987	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	CR	4	Bocaccio
Sebastes saxicola	4000	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	Stripetail rockfish
Sebastes pinniger	WR407	Osteichthyes	Scorpaeniformes	Sebastidae	1	non-migratory	non-migratory	4	1	Scorpaeniformes	NL	0	
Semotilus atromaculatus	2952	Osteichthyes	Cypriniformes	Cyprinidae	1	non-migratory	non-migratory	3	1	Cypriniformes	NL	0	Creek chub
Siganus canaliculatus	YJ4	Osteichthyes	Perciformes	Siganidae	1					Perciformes	NL	0	white-spotted rabbitfish
Silhouettea aegyptia	SAE	Osteichthyes	Cypriniformes	Gobiidae	0.333			1	1	Perciformes	NL	0	
Solea solea	525	Osteichthyes	Pleuronectiformes	Soleidae	1	oceanodromous	migratory	0	1	Pleuronectiformes	NL	0	Common sole
Sparisoma cretense	SCR	Osteichthyes	Perciformes	Scaridae	0.333	non-migratory	non-migratory	0	0	Perciformes	NL	0	
Sphyrna argentea	3678	Osteichthyes	Perciformes	Sphyrnidae	1	oceanodromous	migratory	0	1	Perciformes	NL	0	Pacific barracuda
Sphyrna lewini	912	Chondrichthyes	Carcharhiniformes	Sphyrnidae	1	oceanodromous	migratory	6	1	Sharks	LR/nt	1	Scalloped hammerhead
Sphyrna mokarran	914	Chondrichthyes	Carcharhiniformes	Sphyrnidae	2	oceanodromous	migratory	8	1	Sharks	DD	-1	Great hammerhead
Sphyrna tiburo	915	Chondrichthyes	Carcharhiniformes	Sphyrnidae	1	non-migratory	non-migratory	6	1	Sharks	NL	0	Bonnethead
Sphyrna tudes	55029	Chondrichthyes	Carcharhiniformes	Sphyrnidae	1			6	1	Sharks	NL	0	Smalleye hammerhead
Sphyrna zygaena	917	Chondrichthyes	Carcharhiniformes	Sphyrnidae	1	oceanodromous	migratory		1	Sharks	LR/nt	1	Smooth hammerhead
Squalus acanthias	139	Chondrichthyes	Squaliformes	Squalidae	3.33333	oceanodromous	migratory	8	1	Sharks	LR/nt	1	Piked dogfish
Squatina californica	729	Chondrichthyes	Squantiniformes	Squatinae	1	non-migratory	non-migratory	6	1	Sharks	LR/nt	1	Pacific angelshark
Stenodus leucichthys	2692	Osteichthyes	Salmoniformes	Salmonidae	2.5	anadromous	migratory	0	1	Salmoniformes	EN	3	Inconnu
Stenotomus chrysops	WR277	Osteichthyes	Perciformes	Sparidae	1	non-migratory	non-migratory	0	0	Perciformes	NL	0	
Stizostedion canadense	WR365	Osteichthyes	Perciformes	Percidae	1	migratory	migratory	1	1	Perciformes	NL	0	
Stizostedion lucioperca	SLU	Osteichthyes	Perciformes	Percidae	1	migratory	migratory	3	1	Perciformes	NL	0	
Stizostedion vitreum	WR367	Osteichthyes	Perciformes	Percidae	1	migratory	migratory	1	1	Perciformes	NL	0	
Tautoga onitis	458	Osteichthyes	Perciformes	Labridae	1	non-migratory	non-migratory	0	0	Perciformes	NL	0	Tautog
Thunnus albacares	143	Osteichthyes	Scomberiformes	Scombridae	1	oceanodromous	migratory	0	1	Scomberiformes	NL	0	Yellowfin tuna
Thunnus thynnus	147	Osteichthyes	Scomberiformes	Scombridae	1	oceanodromous	migratory	0	1	Scomberiformes	EN	3	Northern bluefin tuna
Thymallus arcticus arcticus	2693	Osteichthyes	Salmoniformes	Salmonidae	1	potamodromous	migratory	1	1	Salmoniformes	NL	0	Arctic grayling
Trachurus trachurus	1365	Osteichthyes	Perciformes	Carangidae	0.333	oceanodromous	migratory	0	1	Perciformes	NL	0	Atlantic horse mackerel
Trachurus trachurus	YJ5	Osteichthyes	Perciformes	Carangidae	1	oceanodromous	migratory		1	Perciformes	NL	0	Horse mackerel
Trigla lyra	TLY	Osteichthyes	Scorpaeniformes	Triglidae	0.333	non-migratory	non-migratory	0	0	Scorpaeniformes	NL	0	
Typhlichthys subterraneus	3063	Osteichthyes	Percopsiformes	Amblyopsidae	2	non-migratory	non-migratory	4	1	Percopsiformes	VU	2	Southern cavefish
Umbra limi	WR91	Osteichthyes	Salmoniformes	Umbriidae	1	non-migratory	non-migratory	3	1	Salmoniformes	NL	0	
Umbrina canariensis	YJ6	Osteichthyes	Perciformes	Sciaenidae	1	non-migratory	non-migratory		0	Perciformes	NL	0	Canary drum