

PENNSYLVANIA FISHES

Conservation Ranks*					Occupied Drainages†					
S-Rank 2014	S-Rank 2024	Scientific Name	Common Name	Family	Erie	Ohio	Genesee	Potomac	Susquehanna	Delaware
S4	S4	<i>Ichthyomyzon bdellium</i>	Ohio Lamprey	Petromyzontidae		N				
S1	S1	<i>Ichthyomyzon fosor</i>	Northern Brook Lamprey	Petromyzontidae	N					
S4	S4	<i>Ichthyomyzon greeleyi</i>	Mountain Brook Lamprey	Petromyzontidae		N				
SU	SX	<i>Ichthyomyzon unicuspis</i>	Silver Lamprey	Petromyzontidae	X					
S4	S4	<i>Lampetra aepyptera</i>	Least Brook Lamprey	Petromyzontidae		N			N	
S4	S4	<i>Lethenteron appendix</i>	American Brook Lamprey	Petromyzontidae	N	N	N			N
S4	S5	<i>Petromyzon marinus</i>	Sea Lamprey	Petromyzontidae	I				X	N
S2	S2	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Acipenseridae						N
S1	S1	<i>Acipenser fulvescens</i>	Lake Sturgeon	Acipenseridae	N	X				
S2	S2	<i>Acipenser oxyrinchus</i>	Atlantic Sturgeon	Acipenseridae					X	N
SX	SX	<i>Scaphirynchus platyrhynchus</i>	Shovelnose Sturgeon	Acipenseridae		X				
SX	SX	<i>Polyodon spathula</i>	Paddlefish	Polyodontidae		X				
S1	S1	<i>Lepisosteus oculatus</i>	Spotted Gar	Lepisosteidae	N					
S5	S5	<i>Lepisosteus osseus</i>	Longnose Gar	Lepisosteidae	N	N			N	N
SX	SX	<i>Lepisosteus platostomus</i>	Shortnose Gar	Lepisosteidae		X				
S4	S4	<i>Amia ocellicauda</i>	Emerald Bowfin	Amiidae	N	N			I	I
SNA	SNA	<i>Elops saurus</i>	Ladyfish	Elopidae						N
S5	S4	<i>Anguilla rostrata</i>	American Eel	Anguillidae		N		N	N	N
SX	SX	<i>Hiodon alosoides</i>	Goldeye	Hiodontidae		X				
S4	S4	<i>Hiodon tergisus</i>	Mooneye	Hiodontidae	N	N				
SNA	SNA	<i>Anchoa mitchilli</i>	Bay Anchovy	Engraulidae						N
S3	S3	<i>Alosa aestivalis</i>	Blueback Herring	Alosidae						N
S4	S4	<i>Alosa chrysochloris</i>	Skipjack Herring	Alosidae		N				
S2	SU	<i>Alosa mediocris</i>	Hickory Shad	Alosidae					N	N

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S-Rank 2014	S-Rank 2024	Scientific Name	Common Name	Family	Erie	Ohio	Genesee	Potomac	Susquehanna	Delaware
S3	S3	<i>Alosa pseudoharengus</i>	Alewife	Alosidae	I				N	N
S4	S3	<i>Alosa sapidissima</i>	American Shad	Alosidae					N	N
SNA	SNA	<i>Brevoortia tyrannus</i>	Atlantic Menhaden	Alosidae						N
S5	S5	<i>Dorosoma cepedianum</i>	Gizzard Shad	Dorosomatidae	N	N			N	N
S4	S4	<i>Carpionodes carpio</i>	River Carpsucker	Catostomidae		N				
S5	S5	<i>Carpionodes cyprinus</i>	Quillback	Catostomidae	N	N			N	N
SU	SX	<i>Carpionodes velifer</i>	Highfin Carpsucker	Catostomidae		X				
S1	S1	<i>Catostomus catostomus</i>	Longnose Sucker	Catostomidae	N	N				
S5	S5	<i>Catostomus commersonii</i>	White Sucker	Catostomidae	N	N	N	N	N	N
SX	SX	<i>Cycleptus elongatus</i>	Blue Sucker	Catostomidae		X				
S4	S4	<i>Eriomyzon elongatus</i>	Eastern Creek Chubsucker	Catostomidae				N	N	N
SX	SX	<i>Eriomyzon sucetta</i>	Lake Chubsucker	Catostomidae	X					
S5	S5	<i>Hypentelium nigricans</i>	Northern Hogsucker	Catostomidae	N	N	N	N	N	I
S5	S5	<i>Ictiobus bubalus</i>	Smallmouth Buffalo	Catostomidae	N	N				
S1	S1	<i>Ictiobus cyprinellus</i>	Bigmouth Buffalo	Catostomidae	N	N				
SU	S4	<i>Ictiobus niger</i>	Black Buffalo	Catostomidae		N				
S2	S2	<i>Minytrema melanops</i>	Spotted Sucker	Catostomidae	N	N				
S5	S5	<i>Moxostoma anisurum</i>	Silver Redhorse	Catostomidae	N	N				
S5	S5	<i>Moxostoma breviceps</i>	Smallmouth Redhorse	Catostomidae		N				
S4	S5	<i>Moxostoma carinatum</i>	River Redhorse	Catostomidae		N				
S5	S5	<i>Moxostoma duquesnii</i>	Black Redhorse	Catostomidae	N	N				
S5	S5	<i>Moxostoma erythrurum</i>	Golden Redhorse	Catostomidae	N	N		N	I	
S5	S5	<i>Moxostoma macrolepidotum</i>	Shorthead Redhorse	Catostomidae	N				N	
SNA	SNA	<i>Carassius auratus</i>	Goldfish	Cyprinidae	I	I		I	I	I
SNA	SNA	<i>Cyprinus carpio</i>	Common Carp	Cyprinidae	I	I		I	I	I
SNA	SNA	<i>Ctenopharyngodon idella</i>	Grass Carp	Xenocyprinidae	I	I	I	I	I	I

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S-Rank 2014	S-Rank 2024	Scientific Name	Common Name	Family	Erie	Ohio	Genesee	Potomac	Susquehanna	Delaware
SU	SX	<i>Alburnops blennius</i>	River Shiner	Leuciscidae		X				
S1	S1	<i>Alburnops chalybaeus</i>	Ironcolor Shiner	Leuciscidae						N
G5	S5	<i>Campostoma anomalum</i>	Central Stoneroller	Leuciscidae	N	N	N	N	N	I
S1	S1	<i>Chrosomus eos</i>	Northern Redbelly Dace	Leuciscidae		N			N	
S2	S2	<i>Chrosomus erythrogaster</i>	Southern Redbelly Dace	Leuciscidae	N	N				
SNA	SNA	<i>Chrosomus oreas</i>	Mountain Redbelly Dace	Leuciscidae					I	
S4	S4	<i>Clinostomus elongatus</i>	Redside Dace	Leuciscidae	N	N	N		N	
S4	S4	<i>Clinostomus funduloides</i>	Rosyside Dace	Leuciscidae		I		N	N	N
S4	S4	<i>Cyprinella analostana</i>	Satinfin Shiner	Leuciscidae				N	N	N
S5	S5	<i>Cyprinella spiloptera</i>	Spotfin Shiner	Leuciscidae	N	N		N	N	N
S5	S5	<i>Ericymba buccata</i>	Silverjaw Minnow	Leuciscidae	N	N		N	N	
S2	S1S2	<i>Ericymba dorsalis</i>	Bigmouth Shiner	Leuciscidae		N				
S5	S5	<i>Erimystax dissimilis</i>	Streamline Chub	Leuciscidae		N				
SU	SX	<i>Erimystax x-punctatus</i>	Gravel Chub	Leuciscidae		X				
S4	S4	<i>Exoglossum laurae</i>	Tonguetied Minnow	Leuciscidae		N	N			
S5	S5	<i>Exoglossum maxillingua</i>	Cutlip Minnow	Leuciscidae				N	N	N
S5	S5	<i>Hudsonius hudsonius</i>	Spottail Shiner	Leuciscidae	N	I		N	N	N
SNA	SNA	<i>Hybognathus hankinsoni</i>	Brassy Minnow	Leuciscidae		I				
SNR	SX	<i>Hybognathus nuchalis</i>	Mississippi Silvery Minnow	Leuciscidae		X				
S4	S4	<i>Hybognathus regius</i>	Eastern Silvery Minnow	Leuciscidae				N	N	N
S3	S3	<i>Hybopsis amblops</i>	Bigeye Chub	Leuciscidae	N	N				
SNA	SNA	<i>Leucicus idus</i>	Ide	Leuciscidae					I	I
S5	S5	<i>Luxilus chrysocephalus</i>	Striped Shiner	Leuciscidae	N	N	N		I	
S5	S5	<i>Luxilus cornutus</i>	Common Shiner	Leuciscidae	N	N	N	N	N	N
S2	S2	<i>Lythrurus umbratilis</i>	Redfin Shiner	Leuciscidae	N	N				
S4	S4	<i>Macrhybopsis storeriana</i>	Silver Chub	Leuciscidae	N	N				

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S4	S4	<i>Margariscus margarita</i>	Allegheny Pearl Dace	Leuciscidae		N	N	N	N	N
S1	S1	<i>Miniellus heterodon</i>	Blackchin Shiner	Leuciscidae	X	N				
S4	S3S4	<i>Miniellus procne</i>	Swallowtail Shiner	Leuciscidae					N	N
S5	S5	<i>Miniellus stramineus</i>	Sand Shiner	Leuciscidae	N	N				
S1	S1	<i>Nocomis biguttatus</i>	Hornyhead Chub	Leuciscidae	N	N				
S5	S5	<i>Nocomis micropogon</i>	River Chub	Leuciscidae	N	N		N	N	I
S5	S5	<i>Noteimgonus crysoleucas</i>	Golden Shiner	Leuciscidae	N	N		N	N	N
S4	S4	<i>Notropis amoenus</i>	Comely Shiner	Leuciscidae				N	N	N
SX	SX	<i>Notropis ariommus</i>	Popeye Shiner	Leuciscidae		X				
S5	S5	<i>Notropis atherinoides</i>	Emerald Shiner	Leuciscidae	N	N				
S1	S1	<i>Notropis bifrenatus</i>	Bridle Shiner	Leuciscidae					X	N
SU	S1	<i>Notropis heterolepis</i>	Blacknose Shiner	Leuciscidae	X	N				
S5	S5	<i>Notropis photogenis</i>	Silver Shiner	Leuciscidae	N	N				
S5	S5	<i>Notropis rubellus</i>	Rosyface Shiner	Leuciscidae	N	N		N	N	I
SU	S1	<i>Opsopoeodus emiliae</i>	Pugnose Minnow	Leuciscidae		N				
SU	S3	<i>Paranotropis buchmanii</i>	Ghost Shiner	Leuciscidae		N				
S5	S5	<i>Paramotropis volucellus</i>	Mimic Shiner	Leuciscidae	N	N	N		I	
S4	S4	<i>Paranotropis wickliffi</i>	Channel Shiner	Leuciscidae		N				
S5	S5	<i>Pimephales notatus</i>	Bluntnose Minnow	Leuciscidae	N	N	N	I	N	N
S4	S4	<i>Pimephales promelas</i>	Fathead Minnow	Leuciscidae	N	N	N	I	I	I
SX	SX	<i>Pimephales vigilax</i>	Bullhead Minnow	Leuciscidae		X				
S5	S5	<i>Rhinichthys atratulus</i>	Blacknose Dace	Leuciscidae				N	N	N
S5	S5	<i>Rhinichthys cataractae</i>	Longnose Dace	Leuciscidae	N	N	N	N	N	N
SNR	S5	<i>Rhinichthys obtusus</i>	Western Blacknose Dace	Leuciscidae	N	N	N			
SNA	SNA	<i>Scardinius erythrophthalmus</i>	Rudd	Leuciscidae	I	I			I	
S5	S5	<i>Semotilus atromaculatus</i>	Creek Chub	Leuciscidae	N	N	N	N	N	N

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S5	S5	<i>Semotilus corporalis</i>	Fallfish	Leuciscidae		I		N	N	N
S3	S3	<i>Ameiurus catus</i>	White Catfish	Ictaluridae		I			N	N
SU	SX	<i>Ameiurus melas</i>	Black Bullhead	Ictaluridae	X	X				I
S5	S5	<i>Ameiurus natalis</i>	Yellow Bullhead	Ictaluridae	N	N		N	N	N
S5	S5	<i>Ameiurus nebulosus</i>	Brown Bullhead	Ictaluridae	N	N		N	N	N
SX	SX	<i>Ictalurus furcatus</i>	Blue Catfish	Ictaluridae		X				
S5	S5	<i>Ictalurus punctatus</i>	Channel Catfish	Ictaluridae	N	N		I	I	I
S4	S4	<i>Noturus eleutherus</i>	Mountain Madtom	Ictaluridae		N				
S5	S5	<i>Noturus flavus</i>	Stonecat	Ictaluridae	N	N	N			
S1	S1	<i>Noturus gyrinus</i>	Tadpole Madtom	Ictaluridae	N	N			X	X
S5	S5	<i>Noturus insignis</i>	Margined Madtom	Ictaluridae				N	N	N
S2	S2	<i>Noturus miurus</i>	Brindled Madtom	Ictaluridae	N	N				
S4	S4	<i>Noturus stigmosus</i>	Northern Madtom	Ictaluridae		N				
S5	S5	<i>Pylodictis olivaris</i>	Flathead Catfish	Ictaluridae	N	N			I	I
S4	S4	<i>Esox americanus americanus</i>	Redfin Pickerel	Esocidae					N	N
S4	S4	<i>Esox americanus vermiculatus</i>	Grass Pickerel	Esocidae	N	N				
S4	S4	<i>Esox lucius</i>	Northern Pike	Esocidae	N	N		I	I	I
S4	S4	<i>Esox masquinongy</i>	Muskellunge	Esocidae	N	N		I	I	I
S5	S5	<i>Esox niger</i>	Chain Pickerel	Esocidae		I		N	N	N
SNA	SNA	<i>Esox reichertii</i>	Amur Pike	Esocidae					I	
S4	S4	<i>Umbra limi</i>	Central Mudminnow	Esocidae	N	N				
S3	S4	<i>Umbra pygmaea</i>	Eastern Mudminnow	Esocidae						N
SU	SX	<i>Coregonus artedi</i>	Cisco	Salmonidae	X				I	
S4	S3S4	<i>Coregonus clupeaformis</i>	Lake Whitefish	Salmonidae	N					
SNA	SNA	<i>Onchorhynchus gbuscha</i>	Pink Salmon	Salmonidae	I					
SNA	SNA	<i>Onchorhynchus kisutch</i>	Coho Salmon	Salmonidae	I					

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SNA	SNA	<i>Onchorhynchus mykiss</i>	Rainbow Trout	Salmonidae	I	I	I	I	I	I
SNA	SNA	<i>Onchorhynchus nerka</i>	Sockeye Salmon (Kokanee)	Salmonidae	I				I	
SNA	SNA	<i>Onchorhynchus tshawytscha</i>	Chinook Salmon	Salmonidae	I					
SNA	SNA	<i>Salmo salar</i>	Atlantic Salmon	Salmonidae	I				I	
SNA	SNA	<i>Salmo trutta</i>	Brown Trout	Salmonidae	I	I	I	I	I	I
S4	S4	<i>Salvelinus fontinalis</i>	Brook Trout	Salmonidae	N	N	N	N	N	N
SX	SX	<i>Salvelinus namaycush</i>	Lake Trout	Salmonidae	X				X	
SX	SX	<i>Osmerus mordax</i>	Rainbow Smelt	Osmeridae	I	I			I	X
S5	S5	<i>Percopsis omiscomaycus</i>	Trout-perch	Percopsidae	N	N				X
SX	SX	<i>Aphredoderus sayanus</i>	Pirate Perch	Aphredoderidae	X					X
S3	S3	<i>Lota lota</i>	Burbot	Gadidae	N				X	
S2	S3	<i>Lota sp. Cf. lota</i>	Allegheny Burbot	Gadidae		N				
SNA	SNA	<i>Opsanus tau</i>	Oyster Toadfish	Batrachoididae						N
SNA	SNA	<i>Pomatomus saltatrix</i>	Bluefish	Pomatomidae						N
SNA	SNA	<i>Gobiosoma bosc</i>	Naked Goby	Gobiidae						N
SNA	SNA	<i>Neogobius melanostomus</i>	Round Goby	Gobiidae	I	I				
SNA	SNA	<i>Proterorhinus semilunaris</i>	Freshwater Tubenose Goby	Gobiidae	I					
SNA	SNA	<i>Channa argus</i>	Northern Snakehead	Channidae					I	I
SNA	SNA	<i>Trachinotus carolinus</i>	Florida Pompano	Carangidae						N
SNA	SNA	<i>Scophthalmus aquosus</i>	Windowpane	Scophthalmidae						N
SNA	SNA	<i>Etropus microstomus</i>	Smallmouth Flounder	Cyclopsettidae						N
SNA	SNA	<i>Paralichthys dentatus</i>	Summer Flounder	Paralichthyidae						N
SNA	SNA	<i>Pseudopleuronectes americanus</i>	Winter Flounder	Pleuronectidae						N
SNA	SNA	<i>Trinectes maculatus</i>	Hogchoker	Achiridae						N
SNA	SNA	<i>Oreochromis aureus</i>	Blue Tilapia	Cichlidae					I	
S5	S5	<i>Labidesthes sicculus</i>	Brook Silverside	Atherinopsidae	N	N				

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SNA	SNA	<i>Membras martinica</i>	Rough Silverside	Atherinopsidae						N
S4	S4	<i>Menidia beryllina</i>	Inland Silverside	Atherinopsidae						N
SNA	SNA	<i>Menidia menidia</i>	Atlantic Silverside	Atherinopsidae						N
S5	S5	<i>Fundulus diaphanus diaphanus</i>	Eastern Banded Killifish	Fundulidae	I	I		N	N	N
SU	SU	<i>Fundulus diaphanus menona</i>	Western Banded Killifish	Fundulidae	N	N				
S5	S5	<i>Fundulus heteroclitus</i>	Mummichog	Fundulidae		I			I	N
SNA	SNA	<i>Fundulus majalis</i>	Striped Killifish	Fundulidae						N
SNA	SNA	<i>Cyprinodon variegatus</i>	Sheepshead Minnow	Cyprinodontidae						N
SNA	SNA	<i>Gambusia affinis</i>	Western Mosquitofish	Poeciliidae						I
SNA	SNA	<i>Gambusia holbrooki</i>	Eastern Mosquitofish	Poeciliidae				I		I
SNA	SNA	<i>Strongylura marina</i>	Atlantic Needlefish	Belonidae						N
SNA	SNA	<i>Tylosuarus oculus</i>	Atlantic Agujon	Belonidae						N
SX	SX	<i>Acantharchus pomotis</i>	Mud Sunfish	Centrarchidae						X
S5	S5	<i>Ambloplites rupestris</i>	Rock Bass	Centrarchidae	N	N		I	I	I
SX	SX	<i>Enneacanthus chaetodon</i>	Blackbanded Sunfish	Centrarchidae						X
S4	S4	<i>Enneacanthus gloriosus</i>	Bluespotted Sunfish	Centrarchidae					N	N
SH	SX	<i>Enneacanthus obesus</i>	Banded Sunfish	Centrarchidae						X
S5	S5	<i>Lepomis auritus</i>	Redbreast Sunfish	Centrarchidae				N	N	N
S5	S5	<i>Lepomis cyanellus</i>	Green Sunfish	Centrarchidae	N	N		I	I	I
S5	S5	<i>Lepomis gibbosus</i>	Pumpkinseed	Centrarchidae	N	N	N	N	N	N
S3	S4	<i>Lepomis gulosus</i>	Warmouth	Centrarchidae	N	N		I	I	I
SU	SU	<i>Lepomis humilis</i>	Orangespotted Sunfish	Centrarchidae		N				
S5	S5	<i>Lepomis macrochirus</i>	Bluegill	Centrarchidae	N	N		I	I	I
S1	S1	<i>Lepomis megalotis</i>	Longear Sunfish	Centrarchidae		N			I	
SNA	SNA	<i>Lepomis microlophus</i>	Redear Sunfish	Centrarchidae		I			I	I
SNR	SX	<i>Lepomis peltastes</i>	Northern Sunfish	Centrarchidae		X				

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S5	S5	<i>Micropterus dolomieu</i>	Smallmouth Bass	Centrarchidae	N	N	N	I	I	I
S4	S4	<i>Micopterus punctulatus</i>	Spotted Bass	Centrarchidae		N				
S5	S5	<i>Micropterus nigricans</i>	Largemouth Bass	Centrarchidae	N	N		I	I	I
S5	S5	<i>Pomoxis annularis</i>	White Crappie	Centrarchidae	N	N		I	I	I
S5	S5	<i>Pomoxis nigromaculatus</i>	Black Crappie	Centrarchidae	N	N		I	I	I
S5	S5	<i>Cottus bairdii</i>	Mottled Sculpin	Cottidae	N	N	N	N	N	I
S4	S4	<i>Cottus caeruleomentum</i>	Blue Ridge Sculpin	Cottidae				N	N	
S5	S5	<i>Cottus cognatus</i>	Slimy Sculpin	Cottidae					N	N
S4	S4	<i>Cottus girardi</i>	Potomac Sculpin	Cottidae				N	N	
SX	SX	<i>Cottus ricei</i>	Spoonhead Sculpin	Cottidae	X					
S2	S2	<i>Cottus sp. cf. cogmatus</i>	Checkered Sculpin	Cottidae				N		
SX	SX	<i>Myoxocephalus thompsonii</i>	Deepwater Sculpin	Psychrolutidae	X					
S5	S5	<i>Morone americana</i>	White Perch	Moronidae	I	I			N	N
S5	S5	<i>Morone chrysops</i>	White Bass	Moronidae	N	N			I	
S4	S4	<i>Morone saxatilis</i>	Striped Bass	Moronidae		I			N	N
S1	S1S2	<i>Ammocrypta pellucida</i>	Eastern Sand Darter	Percidae	N	N				
S5	S5	<i>Etheostoma blennioides</i>	Greenside Darter	Percidae	N	N	N	I	I	
S5	S5	<i>Etheostoma caeruleum</i>	Rainbow Darter	Percidae	N	N		I		
S2	S1	<i>Etheostoma exile</i>	Iowa Darter	Percidae	N	N				
S5	S5	<i>Etheostoma flabellare</i>	Fantail Darter	Percidae	N	N	N	N	N	
SX	SX	<i>Etheostoma fusiforme</i>	Swamp Darter	Percidae						X
S5	S5	<i>Etheostoma nigrum</i>	Johnny Darter	Percidae	N	N	N			
S5	S5	<i>Etheostoma olmstedii</i>	Tessellated Darter	Percidae				N	N	N
S5	S5	<i>Etheostoma variatum</i>	Variagate Darter	Percidae		N				
S5	S5	<i>Etheostoma zonale</i>	Banded Darter	Percidae		N			I	
S4S5	S4	<i>Nothonotus camurus</i>	Bluebreast Darter	Percidae		N				

*See page 10 for definitions of ranks †N = native X = native but extirpated I = introduced

Conservation Ranks*					Occupied Drainages†					
S-Rank 2014	S-Rank 2024	Scientific Name	Common Name	Family	Erie	Ohio	Genesee	Potomac	Susquehanna	Delaware
S4	S4	<i>Nothonotus maculatus</i>	Spotted Darter	Percidae		N				
S4	S4	<i>Nothonotus tippecanoe</i>	Tippecanoe Darter	Percidae		N				
S5	S5	<i>Perca flavescens</i>	Yellow Perch	Percidae	N	N		N	N	N
S1	S2	<i>Percina bimaculata</i>	Chesapeake Logperch	Percidae					N	
S5	S5	<i>Percina caprodes caprodes</i>	Ohio Logperch	Percidae		N				
SNR	S4	<i>Percina caprodes semifasciata</i>	Northern Logperch	Percidae	N					
S5	S5	<i>Percina copelandi</i>	Channel Darter	Percidae	N	N				
S4	S4	<i>Percina evides</i>	Gilt Darter	Percidae		N				
S4	S5	<i>Percina macrocephala</i>	Longhead Darter	Percidae		N				
S5	S5	<i>Percina maculata</i>	Blackside Darter	Percidae	N	N	N			
SX	SX	<i>Percina oxyrhynchus</i>	Sharpnose Darter	Percidae		X				
S5	S5	<i>Percina peltata</i>	Shield Darter	Percidae				N	N	N
S4	S4	<i>Percina shumardi</i>	River Darter	Percidae		N				
S4	S4	<i>Sander canadensis</i>	Sauger	Percidae	N	N				
S5	S5	<i>Sander vitreus vitreus</i>	Walleye	Percidae	N	N		I	I	I
SX	SX	<i>Sander vitreus glaucus</i>	Blue Pike	Percidae	X					
SNA	SNA	<i>Lutjanus griseus</i>	Gray Snapper	Lutjanidae						N
S5	S5	<i>Aplodinotus grunniens</i>	Freshwater Drum	Sciaenidae	N	N				I
SNA	SNA	<i>Bairdiella chrysoura</i>	Silver Perch	Sciaenidae						N
SNA	SNA	<i>Cynoscion regalis</i>	Weakfish	Sciaenidae						N
SNA	SNA	<i>Leiostomus xanthurus</i>	Spot	Sciaenidae						N
SNA	SNA	<i>Micropogonias undulatus</i>	Atlantic Croaker	Sciaenidae						N
SU	SU	<i>Apeltes quadracus</i>	Fourspine Stickleback	Gasterosteidae					I	N
S4	S4	<i>Culaea inconstans</i>	Brook Stickleback	Gasterosteidae	N	N			I	
S1	SX	<i>Gasterosteus aculeatus</i>	Threespine Stickleback	Gasterosteidae						X

*See page 10 for definitions of ranks †N = native X = native but extirpated I = introduced

NatureServe National (N) and Subnational/State (S) Conservation Status Ranks (Master et al. 2012)

Status	Definition
NX SX	Presumed Extirpated —Species or ecosystem is believed to be extirpated from the jurisdiction (i.e., nation, or state/province). Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered. [Equivalent to “Regionally Extinct” in IUCN Red List terminology]
NH SH	Possibly Extirpated —Known from only historical records but still some hope of rediscovery. There is evidence that the species or ecosystem may no longer be present in the jurisdiction, but not enough to state this with certainty. Examples of such evidence include (1) that a species has not been documented in approximately 20-40 years despite some searching and/or some evidence of significant habitat loss or degradation; (2) that a species or ecosystem has been searched for unsuccessfully, but not thoroughly enough to presume that it is no longer present in the jurisdiction.
N1 S1	Critically Imperiled —At very high risk of extirpation in the jurisdiction due to very restricted range, very few populations or occurrences, very steep declines, severe threats, or other factors.
N2 S2	Imperiled —At high risk of extirpation in the jurisdiction due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.
N3 S3	Vulnerable —At moderate risk of extirpation in the jurisdiction due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.
N4 S4	Apparently Secure —At a fairly low risk of extirpation in the jurisdiction due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.
N5 S5	Secure —At very low or no risk of extirpation in the jurisdiction due to a very extensive range, abundant populations or occurrences, with little to no concern from declines or threats.
N#N# S#S#	Range Rank —A numeric range rank (e.g., S2S3 or S1S3) is used to indicate any range of uncertainty about the status of the species or ecosystem. Ranges cannot skip more than two ranks (e.g., SU is used rather than S1S4).
NU SU	Unrankable —Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
NNR SNR	Unranked —National or subnational conservation status not yet assessed.
NNA SNA	Not Applicable —A conservation status rank is not applicable because the species or ecosystem is not a suitable target for conservation activities. ¹

Master, L.L., D. Faber-Langendoen, R. Bittman, G.A. Hammerson, B. Heidel, L. Ramsay, K. Snow, A. Teucher, and A. Tomaino. 2012. *NatureServe Conservation Status Assessments: Factors for Evaluating Species and Ecosystem Risk*. NatureServe, Arlington, Virginia. 64 pages.