



Society for Freshwater Science
TAXONOMIC CERTIFICATION PROGRAM

Fish Identification Certification Exam Study List for Pennsylvania

<u>Scientific Name</u>	<u>Common name</u>
<i>Acantharchus pomotis</i>	mud sunfish
<i>Acipenser brevirostrum</i>	shortnose sturgeon
<i>Acipenser fulvescens</i>	lake sturgeon
<i>Acipenser oxyrinchus</i>	atlantic sturgeon
<i>Alosa aestivalis</i>	blueback herring
<i>Alosa chrysochloris</i>	skipjack herring
<i>Alosa mediocris</i>	hickory shad
<i>Alosa pseudoharengus</i>	alewife
<i>Alosa sapidissima</i>	american shad
<i>Ambloplites rupestris</i>	rock bass
<i>Ameiurus catus</i>	white bullhead
<i>Ameiurus melas</i>	black bullhead
<i>Ameiurus natalis</i>	yellow bullhead
<i>Ameiurus nebulosus</i>	brown bullhead
<i>Amia calva</i>	bowfin
<i>Amia ocellicaudata</i>	eyespot bowfin



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<i>Ammocrypta pellucida</i>	eastern sand darter
<i>Anguilla rostrata</i>	american eel
<i>Apeltes quadracus</i>	fourspine stickleback
<i>Aphredoderus sayanus</i>	pirate perch
<i>Aplodinotus grunniens</i>	freshwater drum
<i>Atractosteus spatula</i>	alligator gar
<i>Campostoma anomalum</i>	central stoneroller
<i>Carassius auratus</i>	goldfish
<i>Carpiodes carpio</i>	river carpsucker
<i>Carpiodes cyprinus</i>	quillback
<i>Carpiodes velifer</i>	highfin carpsucker
<i>Catostomus catostomus</i>	longnose sucker
<i>Catostomus commersonii</i>	white sucker
<i>Channa argus</i>	northern snakehead
<i>Chrosomus eos</i>	northern redbelly dace
<i>Chrosomus erythrogaster</i>	southern redbelly dace
<i>Clinostomus elongatus</i>	redside dace
<i>Clinostomus funduloides</i>	rosyside dace
<i>Coregonus artedii</i>	cisco



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<i>Coregonus clupeaformis</i>	lake whitefish
<i>Cottus bairdii</i>	mottled sculpin
<i>Cottus caeruleomentum</i>	blue ridge sculpin
<i>Cottus cognatus</i>	slimy sculpin
<i>Cottus girardi</i>	potomac sculpin
<i>Cottus ricei</i>	spoonhead sculpin
<i>Cottus sp.</i>	checkered sculpin
<i>Ctenopharyngodon idella</i>	grass carp
<i>Culaea inconstans</i>	brook stickleback
<i>Cycleptus elongatus</i>	blue sucker
<i>Cyprinella analostana</i>	satinfin shiner
<i>Cyprinella spiloptera</i>	spotfin shiner
<i>Cyprinella whipplei</i>	steelcolor shiner
<i>Cyprinodon variegatus</i>	sheepshead minnow
<i>Cyprinus carpio</i>	common carp
<i>Dorosoma cepedianum</i>	gizzard shad
<i>Dorosoma petenense</i>	threadfin shad
<i>Enneacanthus chaetodon</i>	blackbanded sunfish
<i>Enneacanthus gloriosus</i>	bluespotted sunfish



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Enneacanthus obesus	banded sunfish
Erimystax dissimilis	streamline chub
Erimystax x-punctatus	gravel chub
Erimyzon oblongus	eastern creek chubsucker
Erimyzon sucetta	lake chubsucker
Esox americanus americanus	redfin pickerel
Esox americanus vermiculatus	grass pickerel
Esox lucius	northern pike
Esox lucius x E. masquinongy	tiger muskellunge
Esox masquinongy	muskellunge
Esox niger	chain pickerel
Etheostoma blennioides	greenside darter
Etheostoma caeruleum	rainbow darter
Etheostoma camurum	bluebreast darter
Etheostoma exile	iowa darter
Etheostoma flabellare	fantail darter
Etheostoma fusiforme	swamp darter
Etheostoma maculatum	spotted darter
Etheostoma nigrum	johnny darter
Etheostoma olmstedii	tessellated darter



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<i>Etheostoma tippecanoe</i>	tippecanoe darter
<i>Etheostoma variatum</i>	variegate darter
<i>Etheostoma zonale</i>	banded darter
<i>Exoglossum laurae</i>	tonguetied minnow
<i>Exoglossum maxillingua</i>	cutlip minnow
<i>Fundulus diaphanus</i>	banded killifish
<i>Fundulus heteroclitus</i>	mummichog
<i>Gambusia affinis</i>	western mosquitofish
<i>Gambusia holbrooki</i>	eastern mosquitofish
<i>Gasterosteus aculeatus</i>	threespine stickleback
<i>Hiodon alosoides</i>	goldeye
<i>Hiodon tergisus</i>	mooneye
<i>Hybognathus hankinsoni</i>	brassy minnow
<i>Hybognathus regius</i>	eastern silvery minnow
<i>Hybopsis amblops</i>	bigeye chub
<i>Hypentelium nigricans</i>	northern hog sucker
<i>Hypophthalmichthys nobilis</i>	bighead carp
<i>Ichthyomyzon bdellium</i>	ohio lamprey



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Ichthyomyzon fossor	northern brook lamprey
Ichthyomyzon greeleyi	mountain brook lamprey
Ichthyomyzon unicuspis	silver lamprey
Ictalurus furcatus	blue catfish
Ictalurus punctatus	channel catfish
Ictiobus bubalus	smallmouth buffalo
Ictiobus cyprinellus	bigmouth buffalo
Ictiobus niger	black buffalo
Labidesthes sicculus	brook silverside
Lampetra aepyptera	least brook lamprey
Lepisosteus oculatus	spotted gar
Lepisosteus osseus	longnose gar
Lepisosteus platostomus	shortnose gar
Lepomis auritus	redbreast sunfish
Lepomis cyanellus	green sunfish
Lepomis gibbosus	pumpkinseed
Lepomis gulosus	warmouth
Lepomis humilis	orangespotted sunfish
Lepomis macrochirus	bluegill



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Lepomis megalotis	longear sunfish
Lepomis microlophus	redear sunfish
Lepomis peltastes	northern sunfish
Lethenteron appendix	american brook lamprey
Lota lota	burbot
Luxilus chrysocephalus	striped shiner
Luxilus cornutus	common shiner
Lythrurus umbratilis	redfin shiner
Macrhybopsis hyostoma	shoal chub
Macrhybopsis storeriana	silver chub
Margariscus margarita	allegheny pearl dace
Menidia beryllina	inland silverside
Micropterus dolomieu	smallmouth bass
Micropterus punctulatus	spotted bass
Micropterus salmoides	largemouth bass
Micropterus salmoides salmoides	northern largemouth bass
Minytrema melanops	spotted sucker
Misgurnus anguillicaudatus	oriental weatherfish
Monopterus albus	asian swamp eel



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Morone americana	white perch
Morone chrysops	white bass
Morone chrysops x M. saxatilis	wiper
Morone saxatilis	striped bass
Moxostoma anisurum	silver redhorse
Moxostoma breviceps	smallmouth redhorse
Moxostoma carinatum	river redhorse
Moxostoma duquesnei	black redhorse
Moxostoma erythrurum	golden redhorse
Moxostoma macrolepidotum	shorthead redhorse
Moxostoma valenciennesi	greater redhorse
Myoxocephalus thompsonii	deepwater sculpin
Neogobius melanostomus	round goby
Nocomis biguttatus	hornyhead chub
Nocomis micropogon	river chub
Notemigonus crysoleucas	golden shiner
Notropis amoenus	comely shiner
Notropis ariommus	popeye shiner
Notropis atherinoides	emerald shiner



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Notropis bifrenatus	bridle shiner
Notropis blennius	river shiner
Notropis buccatus	silverjaw minnow
Notropis buchanani	ghost shiner
Notropis chalybaeus	ironcolor shiner
Notropis dorsalis	bigmouth shiner
Notropis heterodon	blackchin shiner
Notropis heterolepis	blacknose shiner
Notropis hudsonius	spottail shiner
Notropis photogenis	silver shiner
Notropis procne	swallowtail shiner
Notropis rubellus	rosyface shiner
Notropis stramineus	sand shiner
Notropis volucellus	mimic shiner
Notropis wickliffi	channel shiner
Noturus eleutherus	mountain madtom
Noturus flavus	stonecat
Noturus gyrinus	tadpole madtom
Noturus insignis	marginated madtom
Noturus miurus	brindled madtom



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Noturus stigmosus	northern madtom
Oncorhynchus clarkii	cutthroat trout
Oncorhynchus gorbuscha	pink salmon
Oncorhynchus kisutch	coho salmon
Oncorhynchus mykiss	rainbow trout
Oncorhynchus nerka	sockeye salmon
Oreochromis niloticus	nile tilapia
Osmerus mordax	rainbow smelt
Pararhinichthys bowersi	cheat minnow
Perca flavescens	yellow perch
Percina bimaculata	chesapeake logperch
Percina caprodes	logperch
Percina copelandi	channel darter
Percina evides	gilt darter
Percina macrocephala	longhead darter
Percina maculata	blackside darter
Percina oxyrhynchus	sharpnose darter
Percina peltata	shield darter
Percina shumardi	river darter
Percopsis omiscomaycus	trout-perch



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Petromyzon marinus	sea lamprey
Phenacobius mirabilis	suckermouth minnow
Pimephales notatus	bluntnose minnow
Pimephales promelas	fathead minnow
Pimephales vigilax	bullhead minnow
Polyodon spathula	paddlefish
Pomoxis annularis	white crappie
Pomoxis nigromaculatus	black crappie
Pylodictis olivaris	flathead catfish
Rhinichthys atratulus	blacknose dace
Rhinichthys cataractae	longnose dace
Rhinichthys obtusus	western blacknose dace
Salmo salar	atlantic salmon
Salmo trutta	brown trout
Salmo x Salvelinus trutta x fontinalis	tiger trout
Salvelinus fontinalis	brook trout
Salvelinus fontinalis x namaycush	splake
Salvelinus namaycush	lake trout



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<i>Sander canadensis</i>	sauger
<i>Sander vitreus</i>	walleye
<i>Scaphirhynchus platyrhynchus</i>	shovelnose sturgeon
<i>Scardinius erythrophthalmus</i>	rudd
<i>Semotilus atromaculatus</i>	creek chub
<i>Semotilus corporalis</i>	fallfish
<i>Strongylura marina</i>	atlantic needlefish
<i>Tinca tinca</i>	tench
<i>Trinectes maculatus</i>	hogchoker
<i>Umbra limi</i>	central mudminnow
<i>Umbra pygmaea</i>	eastern mudminnow