

Attachment 6. Target Fish Species

Target fish species for Washington State Toxics Monitoring Program: sorted by order of preference using feeding behavior, comparative value to historical data, likelihood of encounter, angler use (2005). Adapted from Northwest Science (1999).

blank	Common name	Scientific name	Habitat	Feeding	Water temp	Tolerance*	order of preference	Family name
	Largemouth bass	<i>Micropterus salmoides</i>	water col.	piscivore	warm	T	1	Centrarchidae
	Smallmouth bass	<i>Micropterus dolomieu</i>	water col.	piscivore	cool	I	2	Centrarchidae
	Walleye	<i>Stizostedion vitreum</i>	water col.	piscivore	cool	I	3	Percidae
	Rainbow trout	<i>Oncorhynchus mykiss</i>	hider	invert/piscivore	cold	S	4	Salmonidae
	Brown trout	<i>Salmo trutta</i>	hider	invert/piscivore	cold	I	5	Salmonidae
	Cutthroat trout	<i>Oncorhynchus clarki</i>	water col.	invert/piscivore	cold	S	6	Salmonidae
	Kokanee salmon	<i>Oncorhynchus nerka</i>	water col.	invertivore	cold	S	7	Salmonidae
	Yellow perch	<i>Perca flavescens</i>	water col.	invert/piscivore	cool	I	8	Percidae
	Channel catfish	<i>Ictalurus punctatus</i>	benthic	invert/piscivore	warm	T	9	Ictaluridae
	Brook trout	<i>Salvelinus fontinalis</i>	hider	invert/piscivore	cold	I	10	Salmonidae
	Lake trout	<i>Salvelinus namaycush</i>	benthic	piscivore	cold	S	11	Salmonidae
	White sturgeon	<i>Acipenser transmontanus</i>	benthic	invert/piscivore	cold	I	12	Acipenseridae
	Green sturgeon	<i>Acipenser medirostrus</i>	benthic	piscivore	cold	S	13	Acipenseridae
	Burbot	<i>Lota lota</i>	benthic	piscivore	cold	I	14	Gadidae
	Mountain whitefish	<i>Prosopium williamsoni</i>	benthic	invertivore	cold	I	15	Salmonidae
	Lake whitefish	<i>Coregonus clupeaformis</i>	water col.	invertivore	cold	I	16	Salmonidae
	Black crappie	<i>Pomoxis nigromaculatus</i>	water col.	invert/piscivore	warm	T	17	Centrarchidae
	Pumpkinseed	<i>Lepomis gibbosus</i>	water col.	invert/piscivore	cool	T	18	Centrarchidae
	White crappie	<i>Pomoxis annularis</i>	water col.	invert/piscivore	warm	T	19	Centrarchidae
	Rock bass	<i>Ambloplites rupestris</i>	water col.	invert/piscivore	warm	I	21	Centrarchidae
	Warmouth	<i>Lepomis gulosus</i>	water col.	invert/piscivore	warm	T	22	Centrarchidae
	Green sunfish	<i>Lepomis cyanellus</i>	water col.	invert/piscivore	warm	T	23	Centrarchidae
	Bluegill	<i>Lepomis macrochirus</i>	water col.	invert/piscivore	warm	T	23.5	Centrarchidae
	Common carp	<i>Cyprinus carpio</i>	benthic	omnivore	warm	T	24	Cyprinidae
	Northern pikeminnow	<i>Ptychocheilus oregonensis</i>	water col.	invert/piscivore	cool	T	25	Cyprinidae
	Peamouth	<i>Mylocheilus caurinus</i>	water col.	invertivore	cool	I	26	Cyprinidae
	Brown bullhead	<i>Ameiurus nebulosus</i>	hider	invert/piscivore	warm	T	27	Ictaluridae
	Yellow bullhead	<i>Ameiurus natalis</i>	hider	invert/piscivore	warm	T	28	Ictaluridae
	Longnose sucker	<i>Catostomus catostomus</i>	benthic	invertivore	cold	I	29	Catostomidae
	Largescale sucker	<i>Catostomus macrochelius</i>	benthic	omnivore	cool	T	30	Catostomidae
	Chiselmouth	<i>Arocheilus alutaceus</i>	benthic	herbivore	cool	I	31	Cyprinidae
	Bridgelip sucker	<i>Catostomus columbianus</i>	benthic	herbivore	cool	T	32	Catostomidae
	Mountain sucker	<i>Catostomus platyrhynchus</i>	benthic	herbivore	cool	I	33	Catostomidae
	Sculpins	<i>Cottus sp.</i>	benthic	invertivore	cool	T	34	Cottidae
	Starry flounder	<i>Platichthys stellatus</i>	benthic	invertivore	cold	S	35	Pleuronectidae

Use order of preference as a guide. Higher trophic level species preferred over lower level. Consider availability of fish, size, historical data available, mix of families/trophic levels per site, angler use.

*Overall pollution tolerance as sensitive (S), tolerant (T), or intermediate (I) - for fish species. Northwest Science 73(2):81-93.