

Documented Fish Species Distribution in the Whole Roanoke River Basin

Family	Common Name	Distribution Relative to Kerr Dam ^{1/}						
		Lake Gaston	Roanoke Rapids Lake	Roanoke River	Above Only	Below Only	Both	Native ^{7/}
Gars	Longnose gar	2/		2/			x	x
	Spotted gar			6/		x		
Herrings	Alewife	2/	2/	2/			x	x
	American shad			2/		x		x
	Blueback herring	2/	2/	2/			x	x
	Gizzard shad	2/	2/	2/			x	x
	Hickory shad			2/		x		x
	Threadfin shad			2/			x	
Pikes	Chain pickerel	2/		2/			x	x
	Muskellunge						x	
	Northern pike						x	
	Redfin pickerel			2/			x	x
Minnows	Blacknose dace						x	x
	Bluehead chub	3/					x	x
	Bluntnose minnow				x			
	Bull chub						x	x
	Central stoneroller				x			x
	Comely shiner			2/			x	x
	Common carp	2/	2/	2/			x	
	Common shiner	3/					x	x
	Creek chub						x	x
	Crescent shiner						x	x
	Cutlip minnow				?			x
	Eastern silvery minnow			2/			x	x
	Fallfish				?			
	Flathead minnow				?			
	Golden shiner	2/	2/	2/			x	x
	Goldfish						?	
	Highfin shiner				?			x
	Ironcolor shiner					?		x
	Longnose dace				x			
	Mimic shiner				?			x
	Mountain redbelly dace						?	x
	Redlip shiner				?			x
	Rosefin shiner						x	x
	Rosyside dace						x	x
	Satinfin shiner	2/	2/	2/			x	x
	Spotfin shiner				?			
Spottail shiner	2/	2/	2/			x	x	
Swallowtail shiner	2/	2/	2/			x	x	
White shiner				x			x	
Whitemouth shiner						x	x	
Suckers	Bigeye jumprock				x			x
	Black jumprock				x			x
	Creek chubsucker	2/	2/	2/			x	x
	Golden redhorse	2/		2/			x	x
	Lake chubsucker	3/				?		x
	Northern hogsucker	3/					x	x
	Quillback	3/					?	x
	Roanoke hogsucker				x			x
	Rustyside sucker				x			x
	Shorthead redhorse	2/	2/	2/			x	x
	Silver redhorse	2/		2/			x	x
	Smallmouth buffalo	2/					x	
	Torrent sucker				x			x
	V-lip redhorse	2/		2/			x	x
	White sucker	2/					x	x

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Lampreys	Sea lamprey					x		x
Catfishes	Black bullhead	3/					x	
	Blue catfish		2/	2/			x	
	Brown bullhead	2/		2/			x	x
	Channel catfish	2/	2/	2/			x	
	Flat bullhead	2/	2/	2/			x	x
	Flathead catfish						x	
	Margined madtom			2/			x	x
	Orangefin madtom				x			x
	Snail bullhead				x			
	Tadpole madtom					x		x
	White catfish	2/	2/	2/			x	x
	Yellow bullhead	2/		2/			x	x
	Temperate Basses	Striped bass	2/	2/	2/			x
White bass		3/					x	x
White perch		2/	2/	2/			x	x
Yellow bass		3/				x		
Sunfishes	Banded sunfish	2/	2/	2/			x	x
	Black banded sunfish				?			x
	Black crappie	2/	2/	2/			x	x
	Bluegill	2/	2/	2/			x	
	Bluespotted sunfish	2/	2/	2/			x	x
	Flier			2/			x	x
	Green sunfish	2/	2/	2/			x	
	Largemouth bass	2/	2/	2/			x	
	Longear sunfish	3/				?		
	Mud sunfish	3/					x	x
	Orangespotted sunfish	3/				?		
	Pumpkinseed	2/	2/	2/			x	x
	Redbreast sunfish	2/	2/	2/			x	x
	Redear sunfish	2/	2/	2/			x	x
	Roanoke bass				x			x
	Rockbass				x			
	Smallmouth bass				x			
	Spotted bass				x			
	Warmouth	2/	2/	6/			x	x
	White crappie	3/					x	
Perches	Carolina darter						?	x
	Fantail darter						x	x
	Glassy darter	2/					?	x
	Johnny darter	2/					x	x
	Riverweed darter				x			x
	Roanoke darter			2/			x	x
	Roanoke logperch				x			x
	Sawcheek darter				?			x
	Shield darter			2/			?	x
	Swamp darter						x	x
	Tesellated darter	2/	2/	2/			x	x
	Walleye	2/	2/	2/			x	x
	Yellow perch	2/	2/	2/			x	x
	Livebearers	Eastern mosquitofish	2/		2/			x
Western mosquitofish		3/				?		
Freshwater eels	American eel			2/		x		x
Needlefishes	Atlantic needlefish			2/		x		x

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Anchovies	Bay anchovy			2/		x		x
Bowfins	Bowfin			2/			?	x
Lefteye flounders	Southern flounder			2/		x		x
Sturgeons	Atlantic sturgeon			4/		x		x
	Shortnose sturgeon			5/				
Mudminnows	Eastern mudminnow	3/		6/			x	x
Pirate perches	Pirate perch	2/		6/			x	x
Salmonidae	Brook trout				x			x
	Brown trout				x			
	Rainbow trout				x			
Cavefishes	Swampfish					x		x
Killifishes	Banded killifish						?	x
	Lined topminnow					x		x
	Speckled killifish				x			x
Sculpin	Mottled sculpin				x			x
Total Number	126	55	29	14	31	20	75	95

1/ Primary source Jenkins and Burkhead (1993), with judgement of likely current distribution.

2/ NCP 1997b, 1997d.

3/NCWRC unpublished data from Piedmont Fisheries Investigations for 1963 to 1992, Virginia Department of Game and Inland Fisheries (VDGIF) 1994.

4/ Miscellaneous sources.

5/ Current and historical presence undocumented (NMFS, 1997). One shortnose sturgeon captured in Bachelor Bay during spring 1998 (Johnson, Letter, NCDMR, June 9, 1998).

6/ USFWS comments on fish species presence in lower Roanoke River.

7/ Native to some portion of basin (primary source Jenkins and Burkhead, 1993)