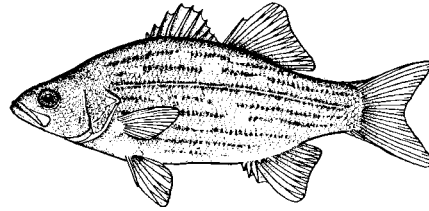


Striped Bass - Hybrid (*Morone saxatilis* x *Morone chrysops*)

General Information

This striped bass x white bass hybrid has been introduced into Spruce Run Reservoir, Lake Hopatcong and Manasquan Reservoir. It is differentiated from pure strain stripers by its deeper body and broken stripes.



Native Range | Not applicable

Habitat Description

Lake: Large, clear, relatively deep bodies of water. Reside in mid-water, in open water in mid-June, over the summer seek the coolest available temp. with highest dissolved oxygen. Will tolerate lower dissolved oxygen levels to avoid temp. > 27°C. When stratification breaks up disperse throughout the waterbody. Do not relate to structure during winter months, follow schools of forage. Found in areas with underwater structure during the spring and early summer. Prefer drop-offs along submerged river channels and standing timber. May migrate up river inlets late Feb. - March and downstream in April - May. (Woods and Lockwood 1985; Muncy and Demauro 1990; Carlander 1997)

River: More of a lake species, but can be found in larger river systems. Sometimes migrate into rivers and streams during Feb. and March and move back downstream in April - May.

Optimum Habitat Requirements

Dissolved Oxygen	≥ 4 mg/l
Temperature	21° - 27° C
pH	
Turbidity	
Current	

Diet

Fry	microcrustacean & insect larvae
Juveniles	invertebrates and fish
Adults	mostly fish, some invertebrates.
Notes: sight feeders	

Growth (mm)

Age	I	II	III	IV	V	VI	VII
	299	422	418	525	570		

Notes: Data taken from Lake Hopatcong in 1995.

Reproduction

Time of Year		Age Males Mature	
Temperature Range		Age Females Mature	
Water Depth	STERILE		
Substrate			
Time of Day			
Critical pH		Days to Hatching	
Vegetation		Stable Water Level	

Notes: