

GREEN LAKE

Dedham and Ellsworth Twps., Hancock Co.
U.S.G.S. Green Lake, ME (7 1/2')

Fishes

Landlocked salmon	Minnows
Lake trout (togue)	Common shiner
Brook trout	Creek chub
Sunapee charr	Fallfish (chub)
Rainbow smelt	White sucker
Smallmouth bass	Hornpout (bullhead)
White perch	Banded killifish
Yellow perch	Threespine stickleback
Chain pickerel	Pumpkinseed sunfish
	American eel

Physical Characteristics

Eastern Part

Area- 2,111 acres	Temperatures
	Surface- 74°F
Maximum depth- 82 feet	35 feet- 56°F
	80 feet- 40°F

Western Part

Area- 878 acres	Temperatures
	Surface- 73°F
Maximum depth- 170 feet	35 feet- 56°F
	140 feet- 40°F

Principal Fishery: Salmon, lake trout

Green Lake, a part of the Union River drainage, is one of the original homes of the landlocked salmon. The lake's proximity to the Ellsworth-Bangor area coupled with the decent fishing it offers accounts for the heavy fishing pressure it receives. A good public boat launching facility maintained by the city of Ellsworth is located along the southern shore. Another public site (a fee is charged) is available at the western end.

The lake provides excellent habitat for

coldwater sportfish. Salmon and lake trout provide reasonably good fisheries in most years. Salmon growth rate fluctuates in response to changes in smelt abundance. 1989 was an especially productive year when anglers caught salmon up to 4 1/2 pounds. In the following ice fishing season, salmon averaged a more typical 16 inches. In recent years, salmon growth rates have been below the 1990 figure. Substantial numbers of wild salmon are produced in Great Brook and Jellison Brook. Creel surveys indicate that wild salmon comprise from 30-45% of the salmon harvest in some years.

The lake trout fishery is entirely dependent upon stocking. Winter togue fishing is generally "slow" as catch rates are below the statewide average. Knowledgeable open water anglers trolling deep in the summer make some good catches. Most angled togue range from 3-3 1/2 pounds. They grow well; age IV fish sampled in the 1990 winter season averaged 20.3 inches long. The favorable growth rate is attributed to heavy predation on smelts, suckers, and sticklebacks. A distinctive and appealing feature of the togue fishery is that most fish are routinely in superb shape. Six to 8 pound togue are caught with sufficient frequency to spur increased angler interest.

Biologists have confirmed the presence of a relic population of Sunapee charr. Interestingly, a number of unusually small (5-7 inch), sexually mature charr have been captured, as well as a 15-inch specimen.

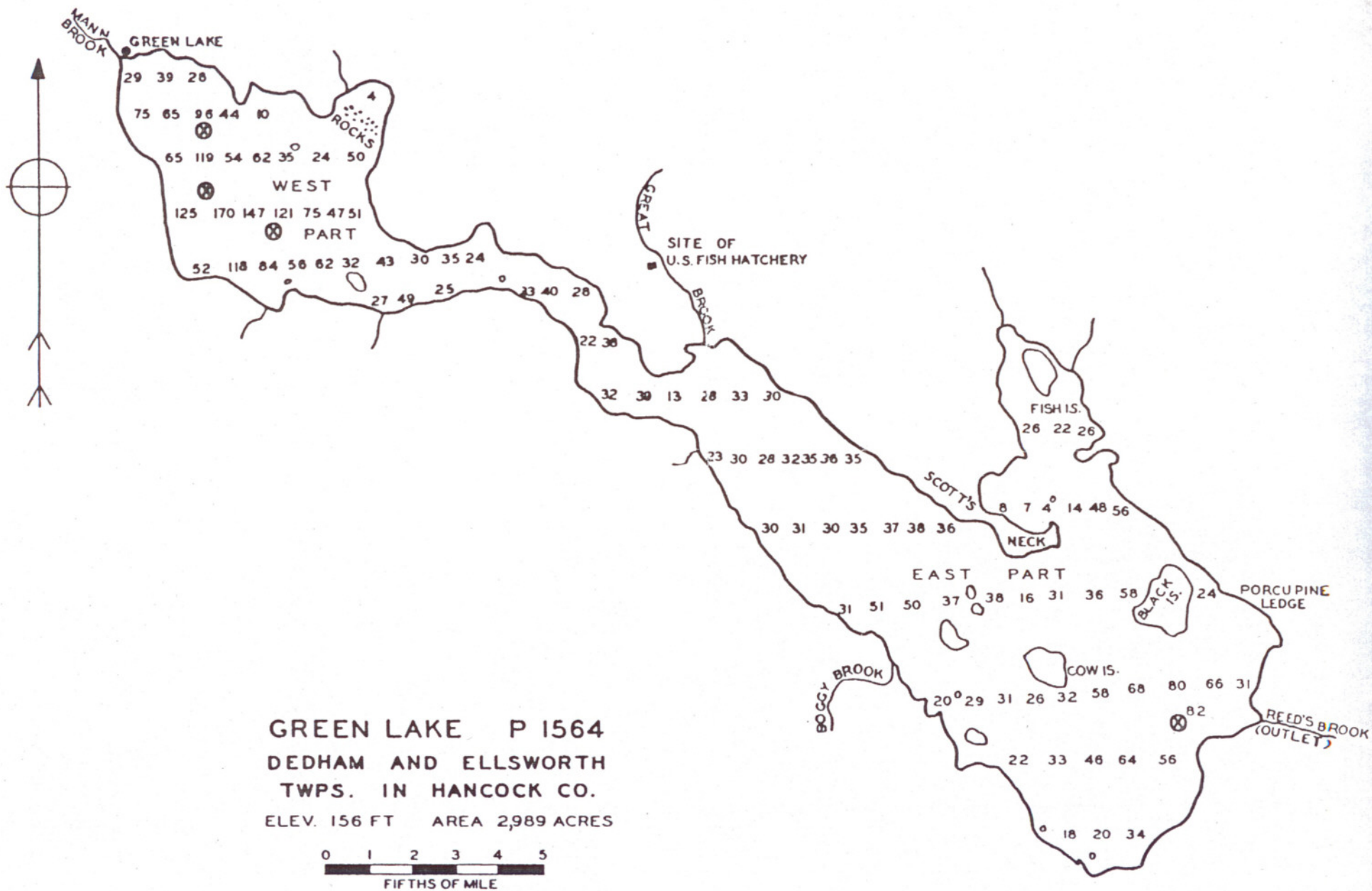
Although the lake is best known for its salmon and togue, it also produces some fine smallmouth bass. Surveys have shown that bass in the attractive 15 to 17-inch range comprise a better than average proportion of the population. Of further interest is the fact that the lake yields a few 3 1/2 to 4 pound smallmouths in most winters.

Surveyed - August, 1942

(Revised, 1953, 1975, 1995)

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GREEN LAKE P 1564
 DEDHAM AND ELLSWORTH
 TWPS. IN HANCOCK CO.
 ELEV. 156 FT AREA 2,989 ACRES

