

ECHO LAKE
T9 R11, Piscataquis Co.
U. S. G. S. Spider Lake, Me.

Fishes

| | |
|--------------------------|---------------------|
| Brook trout (squaretail) | Minnows |
| Lake trout (togue) | Common shiner |
| Yellow perch | Blacknose dace |
| Lake whitefish | Creek chub |
| Eel | Pearl dace |
| White sucker | Pumpkinseed sunfish |

Physical Characteristics

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|-------------------------|------------------|
| Area - 115 acres | Temperatures |
| | Surface - 77° F. |
| Maximum depth - 45 feet | 45 feet - 53° F. |

Echo Lake, located in the headwaters of the Aroostook River drainage, is considered very good habitat for existing populations of trout and togue. During the summer, water below 15 feet is cold with plenty of dissolved oxygen for cold-water fish.

The trout and togue populations in Echo Lake are maintained by natural reproduction. Shallow, rocky shoals along the shore appear to be adequate for togue spawning. The trout population is maintained by spawning in tributaries and spring holes and by migration from the outlet stream. The outlet is presently free of obstructions to fish migration.

Survey findings indicate a good population of small whitefish in Echo Lake. Togue were found to be feeding chiefly on whitefish and small yellow perch.

Brook trout production is limited by populations of yellow perch, sunfish, suckers, and minnows that compete with trout for available food and space. Chemical reclamation to reduce existing competing species is not justified at the present time because of the expense involved and the inaccessibility of the lake.

