## CHAMBERLAIN LAKE T6 R11, T6 R12, T7 R11, T7 R12, T7 R13, T8 R13, Piscataquis Co. U.S.G.S. Chesuncook, Churchill Lake, Telos Lake, Me.

## Fishes

Brook trout (squaretail) Minnows (cont'd) Lake trout (togue) Blacknose shiner Hornpout (bullhead) Blacknose dace Lake whitefish Pearl dace Round whitefish Finescale dace White sucker Common shiner Longnose sucker Lake chub Minnows Creek chub Fallfish (chub) Cusk Redbelly dace Threespine stickleback Freshwater sculpin

## Physical Characteristics

Area - 11,084 acres  ${\rm Surface}$  - 64 $^{\circ}$  F. Maximum depth - 154 feet 120 feet - 52 $^{\circ}$  F.

## Suggested Management

Chamberlain Lake is one of the largest and deepest lakes in northern Maine. The lake was once part of the Allagash River system, but construction of the Lock Dam at the original lake outlet many years ago, diverted the flow from Chamberlain and Allagash Lakes down Webster Brook into the East Branch Penobscot River. The flowage is now controlled by the dam at Telos Lake outlet.

Chamberlain Lake contains a tremendous volume of deep water that is cold with abundant dissolved oxygen throughout the summer. Water quality conditions are ideal for togue and brook trout. Lake shoal areas for togue spawning are abundant. Spawning usually takes place in these rocky shallows after October 15. Therefore, drawdown of the lake level through Telos dam should be made prior to this date to protect

togue eggs in the shallow water areas from exposure and freezing. A sizable whitefish population is the main food source of Chamberlain Lake togue.

The brook trout population is being maintained by natural reproduction and migration from adjoining waters.

Surveyed - August, 1958 Maine Department of Inland Fisheries and Game

