

# Memorandum

To : Star Lake, El Dorado County File

Date: May 19, 1981

From : **Department of Fish and Game**

Subject: Gill Netting October 9-10, 1980

To evaluate the fingerling brook trout planting program at Star Lake fin clipped (adipose) brooks were released into the lake in 1979.

The lake was gill netted overnight on October 9 - 10, 1980 with the following results:

	Brook Trout	
	Adipose clip	non-clip
No.	0	140
length (fl)		7.9

At Star Lake, natural reproduction is sufficient to develop an excellent fish population. The annual plant of fingerlings should be discontinued.

The average size of brook trout has decreased by two inches since the 1976 gill netting survey. Hopefully, discontinuing hatchery plants will eliminate that source of food consumption, size reduction, and the fish population will once again become healthy.

A 1983 gill netting survey should be accomplished to look at the fishery.

Since the closure of private land near the trailhead at South Lake Tahoe, the uphill, seven mile trip has discouraged anglers from fishing the lake. Anglers should be encouraged to fish Star Lake (Forest Service and local sporting goods stores used as sources of information) and keep the fish population within the limit of its food supply.



Russell Wickwire  
Fishery Biologist

cc: J. Richard

RW:ss