

# Memorandum

To : Survey Files

Date: March 1, 1977

From : **Department of Fish and Game** - Region 2

Subject: Middle Velma Lake, El Dorado County

One monofilament gill net was set for 14½ hours on August 25-26, 1976. The net caught three RT Ad mark: 10.1, 11.4, 12.2 inches and 2 RT 6.0 and 6.8 inches. The 6.8 RT had possibly two types of round worms in the body cavity (Similar to Blue Lake Fish). There was an orange jello mass anteriorally and white worms posterior. The stomach was full of insects, but the liver was mushy. The fish appeared in excellent condition externally. None of the other fish were apparently infected. Red florescent pigment was observed on one of the smaller RT.

In August 1975 one mono was fished for the same length of time and caught 32 RT. Of this number 28 were marked Ad (1974 plant of RTKJ). The other four were florescent pigmented fish planted in July 1975.

It is apparent that a high mortality takes place after their second year in the lake. Whether the worms are the cause is not known at this time, but it appears probable.



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