

## - Region 2

## Significant Trends in the Yuba River District During 1985

Continued surveys of Letts Lake (Colusa County) showed that the 1982 introduction of LMB, SMB and CCF continues to control GS in this catchable trout water. Growth and catch rate on planted RT has increased since the management change. Centrarchids and Ictalurids are reproducing and providing excellent fisheries. Water clarity has increased by over 300% since the demise of the GS, but weed growth is now becoming a problem. Enhancement of crayfish habitat has begun, and lake fertilization may be undertaken in the future to control weed growth.

Water stabilization at Stonygorge Reservoir (Colusa County) and Black Butte Reservoir (Glenn County) continues to provide dividends in strong year classes of WCR, BCR, RSF and LMB at those waters. Several large habitat enhancement projects are underway at Black Butte. Island and reef construction in excess of 12,000 cubic yards of rock should continue in 1986/87.

Success of the trophy trout (catch-and-release) fishery at Milton Reservoir (Nevada County) was mixed this year. Gill netting yielded large numbers of two to four pound BN, but anglers are having an increasingly hard time fishing the water due to weed encroachment. Past proposals for weed removal have met with mixed reviews from sportsmen.

The catchable trout/fingerling trout program at Jackson Meadows Reservoir (Nevada County) continues to produce well. A 1983 tagging study on RTS, RTSxRTKJ, and ELT catchables continues to produce returns. To date, those amount to 54%, 56% and 51% respectively. Gill netting continues to show fingerling plants contributing about 65% of all catchable-size RT in the lake, with the catchable program providing the rest.

The KOK program at Bullards Bar Reservoir (Yuba County) has not suffered from the stocking of 100,000 RT fingerlings in 1985. The KOK fishery is producing well this year (9-11 inch fish) and the RT are now numerous at 8-10 inch. The status of the McConaghy RT in this water is unknown at this time.

The proposed special regulation section of the North Fork Yuba River, Sierra County (Sierra City to Ladies Canyon Creek) will be monitored during the 1986 field season. Proposed regulations on this water will likely include a 10-inch minimum size limit, two-fish bag and standard gear restrictions.

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