

Memorandum

To : Files

Date: October 26, 1970

From : Department of Fish and Game

Subject: East Park Reservoir, Colusa County, Population Sampling

East Park Reservoir was sampled by making four seine hauls with a 75-foot beach seine on October 20, 1970. The reservoir level had been drawn down to an extremely low level (2,800 acre feet). The surface water temperature was 62°F at 1500. Maximum depth 15', average 5'.

Results:

Haul No. 1 Boat Launching Area near Dam - 1-4' deep

<u>Species</u>	<u>No.</u>	<u>Size</u>
Suckers	2	6-18"
Sunfish	213	2-5" (bluegill and redear sunfish mostly the latter)
Smallmouth bass	12	3-5"
Largemouth Bass	24	3-6"
Golden shiner	50-100	2-4"
Channel catfish	2	2-4"
Threadfin shad	Several hundred	1-5" (mostly 1")

Haul No. 2 (same area)

Asst. sunfish	296	2-5" (mostly redear)
Redear sunfish	1	8"
Green sunfish	1	2"
Channel catfish	1	3"
Largemouth bass	42	3-5"

Haul No. 3 (at Century Ranch Boat Ramp)

Largemouth bass	3	10"
Largemouth bass	23	3-6"
Sunfish	200	2-5" (mostly redear)
Threadfin shad	several hundred	mostly 3-4"

Haul No. 4 (Near Century Ranch Boat Ramp)

Sunfish	121	2-8"
Largemouth bass	25	3-5"
Largemouth bass	3	8-10"
Threadfin	(several hundred - half over 3")	

Three anglers on reservoir possessed a $2\frac{1}{2}$ lb. channel catfish and a dozen golden shiners 7-9".

General Observations

1. Some channel catfish reproduction is occurring in East Park Reservoir.
2. Largemouth bass and redear sunfish reproduction is good.
3. Forage fish, golden shiners and threadfin shad, mostly the latter are very numerous.
4. Suckers do not appear to be abundant.
5. Carp, hitch, blackfish, hardhead and squawfish which were formerly abundant prior to the last chemical treatment were not present in seine hauls. East Park Reservoir with the exception of the moderate number of large golden shiners does not appear to have a roughfish problem.

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