

JOB PROGRESS REPORT

As required by

FEDERAL AID IN FISHERIES RESTORATION ACT

TEXAS

Federal Aid Project No. F-2-15

REGION 2-B FISHERIES STUDIES

Job No. B-24: Fisheries Resurvey of Lake Lyndon B. Johnson

Project Leader: Richard L. White

J. R. Singleton
Executive Director
Texas Parks and Wildlife Department
Austin, Texas

Marion Toole
D-J Coordinator

Eugene A. Walker
Director, Wildlife Services

November 13, 1968

Job Progress Report

State of Texas

Project No. F-2-15

Name: Region 2-B Fisheries Studies

Job No. B-24

Title: Fisheries Resurvey of Lake Lyndon B. Johnson

Period Covered: February 1, 1967 to January 31, 1968

Objectives:

To analyze and evaluate for possible publication (other than a Job Progress Report) data collected under Job B-24, F-2-12, F-2-13 and F-2-14.

Procedures:

Published literature was screened regarding the effect of commercial fishing on fishery complexes in freshwater lakes. Data obtained during 3 segments of work were reviewed and evaluated for publication as an Inland Fisheries Bulletin.

Findings:

Although data indicated that a population change (a shift in smallmouth buffalo-river carpsucker ratio) occurred during the commercial netting of Lake Lyndon B. Johnson, it was felt by project personnel that additional data should be collected over a 3-year post-commercial netting period. This control period collection of data would determine whether the population changes were permanent or if the fish populations returned to the pre-netting state. This information was felt to be necessary for an accurate analysis of the effects of commercial netting. The job was amended to postpone publication of this study until all of the data had been collected.

Prepared by: Richard L. White
Project Leader

Approved by: Marion Toole
Coordinator

Date: November 13, 1968

FRED G. LOWMAN
Inland Fisheries Supervisor