

STATE Montana
PROJECT F-6-R-1
DATE March 31, 1952
VOL. 1 NO. 3

QUARTERLY PROGRESS REPORT FOR
INVESTIGATIONS PROJECTS

As Required by

FEDERAL AID IN FISH AND WILDLIFE RESTORATION ACTS

1. Title of Project: Southeastern Montana Fisheries Study
2. Leader: Arthur N. Whitney, Junior Biologist
3. Report of Progress:

- Job I-A: Cataloging the Waters of the Project Area.
An aerial survey of part of the Tongue River drainage was made in cooperation with a P-R big game survey over the same area. Nineteen reservoirs which were not previously known to the project leader were located by this method. Adverse driving conditions prohibited reaching most of the ponds in the project area during this quarter. Ponds which could be reached were checked for snow and ice cover and dissolved oxygen content. Ice cover ranged from a maximum of 16 inches in January to 40 inches in March. Oxygen depletion has been observed on several ponds in March.
- Job II-A: Determination of Method for Estimating Fishing Pressure.
Inactive during report period.
- Job III-A: Experimental Fish Planting in Stockwater Reservoirs.
The search for experimental ponds was continued. No more ponds have been located definitely as yet, although several tentative offers have been made. The job outline for the continuation of this job next year has been completely rewritten to include all the species combinations which will be used, and the total number of ponds required. Only one of the experimental ponds located last year could be reached during this quarter. It is the one which was mapped last fall, and it has not been planted. It was checked for ice and snow cover, and field water chemistry.

Submitted by:

Name Arthur N. Whitney

Title Junior Biologist

Approved by:

Montana State Department of Fish and Game

By 

Title State Game Warden

Date April 7, 1952