

FISHERY RESEARCH



**FISHERY RESEARCH SUPERVISION AND SUPPORT
ANNUAL PERFORMANCE REPORT
1993-1994**

By:

Virgil K. Moore
Fisheries Research Manager

Thomas J. McArthur
Fisheries Staff Biologist

IDFG 95-14
April 1995

PROGRESS REPORT 1993-1994

State of: Idaho Title: Fishery Research Supervision
and Planning

Project No.: F-73-R-16 Subproject No.: I

Study No.: I Job No.: 1

Objective: To provide administrative support and direct the field operations and planning of all fishery research activities within the Department.

From April 1, 1993 to March 31, 1994, I directly supervised three Principal Fishery Research Biologist, two Fishery Staff Biologists, and one Senior Fishery Research Biologist. In addition, I provided indirect supervision of 12 Fishery Research Biologists and 6 Senior Fishery Technicians.

The Fisheries Research program in Idaho was reviewed by the State's Fishery Management Team and activities prioritized. Prioritized activities (16 projects) were reviewed by the Fisheries Research Team and the proposed action plan (objectives) submitted to the Director and Chief of Fisheries for review and approval. Work Plan meetings for individual projects objectives were reviewed by Department staff and implemented in 1994-1995.

I edited 18 annual reports for printing and submission to contractors, and 18 draft and final versions of annual reports were prepared by the Word Processing Specialists. Budgets (22) and contracts(8) for all research activities were prepared and submitted.

I coordinated with Department engineering staff, local planning and zoning, and the Idaho Fish and Wildlife Foundation to facilitate research office complex remodeling at the Nampa Hatchery, property acquisition, and modular facility construction for future placement there. Associate costs were prorated to individual F-73-R studies.

Author:

Virgil K. Moore
Fishery Research Manager

PROGRESS REPORT 1993-1994

State of: Idaho Title: Fishery Research Supervision and Planning

Project No.: F-73-R-1.6 Subproject No.: 1

Study No.: 1 Job No.: 2

Period Covered: April 1, 1993 to March 31, 1994

Objective: Conduct statewide angler opinion and harvest surveys; provide fisheries statistical and database support.

The outline which follows is a synopsis of activities conducted during the 1993-94 Federal Aid Contract period. Survey results are reported separately under individual studies.

Surveys Completed with results distributed to management.

- A. 1992 Fall Steelhead Season Harvest and Economic Value Survey
- B. Fall 1992 Bull Trout Harvest Survey
- C. 1992 Statewide Sturgeon Catch and Economic Value Survey
- D. 1993 Spring Steelhead Season Harvest and Economic Value Survey
- E. Spring 1993 Bull Trout Harvest Survey
- F. Point of Sale Vendor Survey
- G. Resident Warmwater and Coldwater Economic Value Survey
- H. Suggested Fishing Rules Survey 1993 Free Fishing Day Creel and Opinion Survey
- J. 1994 Public Opinion About Hunting in Idaho Survey
- K. License Dollar Survey

II. Training

- A. Survey Design and Sampling Workshop organized
- B. Project Management Seminar organized
- C. Coaching and Team Building Skills (attended)
- D. Attended Federal Aid Budget Preparation Seminar
- E. Conducted Time Management training for clerical staff
- F. Participated in Facilitator Training

III. University Graduate Studies Program Administration

- A. New Projects
 - 1. Bear Lake-University of Utah
 - 2. Kootenai River-Idaho State University
- B. Projects Completed
 - 1. Pend Oreille-University of Idaho
 - 2. Angler Market Segmentation Studies-University of Idaho

- C. Projects Continued
 - 1. Kokanee Age at Maturity-University of Idaho
 - 2. Supplementation-University of Idaho
 - 3. North Fork Payette-University of Idaho
 - 4. Bull Trout-University of Idaho

- IV. Statistical and Computer Consultation
 - A. Provided to Regional and Research fisheries personnel solutions to statistical analysis, survey problems, and database design and integration on a daily basis. Provided to Bureau of Wildlife and Wildlife Research laboratory consultation on surveys and experimental design.
 - B. Programming consultation on Hatchery Evaluation Database system, Creel Census System, and Broodstock database system.
 - C. Hatchery planting database retrieval for Bureau personnel and administration.
 - D. Consultation on hydroacoustics data acquisition program and transformation of data for statistical analysis.
 - E. Set up Kootenai River Creel Census.
 - F. Participated in aerial survey of Southeast Region reservoirs.
 - G. Created internal budget database.
 - H. Assisted with Angler Diary and Sturgeon Permit Analysis.

- V. Miscellaneous
 - A. Grade Technical Examinations
 - B. Organize job announcements (Technician, Senior Technician, Regional Fishery Biologist, Fishery Research Biologist) for recruitment purposes.
 - C. Work on library organization

Author:

Thomas J. McArthur
Fisheries Staff Biologist

Submitted by:

Virgil K. Moore
Fishery Research Manager

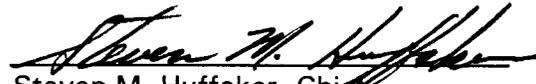
Thomas J. McArthur
Fisheries Staff Biologist

Approved by:

IDAHO DEPARTMENT OF FISH AND GAME

Funds Expended:

State: \$56,674
Federal: \$170,024
Total: \$226,698


Steven M. Huffaker, Chief
Bureau of Fisheries


Al Van Vooren
Fishery Research Manager