

Integrated Fish Production and Fisheries Research, IDFG and U of I: How Do They Fit?

ARI Industrial Affiliates Meeting, Research Review, and Workshop on
Global Aquaculture

October 29, 2019

Gary Byrne
Idaho Department of Fish and Game

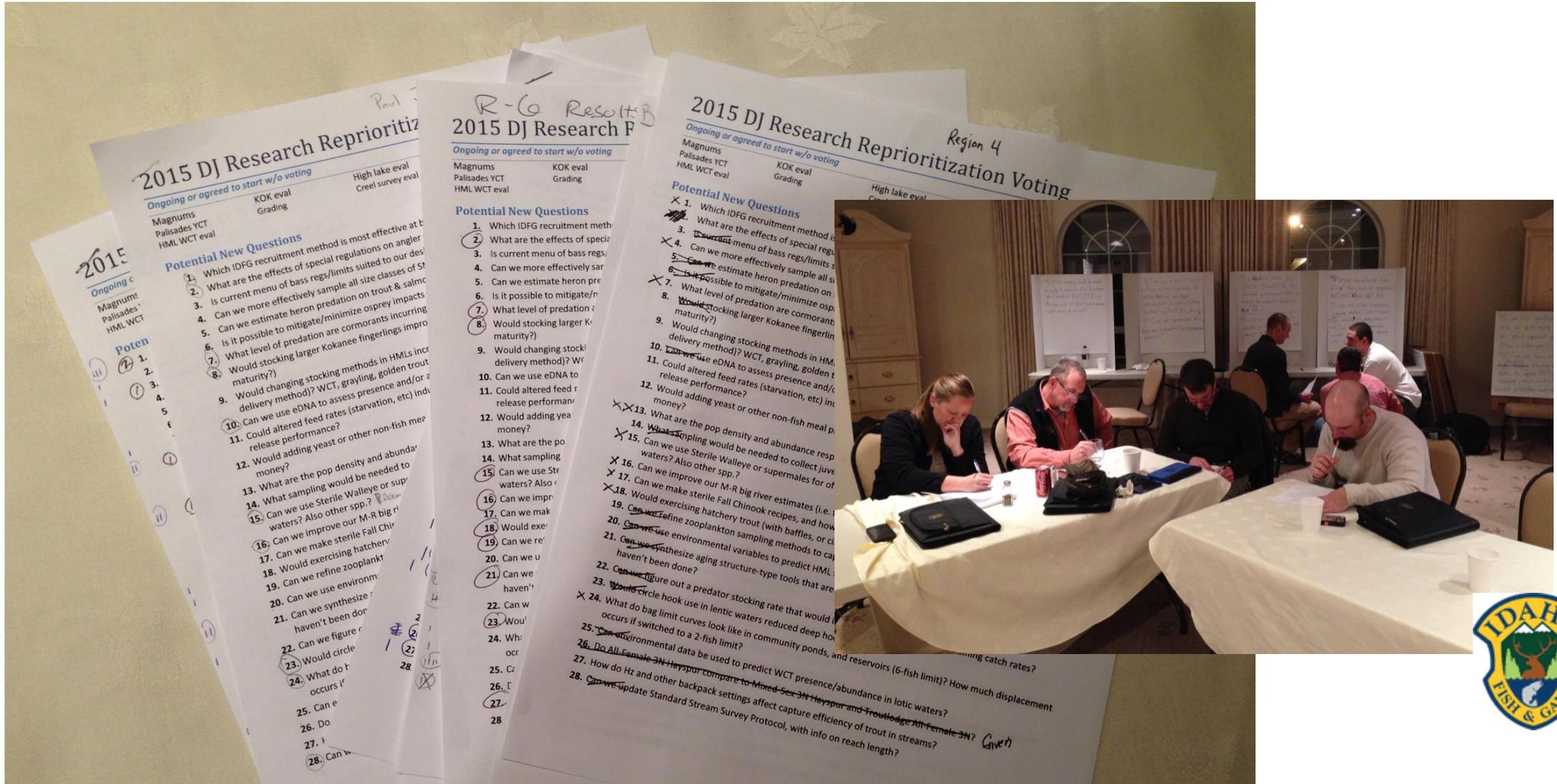


The Supporting Pillars of the IDFG Fisheries Program

- Fisheries Management
- Fisheries Research
- Fish Production
- Access
- Fish Health



Research Prioritization



Triploid Trout Innovation



YY Brook Trout



Tag! You're It! Estimating Angler Exploitation

Idaho Department of Fish and Game

TAG! YOU'RE IT!

Fish Tag Hotline (toll free): 1-866-258-0338
Website: fishandgame.idaho.gov



What to do when you catch a tagged fish:

Contact IDFG with this information:

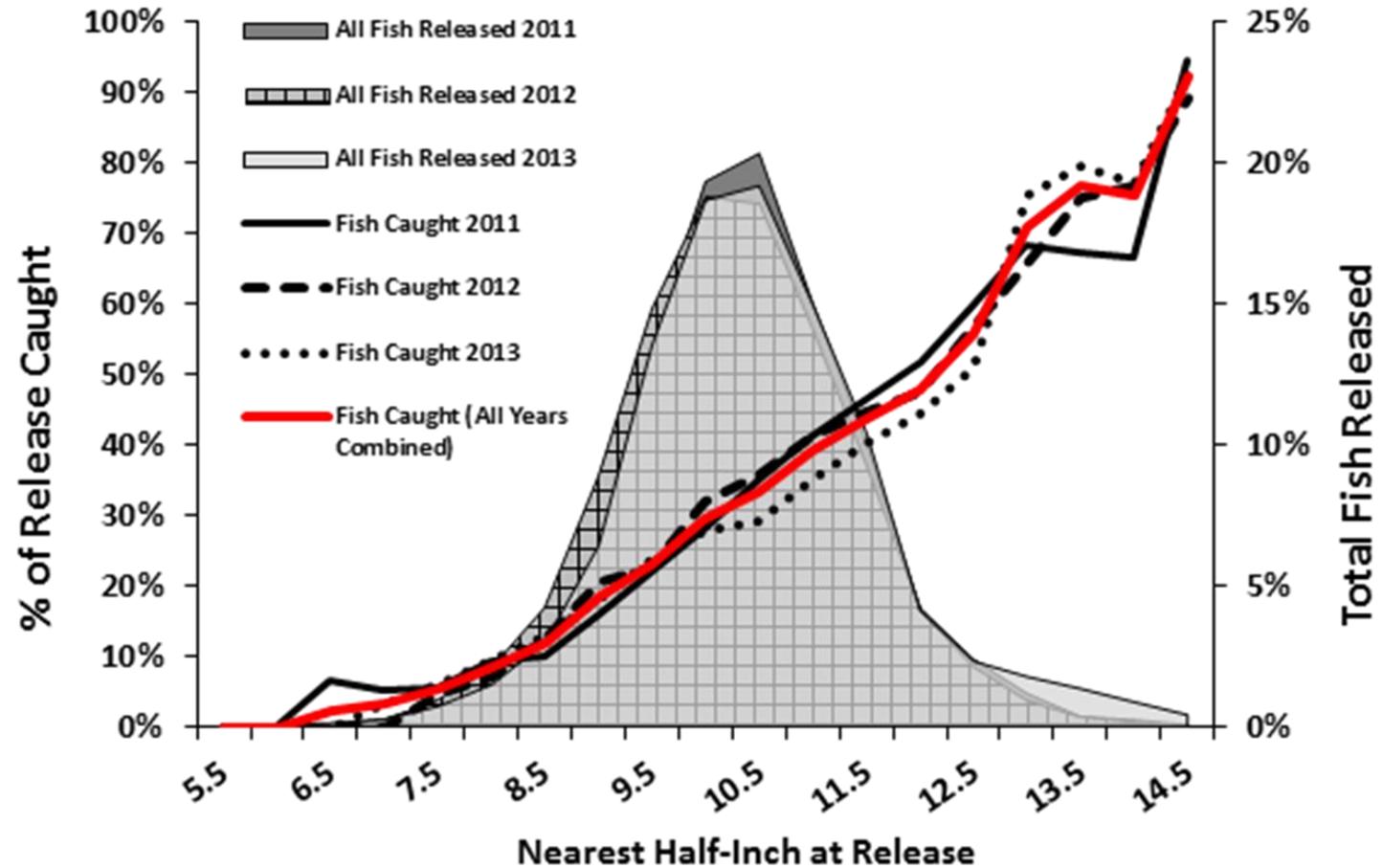
- ◆ Tag number(s)
- ◆ Where the fish was caught
- ◆ Date caught
- ◆ Species
- ◆ Length of fish
- ◆ Did you keep or release the fish?
- ◆ Did the fish have two tags?
- ◆ Would you have kept the fish if it were not tagged?
- ◆ If released, was the tag removed?
- ◆ Your name, address, and phone number.
- ◆ Do you want the tag returned to you?

Anglers may keep or release the tagged fish.

If you release the fish, please write down the tag number and release the fish with the tag intact. **The**



Angler-reported catch of hatchery-released trout



IDFG Fish Production Staff Published Paper

North American
Journal of Aquaculture



[Volume 78, Issue 3](#)

July 2016

Pages 229-233

Note

Effects of Initial Feed Timing on Early Survival and Growth of Triploid Hatchery Rainbow Trout

Beau J. Gunter , Bryan L. Grant

First published: 15 June 2016 | <https://doi.org/10.1080/15222055.2016.1159628>

[Read the full text >](#)

 PDF  TOOLS  SHARE

Abstract

The timing of initial feeding for trout fry varies greatly among hatchery professionals and may affect early survival and growth. The purpose of this study was to determine if there is a number of days posthatch to begin feeding triploid hatchery Rainbow Trout *Oncorhynchus mykiss* where they will experience the least mortality and most favorable growth rates. Treatment groups of triploid Rainbow Trout fry were fed for 30 d with initial feeding times of 13, 15, 17, 19, 21, and 25 d posthatch on 12.2°C water. Variations in survival, condition factor, size, and feed conversions between initial feed times were evaluated. The number of days posthatch prior to initial feeding did not have a significant impact on survival. The growth parameters measured showed significant variation depending on days posthatch prior to initial feeding, with the most favorable growth parameters found at 21 and 25 d posthatch.



Related



Information

Metrics

 score 0

Details

© 2016 American Fisheries Society

Publication History

Issue Online:
15 June 2016

Version of Record online:
15 June 2016

Manuscript accepted:
13 February 2016

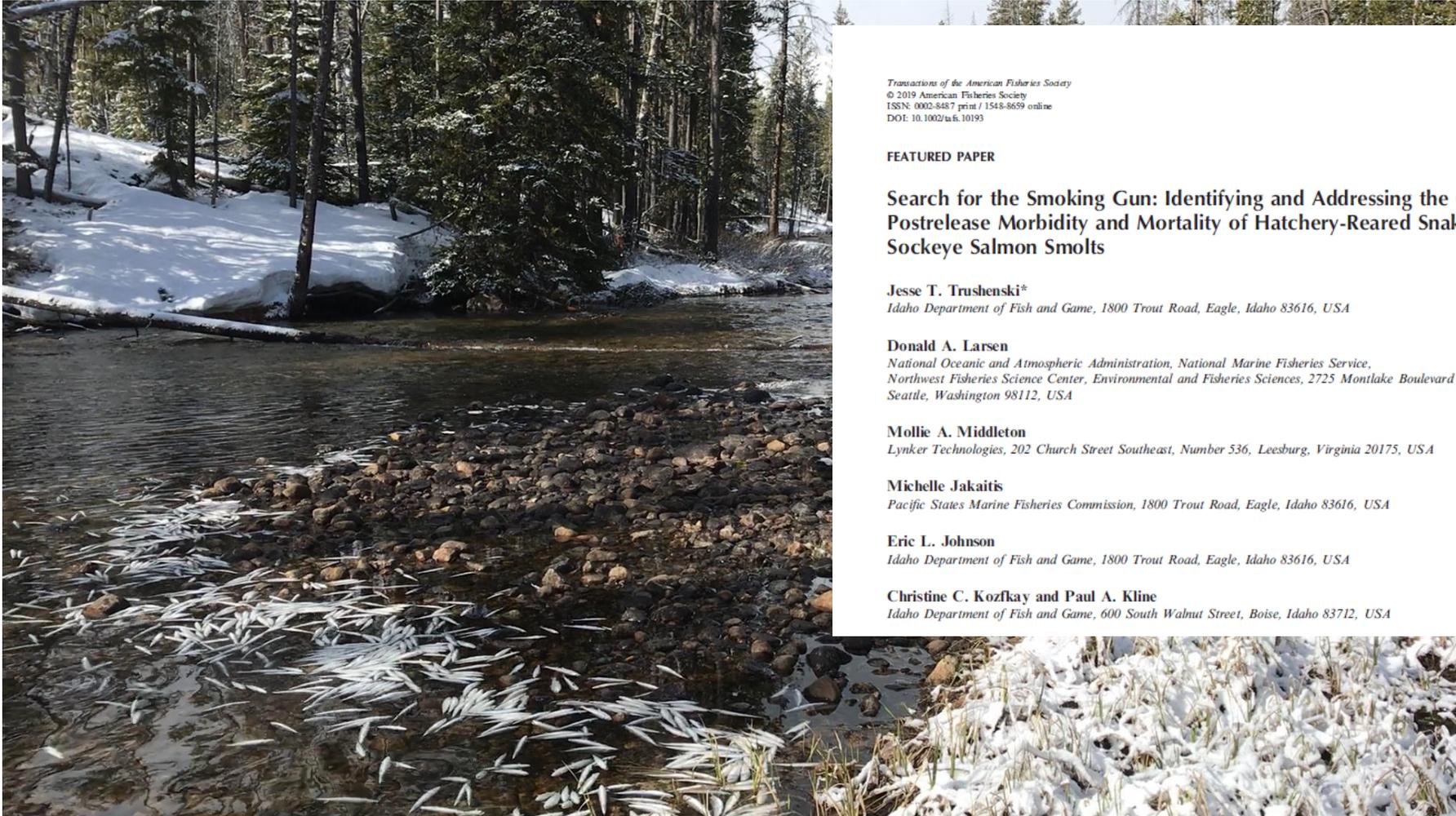
Manuscript received:
29 October 2015



Coho Salmon x Rainbow Trout Hybrid Trials



Snake River Sockeye Salmon Smolt Mortality



Transactions of the American Fisheries Society
© 2019 American Fisheries Society
ISSN: 0002-8487 print / 1548-8659 online
DOI: 10.1002/tafs.10193

FEATURED PAPER

Search for the Smoking Gun: Identifying and Addressing the Causes of Postrelease Morbidity and Mortality of Hatchery-Reared Snake River Sockeye Salmon Smolts

Jesse T. Trushenski*

Idaho Department of Fish and Game, 1800 Trout Road, Eagle, Idaho 83616, USA

Donald A. Larsen

National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Northwest Fisheries Science Center, Environmental and Fisheries Sciences, 2725 Montlake Boulevard East, Seattle, Washington 98112, USA

Mollie A. Middleton

Lynker Technologies, 202 Church Street Southeast, Number 536, Leesburg, Virginia 20175, USA

Michelle Jakaitis

Pacific States Marine Fisheries Commission, 1800 Trout Road, Eagle, Idaho 83616, USA

Eric L. Johnson

Idaho Department of Fish and Game, 1800 Trout Road, Eagle, Idaho 83616, USA

Christine C. Kozfkay and Paul A. Kline

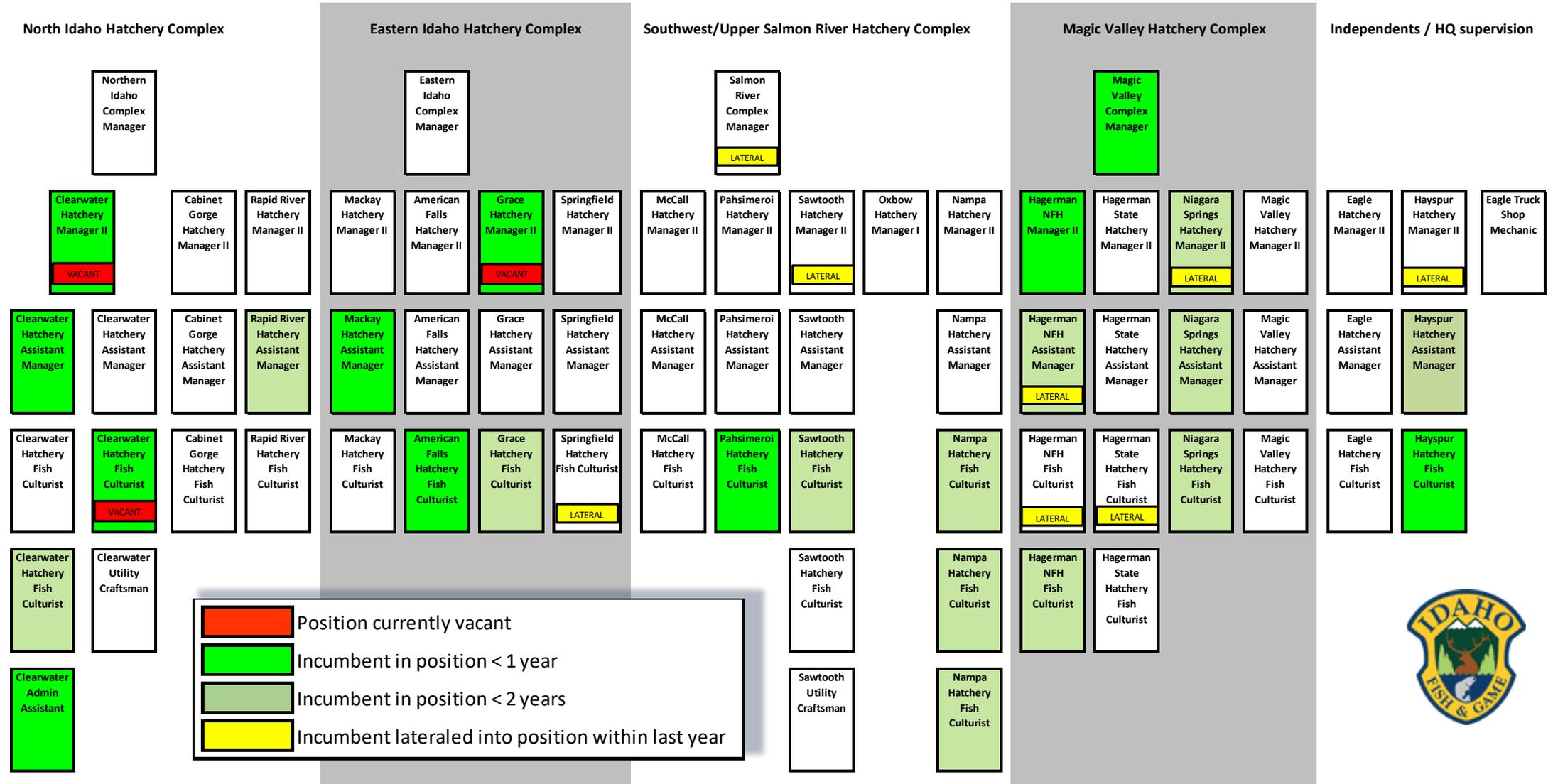
Idaho Department of Fish and Game, 600 South Walnut Street, Boise, Idaho 83712, USA



IDFG Fish Production New Hires, 2001-2019

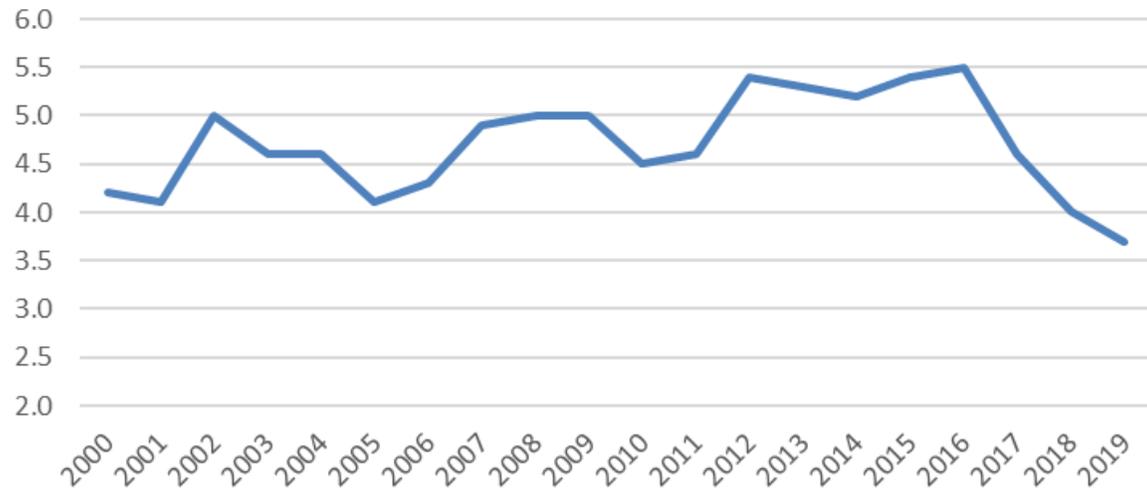


IDFG Fish Production Organizational Chart

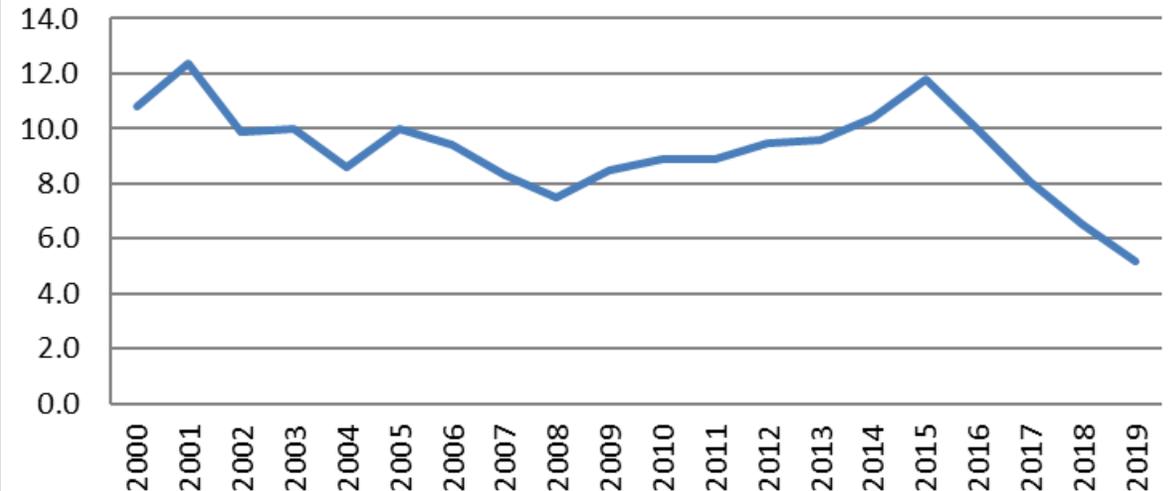


Experience and Tenure of Fish Hatchery Assistant Managers, 2000-2019

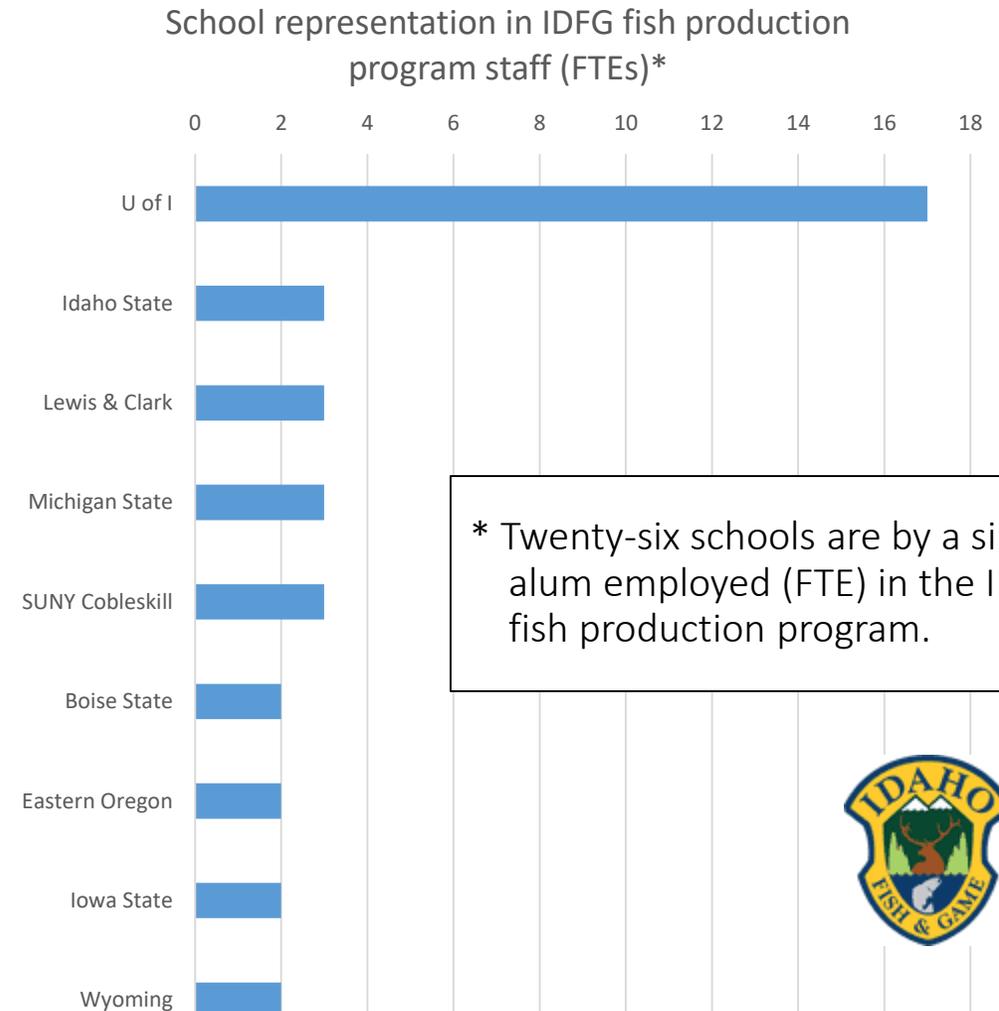
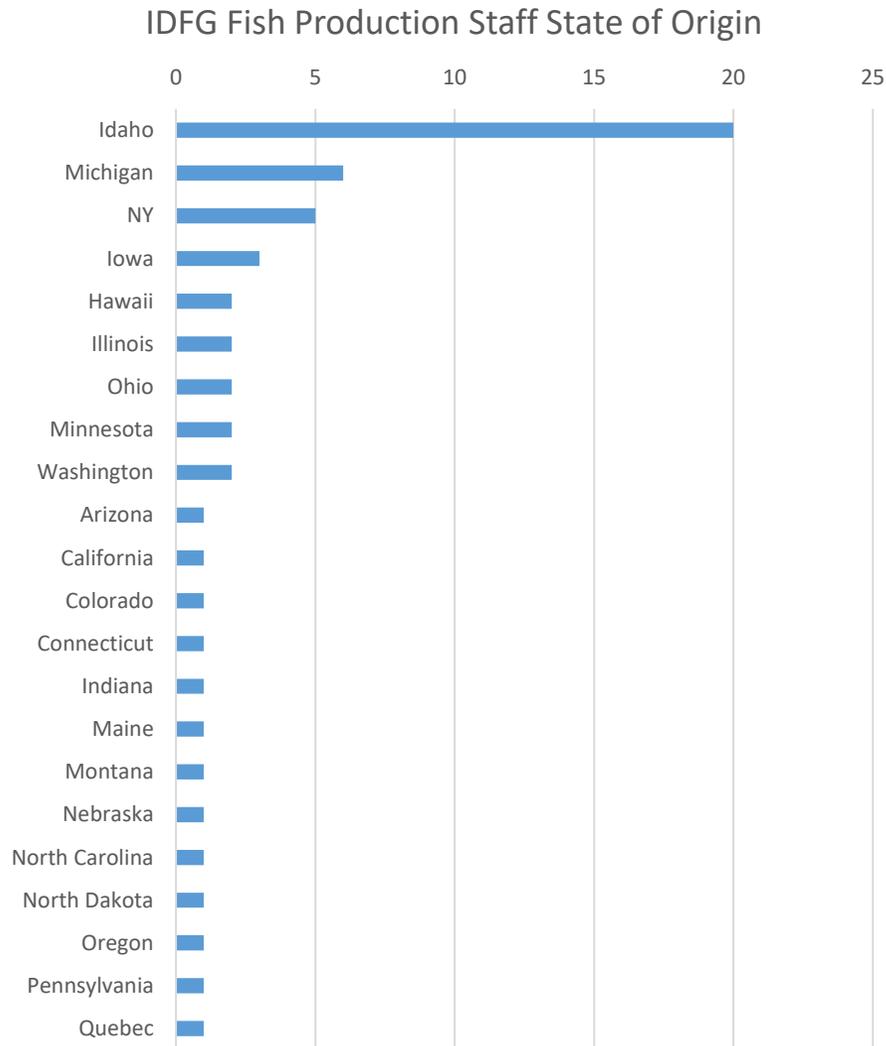
Average Years FC Experience of Those Who Promoted to FHAM, 2000-2019



Average Years Tenure of FHAMs, 2000-2019



States of Origin and Alma Maters of IDFG Fish Production Program FTE Staff



* Twenty-six schools are by a single alum employed (FTE) in the IDFG fish production program.



Partnering in Career Development



Questions?

