



2013 Apache Trout Crew

AZFWCO Staff

Pinetop

- Stewart Jacks, Project Leader
- Vacant, Assistant Project Leader
- Jeremy Voeltz, Project Coordinator
- Dominic Barrett, Partners for Fish & Wildlife Biologist
- Jennifer Johnson, Fish Biologist
- Kayla Barrett, Fish and Wildlife Biologist
- Travis Taylor, Biological Technician
- Karla McGhan, Administrative Officer
- Patti Ferlisi, Office Assistant



Flagstaff

- Kirk Young, Project Coordinator
- Randy Van Haverbeke, Senior Fish Biologist
- Dennis Stone, Fish Biologist
- Mike Pillow, Fish Biologist
- Jim Walters, Biological Technician
- Rick Deshler, Biological Technician

Parker

- Mitch Thorson, Fish Biologist
- Tammy Knecht, Fish Biologist
- Robert Randall, Fish Biologist
- John Naugle, Biological Technician
- Sean O'Kray, Biological Technician

Partnerships and Accountability

Kirk Young participated in the Glen Canyon Dam Technical Work Group meeting.

Dominic Barrett participated in the monthly Intermountain West Joint Venture conference call.

Tammy Knecht participated in the Lake Havasu Fisheries Improvement Technical Committee meeting.

Other Accomplishments:
AZFWCO staff participated in the monthly Fishery Coordination

meeting among AZFWCO, A-WC NFH (Alchesay-Williams Creek National Fish Hatchery), & WMAT-WORD (White Mountain Apache Tribe-Wildlife & Outdoor Recreation Division).

Aquatic Species Conservation and Management

The Apache Trout Crew (Alex Poole, Brian Hickerson, Ethan Jacks, Andrew Larson, Brianna Thorson, Barney Gregg, Justin Covington, and Travis Taylor) completed the first pass of brown trout removal efforts on two Apache trout streams on the FAIR (Fort Apache Indian Reservation). A total of 1,387 brown trout have been removed and 3,172 Apache trout were counted in the streams. The crews also completed the first phase of barrier evaluations on five Apache trout streams on the FAIR.

The Apache Trout Crew began mapping habitat and conducting population surveys in two Apache trout streams using the Basinwide Visual Estimation Technique (BVET).



Public Use

Rob Randall and Mitch Thorson took a Phoenix inner city youth group on a tour of the Colorado River's Topock Gorge. They discussed the work that is currently being performed to help restore the endangered species to sustainable populations within the Colorado River. The group was in the area to get varied outdoor experiences for a summer learning program.

Jennifer Johnson spent a morning with the summer school biology class from Alchesay High School. Students toured the Williams Creek NFH. After the

hatchery tour the students received hands-on experience with electrofishing and discussed future career options with the Service.

Kayla Barrett developed two Desert Fish Habitat Partnership (DFHP) activity sheets for children and a DFHP brochure and distributed to DFHP members.

Did you know AZFWCO had a Facebook page? We post information on our staff, upcoming projects, educational events, and

volunteer opportunities across the state. We currently have 397 "likes" from 20 countries. Check us out at www.facebook.com/AZFWCO.

facebook

Check out DFHP's Facebook page. We post information on projects, request for proposals, pictures, and much more. <http://www.facebook.com/pages/Desert-Fish-Habitat-Partnership/193053497376208>

facebook

Cooperation with Native Americans

Jeremy Voeltz met with the U.S. Forest Service (USFS), Arizona Game and Fish Department

(AGFD), and San Carlos Apache Tribe to discuss the proposed NEPA timeline for barrier repair,

chemical renovation, and Apache trout re-stocking in Bear Wallow Creek.

Leadership in Science and Technology

The paper, "Long-Term Monitoring of an Endangered Desert Fish and Factors Influencing Population Dynamics" co-authored by Randy Van Haverbeke, Dennis Stone, Lewis Coggins, and Mike Pillow is now available online in the Journal of Fish and Wildlife Management.

The manuscript can be accessed directly at: <http://www.fwspubs.org/doi/pdf/10.3996/082012-JFWM-071>

Kirk Young and Randy Van Haverbeke participated in the Glen Canyon Dam LTEMP Web-ex to assess and discuss use of a

temperature degree-day (TDD) model to assess LTEMP alternatives related to performance metrics for native fish (other than humpback chub) and nonnative fish. The use of the TDD model appears to provide a good basis to assess the performance metrics.

Aquatic Habitat Conservation and Management

Dominic Barrett completed a Cooperative Agreement with the National Wild Turkey Federation. The agreement will provide funding for watershed restoration, wetland restoration, native fish refuge establishment, and riparian enhancement projects on private lands throughout eastern Arizona. Projects will benefit roundtail chub, loach minnow, spikedace, Little Colorado spinedace, waterfowl, other migratory birds, and northern leopard frog.

John Naugle conducted a survey of the presence of giant salvinia in the lower part of the Palo Verde Irrigation District Outfall Drain (Mitchell's Camp to Walters Camp). No giant salvinia was found.

Dominic Barrett met with staff from Sevilleta NWR to visit the Clear Creek Grassland Restoration Project site and discuss proposed activities, scheduling, and costs. Additionally, Dominic completed a Private Lands Agreement for the project.

Kayla Barrett worked with DFHP's

Rio Grande regional representative and DFHP Executive Committee to endorse the Balmorea Springs Complex Project in Texas.

In support of the Partners for Fish and Wildlife (PF&W) Program funded Turkey Spring Forest Management Project, Dominic Barrett prepared compliance documents for State Historical Preservation Office approval.

Kayla Barrett drafted acceptance and rejection letters for DFHP FY13 funding and distributed to appropriate project leads.

Kayla Barrett spoke to all project leads that are receiving DFHP FY13 funding and the R2 NFHP Coordinator to discuss funding reductions, partner match, and total project costs.

Other Accomplishments:
Rob Randall completed native fish backwater water quality monitoring for River's Edge Golf Course, Office Cove, Parker Dam Pond, Emerald Canyon Golf Course Ponds, and Topock Marsh (HNWR).

Tammy Knecht completed monthly water quality for Alamo Lake.

John Naugle conducted water quality monitoring at Three Fingers Lake and High Levee Pond.

Workforce Management

Andrew Larson, Barney Gregg, Brianna Thorson, and Justin Covington came on board as Apache Trout Crew members. Welcome aboard, we're glad to have them on the crew.

Mike Pillow worked with Patti Ferlisi to coordinate personnel and volunteers for the July humpback chub translocation trip and the fall Little Colorado River native fish monitoring trips.

Dominic Barrett attended a plant ID workshop hosted by Arizona State University and AGFD in eastern Arizona.

Dominic Barrett completed the Spring Stewardship Institute's Spring Inventory and Assessment Workshop in Flagstaff.



All AZFWCO staff participated in a monthly staff conference call

covering topics that included, budget, personnel changes, safety, training, and work schedules.

AZFWCO staff hosted a going away lunch for Stewart Jacks in Flagstaff.

