



## Monthly Accomplishments

## March 2015

### Fisheries Activities

In cooperation with Pueblo of Isleta Environment Department, Thomas Archdeacon and Tristan Austring completed monthly monitoring for Rio Grande silvery minnow. Monitoring determines presence/absence of visible implant elastomer tagged fish from augmentation and research efforts.

Stephen Davenport and Andy Dean completed Pecos River fish community monitoring at twelve sites near Roswell, New Mexico. Data from these monitoring efforts are used to define the status of the fish community, with emphasis on Pecos bluntnose shiner.

Chris Kitcheyan assisted the Ohkay Owingeh Environmental Department with baseline fish community lake surveys. Similar surveys will occur on an annual basis.

Stephen Davenport and Chris Kitcheyan assisted New Mexico Department of Game and Fish with quarterly fish community monitoring at seven sites on the Canadian River east of Tucumcari, New Mexico. Data from these monitoring efforts are used to determine the status of the fish community, with emphasis on the federally listed Arkansas River shiner.



**Figure 1. Arkansas River Shiner monitoring site, South Canadian River.**

### Meetings and Trainings

Chris Kitcheyan participated in the quarterly meeting of the Southwest Tribal Fisheries Commission held at the Bureau of Indian Affairs (BIA) Regional Office, Albuquerque, New Mexico. Chris provided updates on upcoming fish stockings and outreach activities with Southwestern Indian Polytechnic Institute (SIPI)

Several staff members participated in the RGSM Propagation and Genetics Workgroup Bi-annual Meeting. Topics of discussion included station updates, fish health results, genetics update and production needs for 2015.

Angela James participated in the 2<sup>nd</sup> Environmental Literacy Summit, hosted by the Environmental Education Association of New Mexico (EEANM). The EEANM, along

with agency partners and other nonprofits, gathered to determine steps needed to implement the Environmental Literacy Plan for New Mexico, which is in its second draft. The plan was developed with the intent of improving environmental education throughout public school curriculum.

Weston Furr attended the Upper Colorado River Endangered Fish Recovery Program (UCREFRP) and San Juan River Basin Recovery Implementation Program's (SJRIP) Database Construction Meeting in Grand Junction, Colorado.

Thomas Archdeacon, Jason E. Davis and Tom Sinclair attended a meeting of the Middle Rio Grande Endangered Species Collaborative Program's Catch per Unit Effort (CPUE) Population Workshop planning team. Logistics for the 2015 CPUE Workshop was the main topic of discussion.

New Mexico FWCO staff completed Active Shooter training hosted by the Department of Homeland Security.

New Mexico FWCO and Water Resources staff completed Wilderness First Aid training hosted by American Red Cross.



Dustin Myers and Bobby Duran practice administering first aid to an unconscious victim.



Andy Dean and Will Tintor practice administering first aid.

## Education and Outreach

Chris Kitcheyan, Tristan Austring, and Angela James demonstrated various fish sampling methods, including electroshocking and fyke nets, to three college students from SIPI's Advance Wildlife Class.



Students from SIPI learning firsthand about electroshocking.



Students measure, weigh, and record data on their catch.

Angela James led the activity, *Anatomy*, to approximately 105 fifth grade students from Monte Vista Elementary, Albuquerque Sign Language Academy, Valle Vista Elementary, and Governor Bent Elementary. Preserved native fish specimens, worksheets, and reference guides were provided to the students to give them an opportunity to explore the internal and external anatomy of native fish. Additional classes are scheduled to complete this activity in April 2015.



Student compares a red shiner to a trout.



Students complete a worksheet stepping them through internal and external anatomical features of a fish.

## Upcoming Activities

Activities and meetings currently scheduled are listed below.

### April 2015

1<sup>st</sup>-2<sup>nd</sup>: Fish Community Monitoring, Rio Mora

1<sup>st</sup>-2<sup>nd</sup>: Lake Surveys, Navajo Nation

8<sup>th</sup>-13<sup>th</sup>: San Juan River tagging trip; Shiprock, New Mexico to Mexican Hat, Utah

6<sup>th</sup>-10<sup>th</sup>: Motorboat Operators Certification Course; Lake Havasu City, Arizona

13<sup>th</sup>-17<sup>th</sup>: Pecos pupfish monitoring, Bitter Lake

13<sup>th</sup>-16<sup>th</sup> Navajo River fish community surveys, Jicarilla Apache Nation

13<sup>th</sup>: Rio Grande silvery minnow monthly surveys, Pueblo of Isleta

15<sup>th</sup> & 17<sup>th</sup>: Rio Grande silvery minnow monthly surveys, Pueblo of Sandia

20<sup>th</sup>-23<sup>rd</sup>: Chihuahua chub monitoring and habitat restoration, Moreno Springs

20<sup>th</sup>-24<sup>th</sup>: San Juan River endangered fish monitoring and nonnative fish removal trip; Shiprock, New Mexico to Mexican Hat, Utah

21<sup>st</sup>-23<sup>rd</sup> Fish Community Monitoring, Pecos River

25<sup>th</sup>: Next Generation Conservationist Career, Valle de Oro NWR

## May 2015

2<sup>nd</sup> : NFIC Field Day, Pilar, New Mexico

5<sup>th</sup> : NFIC Field Day, Albuquerque, New Mexico

5<sup>th</sup>-7<sup>th</sup>: Fish community monitoring, Rio Hondo

11<sup>th</sup>-12<sup>th</sup>: SJRIP Annual Coordination Committee Meeting, Durango Colorado

11<sup>th</sup>-15<sup>th</sup>: Post-fire monitoring and nonnative fish removal, Iron & Willow Creek

18<sup>th</sup>-22<sup>nd</sup>: Nonnative fish species risk assessment, Pecos Reservoir

18<sup>th</sup>-22<sup>nd</sup>: Bluehead Sucker annual monitoring, Navajo Nation

26<sup>th</sup>-29<sup>th</sup>: Annual lake surveys, Navajo Nation

U.S. Department of the Interior  
U.S. Fish & Wildlife Service  
Southwest Region  
Fisheries and Aquatic Resource Conservation



New Mexico Fish and Wildlife Conservation Office  
3800 Commons Avenue NE  
Albuquerque, New Mexico 87109  
Phone 505/342-9900  
<http://www.fws.gov/southwest/fisheries/nmfwco/index.html>

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## Current staff members

Thomas B. Sinclair ..... Project Leader  
Jason E. Davis ..... Assistant Project Leader  
Angela Carrillo..... Administrative Officer  
Kimberly M. Flowers ..... Office Assistant  
Stephen R. Davenport ..... Supervisory Fish Biologist  
D. Chris Kitcheyan ..... Supervisory Fish Biologist  
D. Weston Furr ..... Fish Biologist  
Thomas P. Archdeacon..... Fish Biologist  
Dustin J. Myers..... Fish Biologist  
Angela P. James..... Fish Biologist  
Bobby R. Duran..... Fish Biologist  
Andy T. Dean ..... Fish Biologist  
Ernest Teller Sr. .... Biological Science Technician  
Tristan L. Austring ..... STEP Student