



## **TISHOMINGO NFH ACTIVITY REPORT OCTOBER 2013**

### **Aquatic Species Conservation and Management**

Alligator snapping turtle brood ponds were drained so that brood stock could be inventoried and examined for potential health issues. No health issues were found. Since these turtles are masters at burying into the pond mud when the ponds are drained, transmitters were attached to their carapaces prior to release back into the ponds. This should make it easier to locate the turtles when ponds are drained the next time. Pond bottoms and levees were repaired prior to re-filling. (CSF 5.2.1)



*Tishomingo NFH staff rounding up alligator snapping turtles.*

*Ponds are repaired and cleaned after turtles are removed.*



## Leadership in Science and Technology

Graduate student, Joe Dyer, from Oklahoma State University, visited Tishomingo NFH to learn our techniques for spawning Arkansas River shiners. He will be using these spawning techniques as part of his graduate research. (CSF 7.2)



*Arkansas River shiner.*



*Joe Dyer studies spawning techniques for Arkansas River shiner.*

Nicole Farless, a graduate student from Oklahoma State University, visited Tishomingo NFH to survey Pennington Creek and installed temperature monitors in several locations along the creek as part of her research project. In this project, she will investigate the effects of warming temperatures associated with climate change on several fish species.

## Maintenance and Facilities

The deferred maintenance project of replacing two pond kettles is about 60% complete. Demolition has been completed, and actual kettle replacement is underway.



*Renovated pond kettle.*

Jae Ahn, Regional Office Facilities Coordinator, visited the station to perform a Facilities Needs Assessment.