The Oblong Rocksnail (*Leptoxis compacta*) Rediscovery Fact Sheet:

- This freshwater snail was historically restricted to the Cahaba River Basin in Bibb and Shelby counties, Alabama.
- The snail’s historical range extended from Buck Creek in Helena, down the Cahaba River to Centerville, Alabama.
- The Oblong Rocksnail was last collected from the Cahaba River in 1935, and was formally declared extinct in 2000.
- The species was rediscovered on May 22, 2011 in a short stretch of the Cahaba River near the Bibb and Shelby county line.
- Additional survey efforts failed to locate the Oblong Rocksnail at other sites within historical range.
- The snail was believed driven to extinction by historically poor water quality and habitat degradation in the Cahaba River during the mid-20th Century.
- The identification of Oblong Rocksnail was confirmed with anatomical comparisons to individuals collected in 1881. Life history observations were made to document basic biology.
- Anatomical analyses were completed at the University of Alabama, Department of Biological Sciences, in Tuscaloosa, Alabama.
- Life history and live animal observations were conducted at the Alabama Aquatic Biodiversity Center (AABC), an imperiled species recovery facility operated by the Alabama Department of Conservation and Natural Resources, and located outside of Marion, Alabama.
- The Cahaba River is a 180-mile long river flowing through central Alabama from metropolitan Birmingham emptying into the Alabama River west of Selma.
- The Cahaba River Basin supports a high aquatic biodiversity including 121 species of fish, 37 species of mussels, and 38 species of snails.
- The Cahaba River Basin supports 12 federally threatened and endangered species, the most listed species of any single drainage basin in Alabama.
- Recovery actions by numerous federal, state, local government agencies and private conservation groups have significantly improved water quality and riverine habitat in the Cahaba River since 1985.
- Because of an extremely small range, the Oblong Rocksnail warrants conservation attention.
- Future management plans for the Oblong Rocksnail includes an effort to establish a second population with animals produced through artificial propagation at the AABC.

*For more information contact:*
Nathan Whelan at: nwhelan@crimson.ua.edu
or Paul Johnson at: paul.johnson@dcnr.alabama.gov
A live Oblong Rocksnail from the Cahaba River, Bibb County, Alabama. Specimen photographed by Thomas Tarpley, Alabama Department of Conservation and Natural Resources, Alabama Aquatic Biodiversity Center.