

INTERIM (SEMI-ANNUAL) PERFORMANCE REPORT  
Reporting Period October 1, 2017 through March 31, 2018  
Reclamation Agreement No. R16AP00035

ASU Topminnow Holding

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Gila topminnow *Poeciliopsis occidentalis* and Yaqui topminnow *P. sonoriensis* are two, federally-listed endangered fish species that are native to Arizona. Several stocks have been held in protective custody by Arizona State University (ASU) for a number of years as part of on-going conservation and recovery actions in the species' behalf. Stocks are housed in facilities of the Department of Animal Care & Technologies (DACT) on the ASU Tempe campus, and DACT staff provides routine maintenance and care of these animals.

This report summarizes project activities for the period October 1, 2017 through March 31, 2018. All established project goals for the reporting period were successfully met.

The following seven (7) stocks are currently being held: Gila topminnow: (1) Bylas Springs, (2) Cienega Creek, (3) Monkey Spring, (4) Parker Canyon, (5) Redrock Canyon, (6) Sharp Spring; Yaqui topminnow: (7) North Pond and Tule Spring (SBNWR), combined.

The following augmentations from wild populations have taken place or are planned: Cienega Creek (Gila topminnow) planned for May 2018; Monkey Spring (Gila topminnow) planned for summer 2018; San Bernardino National Wildlife Refuge (Yaqui topminnow) planned for summer 2018. Other stocks are extirpated in the wild (Red Rock Canyon, Sharp Spring), have recently been acquired (Bylas Springs, July 12 and August 24, 2017) or may be available but are not needed at this time (Parker Canyon).

The following transfers of Gila topminnow were made: 50 whole specimens in 95% absolute alcohol in 1.5-ml snap cap tubes from each stock at ASU for transfer via Reclamation to USFWS Southwestern Native Aquatic Resources and Recovery Center, Dexter, NM for genetic analysis and evaluation of existing natural and captive populations of the species. Samples from all stocks except Red Rock were collected on April 5, 2018; a Red Rock sample was scheduled for May 2, 2018.

In addition to routine stock care and maintenance, space and resources are being directed toward producing and rearing additional Sharp Spring Gila topminnow in response to a September 29, 2017 request from Arizona Game and Fish Department. Cost of this additional activity was not included in the original agreement.

May 25, 2018 PCM/