

## Work Task C2: Sticky Buckwheat and Threecorner Milkvetch Conservation

FY15 Estimate	FY15 Actual Obligations	Cumulative Expenditures Through FY15	FY16 Approved Estimate	FY17 Proposed Estimate	FY18 Proposed Estimate	FY19 Proposed Estimate
\$11,000	\$10,673.49	\$115,851.18	\$11,000	\$11,000	\$11,000	\$11,000

**Contact:** Carrie Ronning, (702) 293-8106, [cronning@usbr.gov](mailto:cronning@usbr.gov)

**Start Date:** FY06

**Expected Duration:** FY30

**Long-Term Goal:** Support existing conservation programs for covered plant species

**Conservation Measures:** STBU1 and THMI1

**Location:** Reach 1, Nevada

**Purpose:** To provide funding to support existing conservation programs for sticky buckwheat and threecorner milkvetch

**Connections with Other Work Tasks (Past and Future):** These are stand-alone conservation measures as described in the LCR MSCP Habitat Conservation Plan.

**Project Description:** Sticky buckwheat and threecorner milkvetch are covered species within the LCR MSCP. Funding in the amount of \$10,000 per year will be provided to an ongoing conservation program or other entity approved by the U.S. Fish and Wildlife Service (USFWS) to implement conservation activities for these two plant species. Funding may be advanced for up to 5 years, depending on availability, to keep administrative costs at a minimum.

**Previous Activities:** From 2008 to 2014, the National Park Service (NPS) monitored select populations of sticky buckwheat and threecorner milkvetch within the Lake Mead National Conservation Area. Monitoring included presence/absence surveys from 2008 to 2014 and invasive weed removal in 2013 and 2014 at select sites.

A minor modification to the conservation measures for both plants was written and approved by the USFWS on January 4, 2011, following approval by the Steering Committee. The language was changed to state that funding would go

“to an ongoing Conservation Program or other entity approved by the USFWS to implement conservation activities for the threecorner milkvetch and sticky buckwheat.”

**FY15 Accomplishments:** Conservation activities for these two plant species was supported under the LCR MSCP in accordance with the NPS’ *Lake Mead National Recreation Area Resource Stewardship Strategy, November 2014*. Threecorner milkvetch populations at Sandy Cove were monitored. A total of 291 of the 506 plots surveyed contained threecorner milkvetch, with 19,961 plants recorded overall. Sticky buckwheat populations located between Lime Cove and Glory Hole were monitored. A total of 117 sticky buckwheat plants were documented; Lime Cove had 100 plants, and Glory Hole had 17 plants. Invasive Sahara mustard (*Brassica tournefortii*) weeds were removed from 3 acres of the dunes/sandy areas and surrounding beaches at Sandy Cove and Lime Cove. An annual report was provided to the Bureau of Reclamation (Reclamation) that summarized the achievements toward conservation goals for sticky buckwheat and threecorner milkvetch.

**FY16 Activities:** Funds in the amount of \$10,000 will be transferred to the NPS per the above-described agreement to implement conservation activities for these two plant species. An annual report will be provided to Reclamation that summarizes the achievements made toward the conservation goals for sticky buckwheat and threecorner milkvetch.

**Proposed FY17 Activities:** Funds in the amount of \$10,000 will be transferred to the NPS per the above-described agreement to implement conservation activities for these two plant species. An annual report will be provided to Reclamation that summarizes the achievements made toward the conservation goals for sticky buckwheat and threecorner milkvetch.

**Pertinent Reports:** Reports titled *Surveys of Threecorner Milkvetch (Astragalus geyeri var. triquetrus) and Sticky Buckwheat (Eriogonum viscidulum) in Fiscal Year 2014 – Lake Mead National Recreation Area* and *Surveys of Threecorner Milkvetch (Astragalus geyeri var. triquetrus) and Sticky Buckwheat (Eriogonum viscidulum) in Fiscal Year 2015 – Lake Mead National Recreation Area* are posted on the LCR MSCP Web site.