

HRP (CVPIA (b)(1) "other")

FY19 Projects

| Project | Proposed Activity | Funding |
|--|---|---|
| <p><i>Flood Refugia on San Joaquin River National Wildlife Refuge</i></p> <p>USFWS San Joaquin River National Wildlife Refuge</p> | <p>The focus of the project is to benefit the riparian brush rabbit. The project has three components: (1) restore 20 acres of high ground near the trailhead and headquarters, (2) re-vegetate 4,000 linear feet of levees to support riparian brush rabbits during flooding, and (3) revegetate 16 refugia mounds degraded by drought.</p> | <p>**\$498,724</p> <p>(An additional \$107,947 was funded with FY18, for a total HRP of \$606,671)</p> |
| <p><i>Buena Vista Lake Shrew Conservation: Locating Extant Populations Using Non-Invasive Survey Techniques and Developing Genetic Tools to Facilitate Population Studies</i></p> <p>CSU Stanislaus ESRP</p> | <p>The objectives are to: (1) conduct surveys for Buena Vista Lake shrews (BVLS) throughout their range, including areas in the northern San Joaquin Valley that may constitute an expanded distribution for this species; (2) verify the efficacy and accuracy of using camera traps to detect shrews; (3) test the efficacy of non-invasive genetic sampling of shrew populations; (4) further define suitable habitat attributes for BVLS; and (5) develop and test genetic techniques to genotype individual shrews to facilitate population studies.</p> | <p>*\$183,944</p> |
| <p><i>Kern National Wildlife Refuge Invasive Plant Removal</i></p> <p>USFWS Kern National Wildlife Refuge</p> | <p>Provides funding for the first phase of restoring alkali scrub habitat at Kern National Wildlife Refuge by removing 623 acres of invasive salt cedar and 30 acres of invasive Russian knapweed, which must be removed before habitat restoration can proceed. The funding will provide for labor to conduct the work. Funds for the removal of the plants will be provided in future years. Species to benefit include San Joaquin kit fox, Tipton kangaroo rat, and blunt-nosed leopard lizard.</p> | <p>\$450,000</p> |
| <p>FY 2016 Allocation \$1,528,230</p> | <p>BOR USFWS</p> | <p>+\$750,000 +\$778,230</p> |
| <p>Project Costs Total: \$1,132,668</p> | <p>BOR USFWS</p> | <p>-\$633,944 -\$498,724</p> |

RECLAMATION

Managing Water in the West

U.S. Department of the Interior
Bureau of Reclamation

| | | |
|--|-------|-------------------|
| Program Administration and Overhead Costs | BOR | -\$116,056 |
| | USFWS | -\$279,506 |
| Total: | | |
| 395,562 | | |

*BOR-funded.

**USFWS-funded.