



## Central Valley Project Conservation Program FY22 Projects

Project	Proposed Activity	Funding
<p><i>Capinero Creek Property Acquisition</i> Tule Basin Land and Water Conservation Trust</p>	<p>Negotiate and purchase 467.29 acres of the Capinero Creek 840 Property from the Pixley Irrigation District. The property lies adjacent to the western boundary of Pixley Irrigation District. Species to benefit include blunt-nosed leopard lizard, Tipton kangaroo rat, and San Joaquin kit fox. Funds to restore habitat to the property will be from FY 2023 funds.</p>	<p><b>\$0 of FY 2022</b> \$4,200,000 of prior year award deobligations, in particular \$3,000,000 from a failed land acquisition effort proposed in a 2014 interagency agreement with BLM</p>
<p><i>Disease Risk to Conservation and Recovery of San Joaquin Kit Foxes: Mange Mitigation and Distemper Threat Assessment</i> CSU Stanislaus Endangered Species Recovery Program</p>	<p>The objectives are to (1) determine the extent of spread and population impacts of sarcoptic mange on San Joaquin kit foxes, and develop and implement strategies to control or eliminate mange, (2) determine spatial patterns of exposure of kit foxes to the canine distemper virus and identify factors associated with exposure (e.g., proximity to domestic dogs, gray foxes), and (3) assess the magnitude of risk posed by disease to the conservation and recovery of San Joaquin kit foxes.</p>	<p><b>\$479,577</b></p>
<p><i>San Joaquin Kit Fox Genomics: Effects of Disease on the Metapopulation Connectivity and Genetic Health</i> UC Davis</p>	<p>Conduct a high-resolution population genomic study of San Joaquin kit foxes in the western Kern/Taft, Carrizo, and Panoche core populations. Will assess metapopulation level impacts of recent disease-related population declines, and will provide essential baseline information needed to guide management actions related to disease dynamics and control strategies. Dr. Brian Cypher of ESRP (proposal S-2) is a collaborator on the research and their research will enhance each other's.</p>	<p><b>\$222,140</b> A total of \$405,294 are from a combination of the FY 2022 funds and prior year award deobligations (\$183,154)</p>

<b>Project</b>	<b>Proposed Activity</b>	<b>Funding</b>
<i>Rustan Ranch Conservation Easement Acquisition Project</i> California Rangeland Trust	Purchase of a conservation easement on the 1,023-acre Rustan Ranch in southwest San Joaquin Co. south of Tracy. The Ranch contains annual grasslands, blue oak-conifer savannah and woodland, sage scrub, and riparian habitats. It contains 2.5 miles of seasonal creeks, a spring, and six stock ponds. Preservation of the Ranch will serve to protect rangeland habitats of the San Joaquin valley floor. Species to benefit include California red-legged frog and San Joaquin kit fox, and includes potential habitat for large-flowered fiddleneck.	<b>\$319,996</b> A total of \$832,567 are from a combination of the FY 2022 funds and prior year award deobligations (\$512,571)
<i>Construction of a Conservation Building for Captive Propagation of Blunt-nosed Leopard Lizards at the Fresno Chaffee Zoo</i> Fresno Chaffee Zoo	Will construct a conservation building to house a blunt-nosed leopard lizard captive propagation program, aiming to maintain a colony of 20 breeding pairs. Progeny will be repatriated to the BLM-owned Panoche Plateau to reestablish the population. The building will also provide space for captive propagation of additional species of concern in the future.	<b>\$0 of FY 2022</b> A total of \$769,295 are from a combination of prior year award deobligations (\$248,749) and FY 2022 FWS HRP funds (\$520,546)
<i>Invasive Species Removal at Kern National Wildlife Refuge</i> U.S. Fish and Wildlife Service, Kern NWR	Will result in the removal of salt cedar from approximately 650 acres. Will result in the restoration of alkali scrub habitat to benefit San Joaquin kit fox (documented at the Refuge in 2022) and Tipton kangaroo rat.	<b>\$215,334</b>
<i>Large-flowered Fiddleneck Captive Propagation</i> Vollmar Natural Lands Consulting	Will provide for the removal of livestock management fencing installed as part of the 2016 large-flowered fiddleneck captive propagation grant.	<b>\$0 of FY 2022</b> \$15,000 from prior year award deobligations
<b>FY 2022 Project Costs Total</b>	N/A	<b>\$1,237,047</b>
<b>Program Administrative Costs</b>	Includes \$60,124 for DOI Appraisal & Valuation Services Office charges.	<b>\$329,953</b>
<b>Program Administration &amp; Overhead Costs Total</b>	N/A	<b>\$1,567,000</b>