

HRP ((b)(1) “other”) FY09 Projects, 9/21/2016

Project	Proposed Activity	Funding
A-5 Rickert Ranch Conservation Easement Acquisition Shasta Land Trust	Conservation easement protection of the 5,081-acre Rickert Ranch property. The easement would protect this working cattle ranch as well as its cultural and natural resources including riparian habitat, grasslands, vernal pools, vernal swales, and oak woodlands. Species benefited include valley elderberry longhorn beetle, CA red-legged frog, vernal pool fairy shrimp, vernal pool tadpole shrimp, and slender orcutt grass. <i>Shasta County</i>	*\$415,000
R1 Continue Propagation of Lange’s Metalmark Butterfly, and Endangered Species, and Aggressively Restore Habitat USFWS, Antioch Dunes NWR	Funding will contribute toward the continuation of captive propagation of the Lange’s metalmark butterfly at the Murrietta Valley Endangered Butterfly Facility, and at Moorpark College in the Exotic Animal Training & Management Program facility. Additionally, it will continue the restoration of dune habitat for the butterfly, Contra Costa wallflower, and Antioch Dunes evening primrose at Antioch Dunes NWR. <i>Contra Costa County</i>	*1\$112,636
S-1 Implementation of Priority 1, 2, and 3 Recovery Tasks for GGS – Status and Distribution of GGS at the eastern Delta’s White Slough Wildlife Area, San Joaquin County, CA Eric Hansen	Determine presence-absence of GGS in the eastern Delta; establish control sites needed to evaluate the effects of seasonal variability in GGS activity and distribution on sampling results; assess current status of GGS and potential habitat within the Mid-Valley Recovery Unit; provide demographic and methodological foundation for future research; and formulate recommendations for water and habitat management. <i>San Joaquin County</i>	**\$122,648
S-2 Status Surveys of <i>Pseudobahia bahifolia</i> and <i>Pseudobahia peirsonii</i> in	Study would determine current status of all known extant occurrences of Hartweg’s golden sunburst and San Joaquin adobe sunburst in the eastern SJ Valley. An additional \$6,000 was	**\$53,620

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Eastern San Joaquin Valley, CA Vollmar Consulting	added to the grant agreement to allow Vollmar Consulting to survey up to 1,000 acres of new potential habitat. <i>San Joaquin County</i>	
S-8 Conservation Genetics of the Alameda Whipsnake USGS	Study would entail an evaluation of the genetic relationships among and within recovery units of the whipsnake, which would aid in determining whether the recovery units and corridors accurately reflect the genetic structure of the species, and whether the current plan promotes recovery by protecting the full range of genetic variation that is present. <i>Alameda County</i>	**\$91,570
S-9 Giant Garter Snake Distribution and Occupancy Modeling in Butte County, CA USGS	Study would assess the probability of detecting populations of GGS at sites based on site conditions and survey method; quantify the relationship of habitat, microhabitat, and vegetative conditions with occurrence and abundance of the GGS and develop a predictive model and map that can identify where GGS populations are likely to occur or identify sites appropriate for repatriation studies. <i>Butte County</i>	*\$60,000
O-2 Public Outreach Plan and Implementation of Recovery Activities for Gabbro Plants at Pine Hill Preserve, El Dorado County BLM, Pine Hill Preserve	Provide public outreach about gabbro soil rare plants and their habitats to promote protection, conservation, and recovery of rare plant species. Species benefited: Stebbin's morning glory, Pine Hill ceanothus, Pine Hill flannelbush, El Dorado bedstraw, Layne's butterweed, Red Hills soaproot, Bisbee Peak rush-rose, and El Dorado mule-ears. <i>El Dorado County</i>	**\$48,000
Total 2009 Allocation \$1,500,000	BOR USFWS	+\$750,000 +\$750,000
2009 Deobligation from Atwell Island Land Acquisition Project	USFWS (funds will be used towards FY 2013 USFWS project)	-\$110,000
Project Total (\$)	BOR USFWS	-\$587,636

Project	Proposed Activity	Funding
\$903,474		-\$315,838
Program Administration & Overhead Costs (\$)	BOR	-\$162,364
\$486,081	USFWS	-\$323,717
Leftover funds	USFWS	+\$445.00

* USBR funded

** USFWS funded

Notes:

¹There was a deobligation of \$13,020 for this project.