

# Existing CVLCP Conservation Goals, Objectives, and Priority Resources

February 2, 2015

<b>Inventory of Conservation Efforts in the Central Valley</b>			
<b>Effort Type</b>	<b>Title</b>	<b>Lead Partners</b>	<b>Scale</b>
Plan	Conservation Plan for the Tricolored Blackbird	Tricolored Blackbird Working Group - Multi Agency	Multi County
Plan	Riparian Bird Conservation Plan	Riparian Habitat Joint Venture Partners	Multi County
Plan	Carrizo Plain National Monument Approved Management Plan and Record of Decision	Multiple Partners	Multi County
Plan	Central Valley Regional Water Quality Control Board Basin Plans	Multiple Partners	Multi County
Plan	Bay Delta Conservation Plan	Multiple Partners	Multi County
Plan	Central Valley Joint Venture Implementation Plan	Central Valley Joint Venture Partners	Multi County
Plan	A Conservation Vision for Tulare Basin	Tulare Basin Wildlife Partners	Multi County
Plan	Ranch-wide Management Plan	Tejon Ranch Conservancy	Site Specific
Plan	California Water Plan	CA Department of Water Resources	Ecoregion
Plan	Central Valley Flood Management Plan (CVFMP) and Conservation Strategy	CA Department of Water Resources	Ecoregion
Plan	Species Recovery Plans	US Fish & Wildlife Service	Ecoregion
Plan	State Wildlife Action Plan (SWAP)	CA Department of Fish & Wildlife	Ecoregion
Plan	Regional Flood Management Plans	CA Department of Water Resources	Multi County
Plan	PG & E Company San Joaquin Valley Operation & Maintenance Habitat Conservation Plan	PG & E	Multi County
Plan	Yolo Bypass Wildlife Area Land Management Plan	CA Department of Fish & Wildlife	Multi County

<b>Effort Type</b>	<b>Title</b>	<b>Lead Partners</b>	<b>Scale</b>
Plan	Fresno County Climate Change Adaptation Plan	Fresno County, Local Government Commission	County
Plan	Pleasant Grove/Curry Creek Ecosystem Restoration Plan	Placer County	County
Plan	Sacramento County Climate Action Plan	Sacramento County	County
Plan	Beale Air Force Base Habitat Conservation and Management Plan	US Army Corps of Engineers, Beale Air Force Base	Site Specific
Plan	Consumnes River Preserve Management Plan	Numerous	Site Specific
Plan	National Wildlife Refuge Comprehensive Conservation Plans	US Fish & Wildlife Service	Site Specific (Refuges)
Plan	Natural Community Conservation Plan (NCCP)	CA Department of Fish & Wildlife	Variable
Plan	Habitat Conservation Plans	US Fish & Wildlife Service	Variable
Program	Audubon Working Lands	Audubon, Private Landowners	Ecoregion
Program	BirdReturns/Pop-up Habitats	The Nature Conservancy	Ecoregion
Program	Central Valley Habitat Exchange	Numerous	Ecoregion
Program	Central Valley Project Conservation Program	Bureau of Reclamation	Ecoregion
Program	Central Valley Project Improvement Act Habitat Restoration Program	Bureau of Reclamation	Ecoregion
Program	San Joaquin River Restoration Program	USBR, FWS, NMFS, DWR, CDFW	Multi County
Project	Tulare Basin Watershed Initiative	Tulare Basin Wildlife Partners	Multi County
Project	Sacramento-San Joaquin Basin Study	Bureau of Reclamation	Ecoregion
Project	Assessing and Mapping Rare Plant Species Vulnerability to Climate Change	CA Fish & Wildlife Biogeographic Branch/CA LCC	Ecoregion
Project	The Pacific Flyway Shorebird Survey	Point Blue Conservation Science/CA LCC	Ecoregion

<b>Effort Type</b>	<b>Title</b>	<b>Lead Partners</b>	<b>Scale</b>
Project	Avian demographic response to climate change	USGS Western Ecological Research Center/CA LCC	Ecoregion
Project	Climate Change/Land Use Change Scenarios for Habitat Threat Assessments on California Rangelands	USGS Western Ecological Research Center/CA LCC	Ecoregion
Project	Impacts of climate change on ecology and habitats of waterbirds	USGS Western Ecological Research Center/CA LCC	Ecoregion
Project	Effects of Climate Change on Inland Fishes of California	UC Davis/CA LCC	Ecoregion
Project	Impacts of climate change on ecology and habitats of waterbirds	USGS Western Ecological Research Center/CA LCC	Ecoregion
Project	Setting Regional Strategies for Invasive Plant Management	California Invasive Plant Council/CA LCC	Ecoregion
Project	California Essential Habitat Connectivity Project	CA Department of Fish & Wildlife	Ecoregion
Project	San Joaquin Valley Greenprint	Fresno Council of Governments and UC Davis	Multi County
Project	The Nature Conservancy Sacramento River Project	The Nature Conservancy	Multi County
Project	Lassen Foothill Project	The Nature Conservancy	Multi County
Project	Blue Oak Hills Area Project	Sacramento Valley Conservancy	Site Specific
Project	Wind Wolves Preserve	The Wildlands Conservancy	Site Specific
Partnership	Tricolored Blackbird Working Group	Numerous	Multi County
Partnership	Tulare Basin Wildlife Partners	Numerous	Multi County
Partnership	Central Valley Joint Venture	Numerous	Ecoregion
Partnership	California Landscape Conservation Cooperative	Numerous	Ecoregion
Partnership	Sacramento River Conservation Area Forum	Numerous	Multi County
Partnership	California Biodiversity Council	State agencies	Ecoregion
Partnership	California Strategic Growth Council	State agencies	Ecoregion

<b>Goals and Objectives from Central Valley Efforts</b>	
<b>Goal or Objective</b>	<b>Program</b>
Identify actions that will maximize the adaptive capacity of priority species, habitat, and ecosystems to support an ecologically connected Central Valley landscape.	CVLCP
Develop a sustainable, integrated flood management plan	DWR CV Flood System Conservation Strategy
Promote natural dynamic hydrologic and geomorphic processes	DWR CV Flood System Conservation Strategy
Increase and improve the quantity, diversity, and connectivity of riparian, wetland, floodplain, and shaded riverine aquatic habitats, including the agricultural and ecological values of these lands	DWR CV Flood System Conservation Strategy
Promote the recovery and stability of native species populations and overall biotic community diversity	DWR CV Flood System Conservation Strategy
A comprehensive, long-term approach for improving riverine and floodplain ecosystems, through multi-benefit projects that provide ecological benefits while protecting public safety	DWR CV Flood System Conservation Strategy
A regional programmatic framework for increasing the predictability and cost-effectiveness of permitting, while resulting in more effective and less costly conservation outcomes	DWR CV Flood System Conservation Strategy
Contextual information and tools for use in planning and permitting processes	DWR CV Flood System Conservation Strategy
Protect, restore, and enhance wetlands and associated habitats for waterfowl, shorebirds, waterbirds, and riparian songbird.	CVJV
Protect all unprotected wetlands with fee or conservation easements Central Valley wide	CVJV
Restore 108,527 acres of seasonal wetlands Central Valley wide	CVJV
Enhance 23,884 acres annually of seasonal wetlands Central Valley wide	CVJV
Restore 12,500 acres of semi-permanent wetlands Central Valley wide	CVJV
Restore 10,000 acres of riparian areas Central Valley wide	CVJV
Enhance 170,000 acres of rice cropland Central Valley wide	CVJV

<b>Goal or Objective</b>	<b>Program</b>
Enhance 307,000 acres of waterfowl-friendly agricultural crops Central Valley wide	CVJV
Secure long-term water supplies for managed wetlands in the Central Valley	CVJV
A reserve system with representative natural and seminatural landscapes consisting of a mosaic of natural communities that is adaptable to changing conditions to sustain populations of covered species and maintain or increase native biodiversity	BDCP - landscape scale goal
Ecological processes and conditions that sustain and reestablish natural communities and native species	BDCP - landscape scale goal
Capacity for movement of native organisms and genetic exchange among populations necessary to sustain native fish and wildlife species in the Plan Area	BDCP - landscape scale goal
Increased habitat suitability for covered fish species in the Plan Area	BDCP - landscape scale goal
Increased coordination with all levels of governments and agencies (federal, tribal, state, local), stakeholder groups, private landowners, and others	California Biodiversity Council
Increased effectiveness through leveraging of existing networks, relationships, and multiagency venues	California Biodiversity Council
Improved sharing of data, information, tools, and science among governments and agencies	California Biodiversity Council
Better alignment of planning, policies, and regulations across governments and agencies	California Biodiversity Council
Coordinated and streamlined permitting to increase regulatory certainty	California Biodiversity Council
The California Resources Agency, Fish and Game, the U.S. Fish and Wildlife Service, public land managing agencies, and local governments need to develop multicounty regional habitat conservation and restoration plans.	2005 SWAP
While numerous private landowners are leaders in conservation, Fish and Game, the U.S. Fish and Wildlife Service, the USDA Natural Resources Conservation Service, and local resource conservation districts need to improve conservation and restoration on private lands by assisting private landowners.	2005 SWAP
Public land managers need to continue improving wildlife habitat for a variety of species on public lands.	2005 SWAP
Public agencies and private organizations need to collaboratively protect and restore habitat connectivity along major rivers in the Central Valley.	2005 SWAP

<b>Goal or Objective</b>	<b>Program</b>
Public agencies and private organizations need to collaboratively protect and restore upland linkages among protected areas in the San Joaquin Valley.	2005 SWAP
Water management agencies need to secure dependable and adequate amounts and quality of water for wildlife.	2005 SWAP
Water management agencies need to reestablish and maintain more natural river flows, flooding patterns, water temperatures, and salinity conditions to support wildlife species and habitats.	2005 SWAP
Water management agencies need to restore gravel supply in sediment-starved rivers downstream of reservoirs to maintain functional riverine habitats.	2005 SWAP
Public agencies and private organizations should protect, restore, and improve water dependent habitats (including wetland, riparian, and estuarine) throughout the region.	2005 SWAP
Design of these actions should factor in the likely effects of accelerated climate change.	2005 SWAP
Water management agencies, state and federal wildlife agencies, and other public agencies and private organizations need to collaboratively improve fish passage by removing or modifying barriers to upstream habitat.	2005 SWAP
To support healthy aquatic ecosystems, public agencies and private organizations, in collaboration with the California Bay-Delta Authority, need to improve and maintain water quality in the major river systems of this region.	2005 SWAP
Fish and Game should expand funding and coordinate efforts to prevent the establishment of invasive species and to reduce the damage caused by established invasive species.	2005 SWAP
State and federal agencies should expand law enforcement funding and staffing and coordinate efforts to enforce regulations to prevent the degradation of rivers and streams and to detect, prevent and take actions to protect water quality.	2005 SWAP
Agricultural Land Stewardship -	2013 Water Plan - Goal
work with NRCS and RCDs to implement agricultural best practices that also provide conservation benefits	2013 Water Plan Strategy
Protect farmland from conversion to different uses	2013 Water Plan Strategy
Protection of small patches of wildlife habitat on portions of cultivated or fallowed land would provide multiple climate of wildlife habitat on portions of cultivated or fallowed land would provide multiple climate adaptation benefits such as providing habitat for pollinators and refugia for other species that may need to migrate across the landscape to find suitable habitat.	2013 Water Plan Strategy
Spreading flood water during high flows	2013 Water Plan Strategy

<b>Goal or Objective</b>	<b>Program</b>
Settling sediment during flood flows	2013 Water Plan Strategy
Improving wildlife habitat and recreational opportunities, scenic places, and open space.	2013 Water Plan Strategy
Recharging groundwater.	2013 Water Plan Strategy
Ecosystem Restoration	2013 Water Plan - Goal
reproduce natural flows in streams and rivers	2013 Water Plan Strategy
curtail discharge of waste and toxic contaminants into water bodies	2013 Water Plan Strategy
control non-native invasive plant and animal species	2013 Water Plan Strategy
remove barriers to fish migration in rivers and streams	2013 Water Plan Strategy
recover wetlands so that they can store floodwater, recharge aquifers, filter pollutants, and provide habitat	2013 Water Plan Strategy
Sediment Management	2013 Water Plan - Goal
Prevent soil loss and control erosion	2013 Water Plan Strategy
Floodplain inundation	DWR CV Flood System Conservation Strategy
Riverine geomorphic processes	DWR CV Flood System Conservation Strategy
Shaded riverine aquatic cover	DWR CV Flood System Conservation Strategy
Riparian habitat	DWR CV Flood System Conservation Strategy
Marshes and other wetlands	DWR CV Flood System Conservation Strategy
Floodplain agriculture	DWR CV Flood System Conservation Strategy

<b>Watershed scale Management for:</b>	2013 Water Plan - Goal
water purification/waste treatment	2013 Water Plan Strategy
flood mitigation	2013 Water Plan Strategy
drought mitigation/flow attenuation	2013 Water Plan Strategy
provision of aquatic and terrestrial habitat	2013 Water Plan Strategy
soil fertility, health, and productivity	2013 Water Plan Strategy
Nutrient, mineral cycling and delivery	2013 Water Plan Strategy
carbon sequestration	2013 Water Plan Strategy
biodiversity maintenance	2013 Water Plan Strategy
climate moderation/buffering	2013 Water Plan Strategy
managing salinity gradients	2013 Water Plan Strategy
restore and protect species impacted by the Central Valley Project	Central Valley Project Conservation Program - BOR
restore and protect habitats impacted by the Central Valley Project	Central Valley Project Improvement Act Habitat Restoration Program - BOR

<b>Goal or Objective</b>	<b>Program</b>
Improve air and water quality	Strategic Growth Council
protect natural resources and agricultural lands	Strategic Growth Council
coordinate activities of state agencies and partner stakeholders to promote sustainability, economic prosperity, and quality of life for all Californians	Strategic Growth Council
Remediate barriers to effective fish migration	Fish Passage Forum
Facilitate coordination and communication among agencies, agency staff, and other entities that may propose, review, or promulgate fish passage criteria within California	Fish Passage Forum
Identify, assess, and prioritize the removal of fish passage barriers	Fish Passage Forum
Disseminate guidelines and design criteria for replacement of barriers	Fish Passage Forum
Coordinate funding mechanisms to remove fish passage barriers	Fish Passage Forum
Promote state and federal permit coordination and efficiencies	Fish Passage Forum
Facilitate plans to monitor and evaluate fish passage restoration effectiveness to ensure accountability	Fish Passage Forum
Promote existing state and national policy and actions that support fish passage improvement in California	Fish Passage Forum
Implement education and outreach activities, targeting both general public and fish passage practitioners	Fish Passage Forum
Restore the connectivity of freshwater habitats throughout the historic range of anadromous fish	Fish Passage Forum

<b>Priority Species from Central Valley Efforts</b>	
<b>Priority Species</b>	<b>Whose Priority</b>
wintering waterfowl	CVJV
wintering shorebirds	CVJV
breeding and non-breeding waterfowl	CVJV
breeding and non-breeding shorebirds	CVJV
riparian-dependent songbirds	CVJV
waterbirds	CVJV
Song sparrow	CVJV
Ash-throated Flycatcher	CVJV
Least Bell's Vireo	CVJV

<b>Priority Species</b>	<b>Whose Priority</b>
Yellow-breasted chat	CVJV
Black-headed grosbeak	CVJV
Bank Swallow	CVJV
Common yellowthroat	CVJV
Nuttall's Woodpecker	CVJV
Western yellow-billed cuckoo	CVJV
Spotted towhee	CVJV
Western grebe	CVJV
Lazuli Bunting	CVJV
Snowy egret	CVJV
Yellow Warbler	CVJV
Least bittern	CVJV
White-faced ibis	CVJV
Black tern	CVJV
Black rail	CVJV
Sandhill crane	CVJV
Delta Smelt	BDCP
Longfin Smelt	BDCP
Chinook Salmon, Sacramento River Winter-Run Evolutionarily Significant Unit	BDCP
Chinook Salmon, Central Valley Spring-Run Evolutionarily Significant Unit	BDCP
Chinook Salmon, Central Valley Fall- and Late Fall-Run Evolutionarily Significant Unit	BDCP
Steelhead	BDCP
Sacramento Splittail	BDCP
Green Sturgeon	BDCP
White Sturgeon	BDCP
Pacific and River Lamprey	BDCP
Riparian Brush Rabbit	BDCP
Riparian Woodrat (San Joaquin Valley)	BDCP
Salt Marsh Harvest Mouse	BDCP
San Joaquin Kit Fox	BDCP
Suisun Shrew	BDCP
California Black Rail	BDCP
California Clapper Rail	BDCP
Greater Sandhill Crane	BDCP

<b>Priority Species</b>	<b>Whose Priority</b>
Least Bell's Vireo	BDCP
Suisun Song Sparrow	BDCP
Swainson's Hawk	BDCP
Tricolored Blackbird	BDCP
Western Burrowing Owl	BDCP
Western Yellow-Billed Cuckoo	BDCP
White-Tailed Kite	BDCP
Yellow-Breasted Chat	BDCP
Giant Garter Snake	BDCP
Western Pond Turtle	BDCP
California Red-Legged Frog	BDCP
California Tiger Salamander	BDCP
Valley Elderberry Longhorn Beetle	BDCP
Vernal Pool Crustaceans	BDCP
Brittlescape, Heartscale, and San Joaquin Spearscale	BDCP
Carquinez Goldenbush	BDCP
Delta Button Celery	BDCP
Delta Mudwort and Mason's Lilaeopsis	BDCP
Delta Tule Pea and Suisun Marsh Aster	BDCP
Side-Flowering Skullcap	BDCP
Slough Thistle	BDCP
Soft Bird's-Beak and Suisun Thistle	BDCP
Vernal Pool Plants	BDCP
Listed and threatened species	2005 SWAP
delta smelt	2013 Water Plan
longfin smelt	2013 Water Plan
green sturgeon	2013 Water Plan
chinook salmon	2013 Water Plan
coho salmon	2013 Water Plan
steelhead	2013 Water Plan
Valley Elderberry Longhorn Beetle	2013 Water Plan
giant Garter Snake	2013 Water Plan
migratory birds	2013 Water Plan
Blunt-nosed Leopard Lizard	Central Valley Project Conservation Program
Riparian Brush Rabbit	Central Valley Project Conservation Program

<b>Priority Species</b>	<b>Whose Priority</b>
Tipton Kangaroo Rat	Central Valley Project Conservation Program
San Joaquin Kit Fox	Central Valley Project Conservation Program
San Joaquin Woolly Threads	Central Valley Project Conservation Program
California Jewelflower	Central Valley Project Conservation Program
Kern Mallow	Central Valley Project Conservation Program
Hoover's Woolly Star	Central Valley Project Conservation Program
Bakersfield Cactus	Central Valley Project Conservation Program
Giant Kangaroo Rat	Central Valley Project Conservation Program
Buena Vista Lake Shrew	Central Valley Project Conservation Program
Palmate-bracted Bird's Beak	Central Valley Project Conservation Program
Kern Primrose Sphinx Moth	Central Valley Project Conservation Program
Riparian Woodrat	Central Valley Project Conservation Program
Fresno Kangaroo Rat	Central Valley Project Conservation Program
California Condor	Central Valley Project Conservation Program
San Benito Evening Primrose	Central Valley Project Conservation Program
Bay Checkerspot Butterfly	Central Valley Project Conservation Program
Tiburon Paintbrush	Central Valley Project Conservation Program
Coyote Ceanothus	Central Valley Project Conservation Program
Santa Clara Valley Dudleya	Central Valley Project Conservation Program
Metcalf Canyon Jewelflower	Central Valley Project Conservation Program
Presidio Clarkia	Central Valley Project Conservation Program
San Mateo Thornmint	Central Valley Project Conservation Program
Fountain Thistle	Central Valley Project Conservation Program

<b>Priority Species</b>	<b>Whose Priority</b>
Marin Dwarf flax	Central Valley Project Conservation Program
San Mateo Woolly Sunflower	Central Valley Project Conservation Program
White-rayed Pentachaeta	Central Valley Project Conservation Program
Large Flowered Fiddleneck	Central Valley Project Conservation Program
Callippe Silverspot Butterfly	Central Valley Project Conservation Program
Alameda Whipsnake	Central Valley Project Conservation Program
Pallid Manzanita	Central Valley Project Conservation Program
Stebbin's Morning Glory	Central Valley Project Conservation Program
Layne's Butterweed	Central Valley Project Conservation Program
Pine Hill Ceanothus	Central Valley Project Conservation Program
Pine Hill Flannelbush	Central Valley Project Conservation Program
El Dorado Bedstraw	Central Valley Project Conservation Program
Ione Buckwheat	Central Valley Project Conservation Program
Ione Manzanita	Central Valley Project Conservation Program
Chinese Camp Brodiaea	Central Valley Project Conservation Program
Keck's Checkermallow	Central Valley Project Conservation Program
Hartweg's Golden Sunburst	Central Valley Project Conservation Program
San Joaquin Adobe Sunburst	Central Valley Project Conservation Program
California Red-legged Frog	Central Valley Project Conservation Program
Red Hills Vervain	Central Valley Project Conservation Program
Mariposa Pussypaw	Central Valley Project Conservation Program
Springville Clarkia	Central Valley Project Conservation Program
Bald Eagle	Central Valley Project Conservation Program

<b>Priority Species</b>	<b>Whose Priority</b>
Crampton's Tuctoria (Solano Grass)	Central Valley Project Conservation Program
Longhorn Fairy Shrimp	Central Valley Project Conservation Program
Vernal Pool Fairy Shrimp	Central Valley Project Conservation Program
Delta button-celery	DWR CV Flood System Conservation Strategy
Slough thistle	DWR CV Flood System Conservation Strategy
Invertebrates	DWR CV Flood System Conservation Strategy
Valley elderberry longhorn beetle	DWR CV Flood System Conservation Strategy
California Central Valley steelhead	DWR CV Flood System Conservation Strategy
Chinook salmon	DWR CV Flood System Conservation Strategy
Green sturgeon	DWR CV Flood System Conservation Strategy
Giant garter snake	DWR CV Flood System Conservation Strategy
Bank swallow	DWR CV Flood System Conservation Strategy
California black rail	DWR CV Flood System Conservation Strategy
Greater sandhill crane	DWR CV Flood System Conservation Strategy
Least Bell's vireo	DWR CV Flood System Conservation Strategy
Swainson's hawk	DWR CV Flood System Conservation Strategy
Western yellow-billed cuckoo	DWR CV Flood System Conservation Strategy
Riparian brush rabbit	DWR CV Flood System Conservation Strategy
Riparian woodrat	DWR CV Flood System Conservation Strategy

<b>Priority Species</b>	<b>Whose Priority</b>
Vernal Pool Tadpole Shrimp	Central Valley Project Conservation Program
Hoover's Spurge	Central Valley Project Conservation Program
Colusa Grass	Central Valley Project Conservation Program
Conservancy Fairy Shrimp	Central Valley Project Conservation Program
Hairy Orcutt Grass	Central Valley Project Conservation Program
Sacramento Orcutt Grass	Central Valley Project Conservation Program
California Tiger Salamander	Central Valley Project Conservation Program
Succulent (Fleshy) Owl's Clover	Central Valley Project Conservation Program
San Joaquin Valley Orcutt Grass	Central Valley Project Conservation Program
Slender Orcutt Grass	Central Valley Project Conservation Program
Greene's Tuctoria	Central Valley Project Conservation Program
Contra Costa Goldfields	Central Valley Project Conservation Program
Butte County Meadowfoam	Central Valley Project Conservation Program
Giant Garter Snake	Central Valley Project Conservation Program
Least Bell's Vireo	Central Valley Project Conservation Program
Valley Elderberry Longhorn Beetle	Central Valley Project Conservation Program
Antioch Dunes Evening Primrose	Central Valley Project Conservation Program
Contra Costa Wallflower	Central Valley Project Conservation Program
Lange's Metalmark Butterfly	Central Valley Project Conservation Program
Salt Marsh Harvest Mouse	Central Valley Project Conservation Program
California Clapper Rail	Central Valley Project Conservation Program
Soft Bird's Beak	Central Valley Project Conservation Program
Monterey Spineflower	Central Valley Project Conservation Program

<b>Priority Species</b>	<b>Whose Priority</b>
Santa Cruz Tarweed	Central Valley Project Conservation Program
Western Snowy Plover	Central Valley Project Conservation Program
Santa Cruz Long-toed Salamander	Central Valley Project Conservation Program
Robust Spineflower	Central Valley Project Conservation Program
migratory birds	Central Valley Project Improvement Act Habitat Restoration Program
anadramous fishes	Central Valley Project Improvement Act Habitat Restoration Program
anadramous fishes	Fish Passage Forum
coho salmon	Fish Passage Forum
chinook salmon	Fish Passage Forum
steelhead	Fish Passage Forum
Pacific lamprey	Fish Passage Forum
white sturgeon	Fish Passage Forum
green sturgeon	Fish Passage Forum
shortnose sucker	Fish Passage Forum
Klamath Basin Lost River sucker	Fish Passage Forum
longfin smelt	Fish Passage Forum

<b>Priority Habitat Types from Central Valley Conservation Efforts</b>	
<b>Priority Habitat Type</b>	<b>Whose Priority</b>
Seasonal wetlands	CVJV
Semi-permanent wetlands	CVJV
Riparian areas	CVJV
Rice cropland (enhanced for bird habitat)	CVJV
Agricultural cropland (enhanced for bird habitat)	CVJV
Tidal Perennial Aquatic	BDCP
Tidal Mudflat	BDCP
Tidal Brackish Emergent Wetland	BDCP
Tidal Freshwater Emergent Wetland	BDCP
Valley/Foothill Riparian	BDCP
Nontidal Perennial Aquatic and Nontidal Freshwater Perennial Emergent Wetland	BDCP
Alkali Seasonal Wetland Complex	BDCP
Vernal Pool Complex	BDCP
Managed Wetland	BDCP
Grassland	BDCP
Inland Dune Scrub	BDCP
Cultivated Lands	BDCP
Wetlands and riparian aquatic areas	2005 SWAP
aquatic areas	2013 Water Plan
Riparian areas	2013 Water Plan
floodplain ecosystems	2013 Water Plan
wetlands	2013 Water Plan
Agriculture	CVP Conservation Program & Habitat Restoration Program
alkali sink/scrubland	CVP Conservation Program & Habitat Restoration Program
chaparral	CVP Conservation Program & Habitat Restoration Program
coniferous forest	CVP Conservation Program & Habitat Restoration Program
grassland	CVP Conservation Program

	& Habitat Restoration Program
native uplands	CVP Conservation Program & Habitat Restoration Program

<b>Priority Habitat Type</b>	<b>Whose Priority</b>
oak woodland	CVP Conservation Program & Habitat Restoration Program
permanent wetland	CVP Conservation Program & Habitat Restoration Program
ponds	CVP Conservation Program & Habitat Restoration Program
riparian	CVP Conservation Program & Habitat Restoration Program
riverine dunes	CVP Conservation Program & Habitat Restoration Program
seasonal wetlands	CVP Conservation Program & Habitat Restoration Program
Semi-permanent wetlands	CVP Conservation Program & Habitat Restoration Program
serpentine soil habitat	CVP Conservation Program & Habitat Restoration Program
stream channel	CVP Conservation Program & Habitat Restoration Program
vernal pools and swales	CVP Conservation Program & Habitat Restoration Program
Freshwater	Fish Passage Forum
San Joaquin Upland	CVP Conservation Program & Habitat Restoration Program
Serpentine Soil	CVP Conservation Program & Habitat Restoration Program
Chaparral and Scrub East of SF Bay	CVP Conservation Program & Habitat Restoration Program
Gabbro Soil	CVP Conservation Program & Habitat Restoration Program
Southern Sierran Foothills	CVP Conservation Program & Habitat Restoration Program
Vernal pools	CVP Conservation Program & Habitat Restoration Program

Riparian and wetland	CVP Conservation Program & Habitat Restoration Program
Antioch Dunes	CVP Conservation Program & Habitat Restoration Program
Tidal Marsh	CVP Conservation Program & Habitat Restoration Program

### **Priority Resources or Ecosystem Processes from Central Valley Conservation Efforts**

<b>Priority Resource</b>	<b>Whose Priority</b>
Water for wetlands	CVJV
Delta salinity	Sac.-San Joaquin Basin Study
Pelagic species habitat	Sac.-San Joaquin Basin Study
Coldwater reservoir	Sac.-San Joaquin Basin Study
Food web productivity	Sac.-San Joaquin Basin Study
Floodplain processes	Sac.-San Joaquin Basin Study
Adult salmon migration	Sac.-San Joaquin Basin Study
Private land conservation/restoration	2005 SWAP
Connectivity	2005 SWAP
Water quality and quantity for wildlife	2005 SWAP
Salinity	2005 SWAP
Flood patterns	2005 SWAP
River flow patterns	2005 SWAP
Water temperature	2005 SWAP
fish passage	2005 SWAP
invasive species	2005 SWAP
Fish Passage	Fish Passage Forum