

List Actions: Direct

Strategy Category	Resources Affected	Action Type
Action Description		
#3 Protect and secure water	Riparian Vegetation & Natural Riverbank	Direct Action: Land Acquisition, Easement & Lease
Buy property that comes with riparian water rights to acquire sufficient water to sustain riparian resources.		
#6 Protect and secure water	Riparian Vegetation & Natural Riverbank	Direct Action: Direct Management
Enforce/implement existing water laws (NEPA/CEQA/Water Rights Doctrine), including those related to water quality and water quantity. (E.g. Porter-Cologne Act, CA public Trust Doctrine, and other legislation) with consideration of climate change.		
#9 Protect and secure water	Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland-dependent Reptiles	Direct Action: Direct Management
Develop off-channel storage (new storage infrastructure)		
#10 Protect and secure water	Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland-dependent Reptiles	Direct Action: Direct Management
Increase reservoir capacity (existing storage infrastructure)		
#11 Protect and secure water	Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland-dependent Reptiles	Direct Action: Direct Management
Use agricultural fields and wetlands for storage during high flows, release later in the season		
#14 Protect and secure water	Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland-dependent Reptiles	Direct Action: Direct Management
Coordinate and improve water management across management units to increase water use efficiency in support wildlife and wetland ecosystem		
#16 Protect and secure water	Permanent Wetlands, Tricolored Black Bird	Direct Action: Direct Management
Improve or add water infrastructure (gates, pipes, lining canals etc.) to reduce water loss in the existing system		

#20	Protect and secure water	Salmonids	Direct Action: Direct Management
	Provide riparian habitat for nutrient removal/addition/modification		
#21	Protect and secure water	Salmonids	Direct Action: Direct Management
	Enforce Regional Wastewater Treatment Plans to improve water quality		
#22	Protect and secure water	Salmonids	Direct Action: Direct Management
	Enforce NPDES Permitting to improve water quality		
#23	Protect and secure water	Amphibians, Dragonflies & Damselflies	Direct Action: Direct Management
	Reduce nutrients to existing water courses		
#24	Protect and secure water	Amphibians, Yellow-legged Frog	Direct Action: Direct Management
	Limit runoff from agricultural lands		
#25	Protect and secure water	Amphibians, Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland-dependent Reptiles	Direct Action: Direct Management
	Improve Ag and road maintenance practices by reducing pesticide and fertilizer use, using covercrops		
#31	Protect and secure water	Amphibians, Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland-dependent Reptiles	Direct Action: Direct Management
	Plant vegetation buffers to increase soil water retention and groundwater recharge, and improve water quality (conjunctive use, slow-it-spread-it-sink-it)		
#32	Protect and secure water	Amphibians, Stream Channel	Direct Action: Direct Management
	Restore meadows		
#33	Protect and secure water	Oak Woodlands, Valley Oak	Direct Action: Direct Management
	Enhance natural flooding regimes to encourage new groundwater recharge and sustain viable groundwater levels, maintain and restore streamflow		
#34	Protect and secure water	Amphibians, Burrowing Mammals, Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland-dependent Reptiles	Direct Action: Direct Management
	Restore grasslands to increase soil water retention and GW recharge (conjunctive use, slow-it-spread-it-sink-it)		

#35	Protect and secure water	Amphibians, Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland- dependent Reptiles	Direct Action: Direct Management
	Reduce runoff from urban areas with decreased impervious surfaces and increased retention basins		
#38	Protect and secure water	Pacific Lamprey	Direct Action: Direct Management
	Change point diversion to NDI and employ screen technology to prevent ammocoetes salvage/entrainment		
#40	Protect and secure water	Dragonflies & Damselflies, Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland- dependent Reptiles	Direct Action: Direct Management
	Encourage wildlife-friendly spring, fall, and winter flooding for habitat and groundwater recharge. (Adds the GW purpose to existing flooding practices, includes additional ag lands flooded for GW recharge, like orchards.)		
#42	Protect and secure water	Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland- dependent Reptiles	Direct Action: Direct Management
	Improve water management within wetland management units for better water use efficiency and wildlife support.		
#43	Protect and secure water	Permanent Wetlands, Tricolored Black Bird, Wetland- dependent Reptiles	Direct Action: Direct Management
	Implement efficient management of seasonal wetland water depth.		
#44	Protect and secure water	Permanent Wetlands, Tricolored Black Bird	Direct Action: Direct Management
	Line or pipe canals to reduce water loss in the existing system		
#45	Protect and secure water	Amphibians, Flooded Croplands, Wetland- dependent Reptiles	Direct Action: Direct Management
	Improve agricultural and road maintenance practices to reduce water contaminants (heavy metals, fertilizers, pesticides)		
#48	Improve Riparian & Riverine Systems	Amphibians, Permanent Wetlands, Tricolored Black Bird, Wetland- dependent Reptiles	Direct Action: Direct Management
	Employ vegetation management techniques to enhance stream and wetland cover and reduce evaporation.		
#50	Improve Riparian & Riverine Systems	Riparian	Direct Action: Direct

Implement improved floodplain designs (e.g. breaching levees; take out, modify, remove, set back, alter, etc., bypasses)	Vegetation & Natural Riverbank	Management
#51 Improve Riparian & Riverine Systems	Riparian	Direct Action: Land Acquisition, Easement & Lease
Protect existing riparian habitat by purchasing easements and/or titles.	Vegetation & Natural Riverbank, Stream Channel	
#52 Improve Riparian & Riverine Systems	Riparian	Direct Action: Direct Management
Control invasive species to maintain desired ecological functions (not necessarily eradicate).	Vegetation & Natural Riverbank	
#54 Improve Riparian & Riverine Systems	Stream Channel	Direct Action: Direct Management
Restore habitats that attenuate and/or store water to feed riparian systems		
#55 Improve Riparian & Riverine Systems	Yellow-legged Frog	Direct Action: Direct Management
Protect and restore natural stream systems to ensure a mix of open and shaded areas (combine with riparian restoration and salmonid strategies where co-benefits)		
#57 Improve Riparian & Riverine Systems	California Red-legged Frog	Direct Action: Direct Management
Remove water diversions		
#58 Improve Riparian & Riverine Systems	Yellow-legged Frog	Direct Action: Direct Management
Remove dams that act as barriers to natural streamflow		
#59 Improve Riparian & Riverine Systems	Pacific Lamprey	Direct Action: Direct Management
Restore and protect active riverbed		
#60 Improve Riparian & Riverine Systems	Stream Channel	Direct Action: Direct Management
Remove sediment-full dams		
#61 Improve Riparian & Riverine Systems	Stream Channel	Direct Action: Direct Management
Introduce sediment below dams/dredge/remove/reintroduce		
#62 Improve Riparian & Riverine Systems	Cavity Nesters & Roosters	Direct Action: Direct Management
Fence riparian corridors where appropriate for protected water		
#63 Improve Riparian & Riverine Systems	Pacific Lamprey	Direct Action: Direct Management
Implement hydrolock travelling screen for salvage protection @ SWP to prevent ammocoetes salvage/entrainment		
#66 Improve Riparian & Riverine Systems	Green Sturgeon	Direct Action: Direct Management
Provide flow and temperature requirements in existing fish habitat		
#67 Improve Riparian & Riverine Systems	Pacific Lamprey	Direct Action: Direct Management
Reduce streambed dewatering to protect Pacific lamprey ammocoetes		
#68 Improve Riparian & Riverine Systems	Amphibians, Green Sturgeon,	Direct Action: Direct Management
Return/reactivate natural floodplains and active channel. Reactivate floodplains during high flow years and remove fish		

passage impediments.	Stream Channel, Yellow-legged Frog	
#69 Improve Riparian & Riverine Systems		
Manage sediment deposition and supply by modifying outflow structures/valves/ gates, levee setbacks, appropriate dam modifications.	Pacific Lamprey, Stream Channel	Direct Action: Direct Management
#71 Improve Riparian & Riverine Systems		
Develop and enforce criteria, work with hydro dam operations to shape hydrograph, ensure water release meets species needs; pulse flow in winter and spring; support breeding frogs; timing and temperature	Stream Channel, Yellow-legged Frog	Direct Action: Direct Management
#72 Improve Riparian & Riverine Systems		
Maintain instream flows	California Red-legged Frog, Dragonflies & Damselflies	Direct Action: Direct Management
#73 Improve Riparian & Riverine Systems		
Employ agriculturally-associated riparian strips to enhance the riparian habitat value associated with aquatic areas throughout the landscape matrix.	Riparian Birds	Direct Action: Direct Management
#74 Improve Riparian & Riverine Systems		
Create stream levee setbacks, remove levees, and manage land boundaries (easement use, eminent domain, fee title acquisitions).	Stream Channel	Direct Action: Land Acquisition, Easement & Lease
#76 Reduce Non-Climate Stressors		
Reduce illicit cannabis agriculture through education, outreach, and policy regarding the impacts of cannabis agriculture	Yellow-legged Frog	Direct Action: Direct Management
#77 Reduce Non-Climate Stressors		
Manage inappropriate Off Highway Vehicle (OHV) use and recreational access in vulnerable areas.	Amphibians, Chaparral & Serpentine Shrublands	Direct Action: Direct Management
#79 Reduce Non-Climate Stressors		
Reduce spread of West Nile Virus (limit spread of infected mosquito).	Yellow-billed Magpie	Direct Action: Direct Management
#81 Reduce Non-Climate Stressors		
Consider water-born bird disease management in water placement	Breeding Waterbirds & Shorebirds	Direct Action: Direct Management
#82 Reduce Non-Climate Stressors		
Increase circulation of water to manage bird diseases	Breeding Waterbirds & Shorebirds	Direct Action: Direct Management
#85 Reduce Non-Climate Stressors		
Manage invasive species and restore natural communities	Amphibians, Dunes, Grasslands	Direct Action: Direct Management
#86 Reduce Non-Climate Stressors		
Conduct Integrated Pest Management to manage invasive, fire	Blunt-nosed Leopard Lizard	Direct Action: Direct Management

susceptible species as well as competitor species (e.g., kangaroo rats).		
#87 Reduce Non-Climate Stressors	Amphibians, California Red-legged Frog, Vernal Pool Crustaceans, Yellow-legged Frog	Direct Action: Direct Management
Control invasives: bullfrogs, algae. Remove bullfrog from adjacent or upstream pools/ponds or other habitats that may be introduced under flood conditions.		
#90 Reduce Non-Climate Stressors	Amphibians, Permanent Wetlands, Seasonal Wetlands, Wetland-dependent Reptiles	Direct Action: Direct Management
Control carp, bullfrogs, water snakes where they are problematic in wetlands		
#91 Reduce Non-Climate Stressors	Tricolored Black Bird	Direct Action: Direct Management
Selectively eradicate non-natives to preserve some himalaya blackberries for tricolored blackbirds		
#94 Reduce Non-Climate Stressors	Amphibians, Salmonids	Direct Action: Direct Management
Conduct Low Impact Development for stormwater control and agricultural detention ponds to control contaminants		
#96 Reduce Non-Climate Stressors	Amphibians, Dragonflies & Damselflies	Direct Action: Direct Management
Use Integrated Pest Management and riparian buffers to reduce pesticide use.		
#101 Reduce Non-Climate Stressors	Tricolored Black Bird	Direct Action: Direct Management
Work with farmers to decrease harvesting impacts on tricolored blackbird		
#103 Reduce Non-Climate Stressors	Blunt-nosed Leopard Lizard	Direct Action: Direct Management
Decrease severe habitat degradation and/or habitat elimination from land uses that cause significant impacts to protect large, diverse landscapes		
#104 Reduce Non-Climate Stressors	Green Sturgeon	Direct Action: Direct Management
Remove Deguerrie and Englebright Dams		
#105 Reduce Non-Climate Stressors	Amphibians, California Red-legged Frog, Chaparral & Serpentine Shrublands, Oak Woodlands, Valley Oak	Direct Action: Direct Management
Manage/eradicate non-native invasive plants, e.g., blackberry, annual grasses, invasive plants in red-legged frog habitat		
#107 Enhance populations	Oak Woodlands	Direct Action: Direct Management
Maintain genetic diversity of oak woodlands over time.		
#108 Enhance populations	Breeding Waterbirds &	Direct Action: Direct Management

Increase cover in uplands adjacent to wetlands to enhance breeding success of waterbirds (combine with similar below)	Shorebirds, Wetland- dependent Reptiles	
#109 Enhance populations	Breeding Waterbirds & Shorebirds	Direct Action: Direct Management
Increase safe nesting for shorebirds in managed wetlands		
#110 Enhance populations	Tricolored Black Bird	Direct Action: Direct Management
Restore tricolored blackbird breeding/feeding habitat and provide forage		
#114 Enhance populations	Amphibians, Blunt-nosed Leopard Lizard, California Red- legged Frog, Oak Woodlands, Valley Oak, Wetland- dependent Reptiles, Yellow-legged Frog	Direct Action: Direct Management
Implement translocation, reintroduction, population augmentation of priority animal species and species groups to appropriate sites based on current and future conditions.		
#115 Enhance populations	Salmonids	Direct Action: Direct Management
Truck fish in the absence of water		
#116 Enhance populations	Oak Woodlands, Valley Oak	Direct Action: Direct Management
Facilitate dispersal, translocation of oaks and to appropriate sites based on current and future conditions.		
#117 Enhance populations	Wetland- dependent Reptiles	Direct Action: Direct Management
Conduct reptile captive breeding program		
#121 Enhance populations	Green Sturgeon	Direct Action: Direct Management
Enforce anti-poaching (green sturgeon)		
#123 Enhance populations	Burrowing Mammals	Direct Action: Direct Management
Plant diverse composition of native species, manage vegetation composition and structure for burrowing mammals		
#125 Enhance populations	Salmonids	Direct Action: Direct Management
Implement Hatchery Science Review Group (HSRG) Recommendations		
#129 Enhance habitat protection	Amphibians, Dunes	Direct Action: Direct Management
Protect existing sand sources		
#131 Enhance habitat protection	Amphibians, California Tiger Salamander, Grasslands, Vernal Pool Crustaceans,	Direct Action: Land Acquisition, Easement & Lease
Protect existing suitable vernal pool habitat through acquisition and by providing conservation incentives to private landowners.		

		Vernal Pools & Swales	
#132	Enhance habitat protection	Amphibians, California Tiger Salamander, Grasslands, Vernal Pool Crustaceans, Vernal Pools & Swales	Direct Action: Direct Management
	Increase regulatory oversight and/or enforcement of existing regulations to address need for better methods of protecting vernal pools especially and grasslands.		
#138	Enhance habitat protection	Oak Woodlands, Valley Oak	Direct Action: Direct Management
	Limit habitat conversion by designating high priority areas		
#139	Enhance habitat protection	Oak Woodlands, Valley Oak	Direct Action: Direct Management
	Identify and promote compatible land uses to limit habitat conversion and retain/restore Valley Oak.		
#140	Enhance habitat protection	Dunes	Direct Action: Land Acquisition, Easement & Lease
	Protect lands through easements to prevent further Dune habitat fragmentation and degradation.		
#141	Enhance habitat protection	Amphibians, California Tiger Salamander, Vernal Pool Crustaceans, Vernal Pools & Swales	Direct Action: Direct Management
	Develop practices to restore hydrology in local complexes to maintain or augment vernal pool hydroperiods.		
#142	Enhance habitat protection	Riparian Vegetation & Natural Riverbank	Direct Action: Land Acquisition, Easement & Lease
	Secure rights to conduct riparian restoration (e.g. contract, easement, etc.)		
#143	Enhance habitat protection	Oak Woodlands	Direct Action: Direct Management
	Protect existing old growth oaks		
#144	Enhance habitat protection	Breeding Waterbirds & Shorebirds, Rice Croplands, Wetland-dependent Reptiles	Direct Action: Land Acquisition, Easement & Lease
	Maintain rice cultivation by acquiring conservation easements to reduce urbanization.		
#148	Enhance habitat protection	Amphibians, Large Wide-ranging Mammals	Direct Action: Direct Management
	Protect current & future habitat of Large wide-ranging mammals		
#150	Enhance habitat protection	Amphibians, California Tiger Salamander, Vernal Pool Crustaceans,	Direct Action: Direct Management
	Develop and implement prescribed burn BMPs and IPM under changing precipitation and hydroperiod scenarios to address likely issue of decreasing hydroperiods and limit invasive species		

	Vernal Pools & Swales	
#154 Enhance habitat protection	Salmonids	Direct Action: Direct Management
Provide shaded riparian habitat corridors for fish.		
#155 Enhance habitat protection	Cavity Nesters & Roosters, Oak Woodlands, Yellow-billed Magpie	Direct Action: Direct Management
Prioritize lands for acquisition or easements in drought refugia areas for oak species; include/develop management practices to create good habitat for cavity nesters.		
#159 Enhance habitat protection	Oak Woodlands, Valley Oak, Yellow-billed Magpie	Direct Action: Land Acquisition, Easement & Lease
Easements and acquisitions to maintain/restore existing oak woodland habitat to reduce fragmentation and create new space for species migration.		
#160 Enhance habitat protection	Amphibians, Wetland-dependent Reptiles, Wintering Waterbirds & Shorebirds	Direct Action: Direct Management
Identify & prioritize unprotected wetlands in areas important for future resilience		
#161 Enhance habitat protection	Amphibians, Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland-dependent Reptiles, Wintering Waterbirds & Shorebirds	Direct Action: Land Acquisition, Easement & Lease
Promote and acquire easements or fee title, at market rates, to protect existing and future wetland habitat		
#164 Enhance habitat protection	Green Sturgeon	Direct Action: Direct Management
Protect existing floodplain habitat for early life stages of fish		
#165 Enhance habitat protection	Pacific Lamprey	Direct Action: Direct Management
Improve/increase fish habitat below dams, including expansion of floodplains		
#166 Enhance habitat protection	Oak Woodlands	Direct Action: Direct Management
Implement regulations such as CEQA NEPA		
#167 Enhance habitat protection	Chaparral & Serpentine Shrublands	Direct Action: Land Acquisition, Easement & Lease
Protect and manage areas that may act as climate refugia and/or most suitable habitat.		
#169 Increase connectivity	Oak Woodlands, Valley Oak	Direct Action: Direct Management
Conduct active restoration of riparian corridors associated with Valley Oak with facilitated movement of acorns/seed		

placement.		
#170 Increase connectivity		
Manage industrial and recreational land use to prevent further dune habitat fragmentation and degradation	Dunes	Direct Action: Direct Management
#171 Increase connectivity		
Identify, prioritize, and protect linkages for Large wide-ranging mammals, burrowing mammals.	Amphibians, Burrowing Mammals, Large Wide-ranging Mammals	Direct Action: Direct Management
#172 Increase connectivity		
Reduce roadkill at high-risk crossings (provide passage at bottlenecks). Identify and build key crossing structures	Amphibians, Burrowing Mammals, Large Wide-ranging Mammals, Wetland-dependent Reptiles	Direct Action: Direct Management
#173 Increase connectivity		
Improve adult fish passage in existing habitat; Provide passage above dams, and past other impediments; Create fish access to suitable habitat by providing passage above dams, and past other impediments	Green Sturgeon, Pacific Lamprey, Salmonids	Direct Action: Direct Management
#174 Increase connectivity		
Provide floodplain access for early fish rearing	Green Sturgeon	Direct Action: Direct Management
#175 Increase connectivity		
Remove Weirs to improve fish passages	Green Sturgeon	Direct Action: Direct Management
#176 Increase connectivity		
Provide connectivity of appropriate fish habitat below and beyond salmon habitat	Green Sturgeon	Direct Action: Direct Management
#177 Increase connectivity		
Improve/increase fish habitat below dams: expansion of floodplains and passage modifications	Pacific Lamprey, Salmonids	Direct Action: Direct Management
#178 Increase connectivity		
Provide adequate streamflow for fish passage: Enhance groundwater flow/storage/recharge	Salmonids	Direct Action: Direct Management
#180 Increase connectivity		
Provide open, natural, connected landscapes that are resilient to climate change: Identify, prioritize, and protect linkages to increase size of suitable habitat, protect varied topography, maintain metapopulations, and increase resilience.	Amphibians, Blunt-nosed Leopard Lizard, Burrowing Mammals, San Joaquin Desert	Direct Action: Direct Management
#181 Increase connectivity		
Preserve the physical stage of the San Joaquin Desert habitat in a connected way to allow species to move to new suitable habitats.	San Joaquin Desert	Direct Action: Direct Management

#183	Increase connectivity	Breeding Waterbirds & Shorebirds, Wetland-dependent Reptiles	Direct Action: Direct Management
	Increase wetland restoration with connectivity with uplands for nesting and permanent wetlands for brood rearing, to replace declining rice cropland		
#184	Increase connectivity	Wetland-dependent Mammals, Wetland-dependent Reptiles	Direct Action: Direct Management
	Identify and prioritize locations of wetlands and riverine habitats with hydrologic connectivity		
#185	Increase connectivity	Wetland-dependent Mammals, Wetland-dependent Reptiles	Direct Action: Direct Management
	Implement water allocation with priority to enhance connectivity		
#186	Increase connectivity	Wetland-dependent Mammals, Wetland-dependent Reptiles	Direct Action: Land Acquisition, Easement & Lease
	Implement acquisition with priority to enhance wetland connectivity		
#187	Increase connectivity	Wetland-dependent Reptiles	Direct Action: Direct Management
	Identify and prioritize movement corridors for giant garter snakes and western pond turtle		
#188	Increase connectivity	Amphibians, California Tiger Salamander, Grasslands, Vernal Pool Crustaceans, Vernal Pools & Swales	Direct Action: Land Acquisition, Easement & Lease
	Focus on preserving north-south and east-west gradients of habitat types and associated connectivity.		
#190	Enhance/restore existing habitat	Amphibians, California Red-legged Frog, Dragonflies & Damselflies	Direct Action: Direct Management
	Maintain/increase farm ponds for amphibian habitat and groundwater recharge		
#191	Enhance/restore existing habitat	Grasslands	Direct Action: Direct Management
	Implement fire practices geared towards enhancement of native grassland landscapes.		
#193	Enhance/restore existing habitat	Oak Woodlands	Direct Action: Direct Management
	Develop and encourage adoption of Best Management Practices for Fire Management		
#194	Enhance/restore existing habitat	Oak Woodlands, Valley Oak	Direct Action: Direct Management
	Conduct prescribed burning in oak habitats to maintain open stands, stimulate resprouting, and reduce fuel loads.		
#197	Enhance/restore existing habitat	Riparian Birds	Direct Action: Direct Management

Incorporate migratory bird food plant species into riparian enhancement and restoration plans.		
#198 Enhance/restore existing habitat		
Manage existing riparian habitats to maintain key food resources for breeding and wintering birds	Riparian Birds	Direct Action: Direct Management
#199 Enhance/restore existing habitat		
Provide artificial water sources that are wildlife friendly or make current water sources more accessible; ie, ramp and no lid to stock ponds, spring nesting boxes	Cavity Nesters & Roosters	Direct Action: Direct Management
#200 Enhance/restore existing habitat		
Plant variety of native habitats for pollenators; (grasslands/meadows and others). Plant hedgerows/backyard/parks of native plants in agricultural/urban areas	Bumblebees & Other Insect Pollinators	Direct Action: Direct Management
#201 Enhance/restore existing habitat		
Plant diverse composition of native species to restore drought and fire resilient communities; manage specifically for shrubs as plant refugia (e.g., moderate air temp) and perennial grasses (food source); Restore perennial grasses and forbs	Blunt-nosed Leopard Lizard, San Joaquin Desert	Direct Action: Direct Management
#202 Enhance/restore existing habitat		
Experiment with fallowed lands for drought and fire resilient native plant community restoration	Blunt-nosed Leopard Lizard	Direct Action: Direct Management
#203 Enhance/restore existing habitat		
Protect/restore Large vernal pools that attract waterfowl which are important to facilitate dispersal of cysts and eggs.	Vernal Pool Crustaceans	Direct Action: Direct Management
#204 Enhance/restore existing habitat		
Protect/restore higher elevation pools.	Amphibians, California Tiger Salamander, Vernal Pool Crustaceans	Direct Action: Direct Management
#205 Enhance/restore existing habitat		
Reseed grasslands after catastrophic, non-prescribed fire with local ecotypes, diversity of functional groups like grasses, forbs, bulbs, etc	Grasslands	Direct Action: Direct Management
#206 Enhance/restore existing habitat		
Enhance habitat values in riparian areas using appropriate species	Riparian Vegetation & Natural Riverbank	Direct Action: Direct Management
#208 Enhance/restore existing habitat		
Employ agriculturally-associated riparian strips, shrub/tree species as buffer to enhance the riparian habitat value and limit temperature increases of drainage and water application ditches	Riparian Birds, Yellow-legged Frog	Direct Action: Direct Management
#210 Enhance/restore existing habitat		
	Oak Woodlands	Direct Action: Direct Management

Seeding and planting of oak woodlands post-fire after catastrophic events.		
#211 Enhance/restore existing habitat		
Thin and masticate to reduce hazardous fuel loads and avoid catastrophic wildfire events.	Oak Woodlands	Direct Action: Direct Management
#213 Enhance/restore existing habitat	Amphibians, Blunt-nosed Leopard Lizard, Burrowing Mammals, California Tiger Salamander, Grasslands, Oak Woodlands, Permanent Wetlands, San Joaquin Desert, Seasonal Wetlands, Tricolored Black Bird, Valley Oak, Vernal Pool Crustaceans, Vernal Pools & Swales, Wetland-dependent Reptiles	Direct Action: Direct Management
Develop, promote, and encourage Best Management Practices for grazing for multiple benefits: restoration of drought and fire resilient native plant communities, vernal pool and grassland conservation, oak woodland regeneration/conservation, riparian corridors, soil water retention, groundwater recharge, bat and burrowing mammal habitat.		Direct Action: Direct Management
#215 Enhance/restore existing habitat		
Identify locations of potential sites for oak woodland reforestation	Oak Woodlands	Direct Action: Direct Management
#219 Enhance/restore existing habitat		
Conserve acorn woodpecker and other keystone species that create the habitat.	Cavity Nesters & Roosters	Direct Action: Direct Management
#220 Enhance/restore existing habitat		
Maintain structural heterogeneity of trees that get old enough to have cavities; both local scale and landscape scale	Cavity Nesters & Roosters	Direct Action: Direct Management
#223 Enhance/restore existing habitat		
Restore marginal cropland to wetlands by changing policy, finding funding to raise NRCS Wetlands Reserve Program easement offers to market rates	Amphibians, Flooded Croplands, Rice Croplands, Wetland-dependent Reptiles	Direct Action: Land Acquisition, Easement & Lease
#224 Enhance/restore existing habitat		
Promote wetland habitat in July and August to support non-breeding shorebirds through agricultural lands enhancement	Breeding Waterbirds & Shorebirds, Wetland-dependent	Direct Action: Direct Management

(flooding, vegetation management for wintering bird needs)	Reptiles, Wintering Waterbirds & Shorebirds	
#225 Enhance/restore existing habitat	Permanent Wetlands, Seasonal Wetlands, Tricolored Black Bird, Wetland- dependent Reptiles	Direct Action: Direct Management
Continue to promote and support ongoing habitat restoration and enhancement programs to improve existing protected wetland habitat		
#228 Enhance/restore existing habitat	Dunes	Direct Action: Direct Management
Experiment with creating new dune systems		