

## Alameda County

WHF maintains 2 preserves within Alameda County.

- 1. Haera Ranch
- 2. Livermore Valley Preserve

Alameda County is located in the East Bay region of central California, extending from San Francisco Bay to the western edge of the San Joaquin Valley. WHF holds three easements in Alameda County. Although much of the western part of Alameda County is urban, the eastern portion is mostly rural with large expanses of open land.

#### Haera Wildlife Conservation Bank and PG&E San Joaquin Kit Fox Mitigation Site

The Wildlife Heritage Foundation holds two easements in eastern Alameda County (including a small portion of neighboring San Joaquin County) south of Altamont Pass. Both properties are owned and managed by Wildlands, Inc. The Haera Wildlife Conservation Bank consists of 299 acres and the PG&E Kit Fox Mitigation Site consists of 211 acres. Together, the 510 acres provide habitat for burrowing owls and San Joaquin kit fox. The Bank also has suitable habitat for the California tiger salamander. The two properties are dominated by non-native annual grasses, but many native plants are also present in the spring. It is also used by a variety of wildlife, including small mammals and various raptors. Golden eagles have been observed foraging over the properties.

Habitats Found Within this Preserve:

1. Grasslands

Species Found Within this Preserve:

- 1. Burrowing Owls
- 2. San Joaquin Kit Fox
- 3. California Tiger Salamander

#### Livermore Valley Preserve

The 18.84-acre Livermore Valley Preserve is located in the Springtown portion of north Livermore. It was established to provide for the endangered palmate-bracted bird's-beak and California tiger salamander. Habitats present at the Preserve include annual grassland, alkali sink, and seasonal wetlands.



## **Butte County**

WHF maintains 5 preserves within Butte County.

- 1. BCAG Freshwater Marsh Preserve
- 2. BCAG Vernal Pool Preserve
- 3. Daley Ranch Butte Conservation Properties Unit 1 Preserve
- 4. Dove Ridge Conservation Bank

Butte County is located on the east side of the central Sacramento Valley. It stretches from the Sacramento River on the west to the lower reaches of the Sierra Nevada on the east. The valley floor is largely devoted to intensive agriculture. Cattle grazing and lumbering are the common activities in the foothills and mountains. The city of Chico is the largest community in the County and home to California State University, Chico.

#### BCAG Freshwater Marsh Preserve

The BCAG Freshwater Marsh Preserve is a 38-acre Preserve owned by the Butte County Association of Governments. It consists of riparian habitat and created and preserved wetlands. The Preserve was established to mitigate wetland impacts from transportation projects in Butte County. Based on surveys by biologists, the Preserve is home to a wide variety of wildlife, including migratory and resident waterfowl and other birds.

- 1. Habitats Found Within this Preserve
- 2. Riparian
- 3. Wetlands

#### BCAG Vernal Pool Preserve

The BCAG Vernal Pool Preserve is located north of Oroville adjacent to the BCAG Freshwater Marsh Preserve and encompasses 433 acres of preserved and created vernal pool habitat. The Preserve was established by the Butte County Association of Governments as mitigation for transportation project impacts to wetlands. Restoration Resources, the company that created the wetlands, currently owns the Preserve. Ongoing biological surveys show that the Preserve is home to a host of wildlife species, including the vernal pool fairy shrimp and vernal pool tadpole shrimp. Special-status plants known to occur in the Preserve include the Butte County golden clover and the Butte County meadow foam.

- 1. Wetlands
- 2. Grasslands
- 3. Vernal Pools



#### Daley Ranch

WHF holds an easement on 349 acres of this Preserve, which is managed by Wildlands, Inc. The Preserve is a mitigation bank selling vernal pool preservation credits for projects in Butte and parts of other neighboring counties. The Preserve is known to support two species of special-status vernal pool crustaceans, the vernal pool fairy shrimp and the vernal pool tadpole shrimp. In addition to having vernal pools, the Daley Ranch bank also supports other wetland types. Several raptors, including the bald eagle, golden eagle, and prairie falcon are known to use the preserve.

Habitats Found Within this Preserve

1. Wetlands

#### Butte Conservation Properties Unit 1 Preserve

The Butte Conservation Properties Unit 1 encompasses several parcels that will ultimately become part of a larger conservation effort north of Chico. Currently, WHF holds an easement and has oversight responsibilities on 85 acres known as Unit 1A. The property is owned by Loafer Creek, LLC and managed by Restoration Resources. Unit 1A has preserved and created vernal pools and wetlands and provides habitat for the vernal pool fairy shrimp. The north fork of Rock Creek flows through a portion of the Preserve.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Vernal Pools

Species Found Within this Preserve

1. Fairy Shrimp

#### Dove Ridge Conservation Bank

Dove Ridge is a 2,400-acre conservation bank northwest of Oroville between State Route 99 and State Route 149. The Bank was established to preserve habitat for Butte County meadow foam, vernal pool fairy shrimp, and vernal pool tadpole shrimp. Swainson's hawks have been observed foraging over the Bank property. It also supports a number of other special-status species. The Bank is owned by Loafer Creek, LLC and managed by Restoration Resources.

- 1. Wetlands
- 2. Vernal pools
- 3. Grasslands



Species Found Within this Preserve

- 1. Butte county meadowfoam
- 2. Fairy Shrimp
- 3. Tadpole shrimp
- 4. Swainson's hawk

## Contra Costa County

WHF maintains 6 preserves within Contra Costa County.

- 1. Gale Ranch
- 2. Intervening Properties
- 3. Montanera
- 4. Old Ranch Preserve
- 5. Wendt Ranch
- 6. Holland Tract Preserve

Contra Costa County is located in the San Francisco Bay Area of central California. The county extends from San Francisco Bay to the San Joaquin Valley. The Carquinez Strait forms the northern county boundary. The dominant feature in Contra Costa County is Mount Diablo, the highest peak of the Diablo Range.

#### Gale Ranch

The Gale Ranch Preserve includes several parcels and covers a total of 850 acres in the city of San Ramon. Most of the Preserve is grassland, but streams, ponds, riparian habitat, and wetland are present as well. Portions of the Preserve are known to support populations of California red-legged frog. The grassland also provides habitat for the San Joaquin kit fox. WHF holds the conservation easement and acts as the Preserve Manager.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Grasslands

#### Intervening Properties

The Intervening Properties conservation areas consist of two parcels: 27.4 acres known as the on-site preserve and 180 acres known as the Jones property. The on-site conservation area is south of Camino Tassajara Road in Danville and includes a portion of Alamo Creek. This portion of the conservation area

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provides habitat for the California red-legged frog. The Jones property conservation area provides habitat for the California red-legged frog, California tiger salamander, and San Joaquin kit fox. Together, the two conservation areas support grassland, oak woodland, streams, and wetlands. The properties are owned by other entities, but are managed by the Wildlife Heritage Foundation.

Habitats Found Within this Preserve

- 1. Riparian
- 2. Wetlands
- 3. Grasslands
- 4. Woodlands

Species Found Within this Preserve

- 1. California Red Legged Frog
- 2. San Joaquin Kit Fox
- 3. California Tiger Salamander
- 4. Congdon's Tarplant

#### Montanera

The Montanera Open Spaces are located in the hills between Orinda and Berkeley. They consist of several parcels covering over 1,000 acres and were created as mitigation for impacts from the Gateway development project. These Open Spaces preserve grasslands, oak woodlands, seasonal wetlands and seeps, creeks, and riparian habitat. They also provide habitat for the California red-legged frog, foothill yellow-legged frog, Alameda whipsnake, and a host of common species, including raptors. The Wildlife Heritage Foundation has oversight responsibilities for the Open Spaces.

Habitats Found Within this Preserve

- 1. Riparian
- 2. Wetlands
- 3. Grasslands
- 4. Woodlands
- 5. Old Ranch Preserve

The 87-acre Old Ranch Preserve is located in the Old Ranch Summit development east of Alcosta Boulevard and north of Old Ranch Road in the city of San Ramon. The Preserve is managed as habitat for the California tiger salamander and burrowing owl, and was created to offset impacts to habitats for those species. The majority of the Preserve is grassland, but small amounts of wetlands are also present. The Preserve is owned and managed by Davidon Homes and monitored by WHF.



1. Wetlands

#### Wendt Ranch

The 86-acre Wendt Ranch open-space preserves annual grassland, seasonal wetlands, riparian, and stream habitat and is being managed as habitat for the California red-legged frog. The Preserve is located just east of the Intervening Properties Preserve and includes portions of the Main Branch of Alamo Creek and the West Fork of Alamo Creek. In addition, coast live oaks and valley oaks have been planted in part of the Preserve. Shapell Industries of Northern California owns the Preserve and WHF acts as the Preserve Manager.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Grasslands
- 3. Woodlands

Species Found Within this Preserve

1. California Red Legged Frog

#### Holland Tract Preserve

The Holland Tract Preserve is located east-northeast of Oakley in the southwest portion of Holland Tract in the San Joaquin-Sacramento River Delta. It was created as mitigation for wetland impacts for several Contra Costa Water District projects and covers approximately 202 acres. Of that amount approximately 105 acres are created wetlands and open water habitat. Wildlands, Inc. owns and manages the Preserve and the Wildlife Heritage Foundation has oversight responsibilities.



## El Dorado County

WHF maintains 1 preserve within El Dorado County.

1. Superior Storage

El Dorado County is located in northern California east of Sacramento. It extends from the edge of the Central Valley to the Nevada state line. The southern part of Lake Tahoe is in El Dorado County, and many of the county's communities are built around historic gold mining centers.

#### Superior Storage

The Superior Storage Preserve is a small, 0.25-acre Preserve in Cameron Park. It was created as mitigation for the construction of a self-storage project and it consists of a wetland drainage and adjacent upland habitat. The Preserve is owned and managed by the Cambridge Self-Storage Group, but the Wildlife Heritage Foundation oversees the management to ensure compliance with the Conservation Easement.

Habitats Found Within this Preserve

1. Wetlands

## Fresno County

Gerawan Farms

**Owner: Gerawan Farms** 

Endowment: \$253,077

Acreage: 9222 acres

Habitats found on property

Agricultural

WHF has oversight responsibilities



## **Merced County**

WHF maintains 3 preserves within Merced County.

- 1. Great Valley Conservation Bank
- 2. Santa Nella
- 3. Deadman Creek Conservation Bank

Merced County stretches from the foothills of the outer Coast Range on the west side to the edge of Sierra Nevada foothills on the east. Most of the County is in California's San Joaquin Valley. The city of Merced is the largest community in the County.

#### Great Valley Conservation Bank

This 1,067-acre mitigation bank is located in southeastern Merced County just north of the Chowchilla River. The Bank is owned and managed by Wildlands, Inc., and consists of gently rolling grassland with a vernal pool and vernal swale complex. It currently has credits for vernal pool preservation, California tiger salamander upland habitat, and San Joaquin kit fox. Many other grassland species use this bank as well.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Grasslands
- 3. Vernal Pools

#### Santa Nella

The Santa Nella preserve is a 1.6-acre located in western Merced County just east of the O'Neill Forebay of the San Luis Reservoir. It provides a movement corridor for the San Joaquin kit fox.

#### Deadman Creek Conservation Bank

The Deadman Creek Conservation Bank is on Sandy Mush Road, west of State Route 59, south of Merced. WHF holds an easement on almost 684 acres of the 710-acre Bank owned and managed by Wildlands, Inc. The Bank consists of grassland with a vernal pool and vernal swale complex of wetlands. It is currently authorized to sell credits for the San Joaquin kit fox, vernal pool preservation, California tiger salamander, and Swainson's hawk. In addition to these special-status species, a variety of valley grassland wildlife species have been found using Bank resources.



## **Placer County**

WHF maintains 12 preserves within Placer County.

- 1. 3-D South Preserve
- 2. Lincoln Hills Onsite Preserves
- 3. Lincoln Hills Offsite Preserves
- 4. Lincoln Hills Orchard 80 & Riparian Zone Preserves
- 5. Orchard Creek Conservation Bank
- 6. Sierra de Montserrat
- 7. Sierra Springs
- 8. St. Joseph Church
- 9. West Placer Schools Conservation Bank
- 10. Highway 65 Self-Storage Preserve
- 11. Pacific Tech Park Open Space Preserve
- 12. Toad Hill Ranch Mitigation Bank

Placer County is located in the southeast portion of the Sacramento Valley. It stretches from the valley floor on the west to the Nevada state line, and it takes in the northern portion of Lake Tahoe. The city of Auburn is the County Seat, but Roseville, Rocklin, and Lincoln are the largest cities in the County.

#### 3-D South Preserve

The Three D South Preserve (also known as the John D. Vincent Vernal Pool Preserve) covers 312 acres and preserves grassland, seasonal wetlands, freshwater marsh, and natural and restored vernal pools and swales. The Preserve is located on East Catlett Road southwest of the city of Lincoln. The federallylisted vernal pool fairy shrimp has been found is some Preserve pools. Wildlands, Inc. owns and manages the Preserve. The Wildlife Heritage Foundation has oversight responsibilities.

Habitats Found Within this Preserve

1. Vernal Pools

#### Lincoln Hills Onsite Preserves

The Preserves at Lincoln Hills consist of five open space parcels within the larger Lincoln Hills development located in the southeastern portion of Lincoln. Together, the individual open space parcels total 487 acres. Habitats occurring at the on-site Preserves include seasonal wetlands, freshwater marsh, open water, streams, riparian, oak woodland, and annual grassland. Because of the variety of habitats in the Preserves, wildlife use is high. Birds are particularly plentiful in the marsh and open water habitats and the oak woodland habitat in the Northeast Preserve. Bobcats have been observed here,



and in 2011 an egret and heron rookery was found. The Home Owners' Association owns and manages the Preserves with assistance from the Wildlife Heritage Foundation.

Habitats Found Within this Preserve

1. Grasslands

#### Lincoln Hills Offsite Preserves

The Lincoln Hills Off-site Preserves encompass 205 acres and include the Rodeo Grounds along Highway 65 and the McBean Parkway Expansion along Auburn Ravine in Lincoln. This preserve is owned and managed by the City of Lincoln. WHF has oversight responsibilities to ensure that the conditions of the Conservation Easement are enforced.

#### Rodeo Grounds Preserve

The Rodeo Grounds Preserve covers 145 acres of grasslands, vernal pools and swales, and seasonal wetlands and was created to preserve habitat for the vernal pool fairy shrimp.

#### McBean Parkway Expansion Preserve

The 60-acre McBean Parkway Expansion Preserve is located along Auburn Ravine between the Highway 195 Bridge and the Highway 65 Bridge. It includes the perennial stream in Auburn Ravine and the natural riparian habitat along the stream. However, the majority of the Preserve consists of created wetlands and riparian habitat. The Off-site Preserves are owned and managed by the City of Lincoln. The Wildlife Heritage Foundation has oversight responsibilities to ensure compliance with the terms and conditions of the federal permits and the Conservation Easement.

#### Lincoln Hills Orchard 80 & Riparian Zone Preserves

The 80-acre Orchard Creek and Riparian Preserve is located at the west end of Twelve Bridges Drive. It preserves annual grassland, vernal pools and swales, and an ephemeral stream channel. The Preserve is adjacent to the Orchard Creek Conservation Bank and has habitat for several special-status species known to occur at Orchard Creek. Wildlands, Inc. owns and manages the Preserve, and WHF has oversight responsibilities.

- 1. Riparian
- 2. Wetlands
- 3. Vernal Pools



#### Orchard Creek Conservation Bank

The Orchard Creek Conservation Bank covers 648 acres north of Athens Road between Lincoln and Rocklin and includes annual grassland, vernal pools and swales, and Orchard Creek. The vernal pool fairy shrimp, vernal pool tadpole shrimp, and several special-status plant species are known to occur in Bank habitats. The Bank is owned and managed by Wildlands, Inc. WHF has oversight responsibilities.

Habitats Found Within this Preserve

- 1. Riparian
- 2. Wetlands
- 3. Grasslands
- 4. Vernal Pools

#### Sierra de Montserrat

Sierra de Montserrat is a 158-acre network of open space preserves in a residential development in Loomis. Habitats preserved include wetlands, riparian, grassland, and oak woodland. Most of the wetland and riparian habitats occur in areas that were placer mined in the late 1800's and early 1900's. The Preserve is managed by WHF. The variety and structural complexity of habitats at Sierra de Montserrat provide breeding, foraging, and resting habitat for a wide variety of wildlife. Raptors are commonly observed at Sierra de Montserrat, and numerous bird and mammal species have been recorded using the Preserve.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Woodlands

#### Sierra Springs

The Sierra Springs Preserve covers 10 acres on several parcels within the Sierra Springs development. Habitats within the Conservation Easement include annual grassland, seasonal wetlands, riparian and streams. All preserved areas are located on private lots and are managed by the Home Owners Association with oversight from the Wildlife Heritage Foundation.

Habitats Found Within this Preserve

1. Wetlands



#### St. Joseph Church

The St. Joseph's Church Preserve is a two-acre open space in the city of Lincoln. It is owned by The Roman Catholic Diocese and managed by WHF. The Preserve supports seasonal wetlands, annual grassland, oak woodland, and a small seasonal stream. The preserve is actively used by a variety of birds, especially in the spring, and rattlesnakes have been observed there.

#### Habitats Found Within this Preserve

- 1. Wetlands
- 2. Grasslands

#### West Placer Schools Conservation Bank

The Western Placer Schools Conservation Bank encompasses 225 acres north of Moore Road and west of Dowd Road west southwest of the city of Lincoln. Habitats in the bank include grassland and vernal pools and swales. Both the vernal pool fairy shrimp and vernal pool tadpole shrimp have been found in the Bank pools. The Wildlife Heritage Foundation has oversight responsibilities.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Vernal Pools

#### Highway 65 Self-Storage Preserve

The Highway 65 Self-Storage Preserve is an 11-acre grassland and vernal pool preserve near Athens Avenue between Lincoln and Rocklin. It is owned by the Highway 65 Self-Storage LLC and managed by WHF. The Preserve supports vernal pools and swales and seasonal wetlands embedded in annual grassland. A variety of grassland birds use the property for foraging.

#### Pacific Tech Park Open Space Preserve

The Pacific Tech Park Open Space Preserve is a 1.7-acre preserve in the city of Rocklin owned by Foothill Tech Properties, LLC and managed by WHF. The Preserve consists mostly of seasonal wetlands, but a small amount of riparian habitat is also present. Because the habitat is structurally varied, the Preserve attracts a variety of birds, especially during the spring, even though it is in an urban environment.

#### Toad Hill Ranch Mitigation Bank

The Toad Hill Ranch Mitigation Bank covers 1,630 acres north of Sunset Boulevard West and east of South Brewer Road. The Bank supports annual grassland, vernal pools and swales, and other wetlands. The Bank provides Swainson's hawk foraging habitat, but it also supports habitat for listed vernal pool

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crustaceans. Some Bank wetlands are restored or created. Wildlands, Inc. manages the Bank and WHF has oversight responsibilities.

## **Riverside County**

WHF maintains 1 preserve within Riverside County.

1. Temecula Ranchos-Bautista Canyon

Riverside County is located in southeastern California and stretches from Orange County in the west to the Colorado River (the state line with Arizona) to the east. Together with San Bernardino County, the area is known as the Inland Empire. WHF holds one easement in Riverside County.

#### Temecula Ranchos-Bautista Canyon

This easement encompasses 486 acres in Riverside County devoted, in part, to agriculture. The California Department of Conservation and the State Resources Agency have agreed to the conservation of this valuable agricultural land in perpetuity. The property consists of approximately 250 acres suitable for citrus-fruit crops. Steep hills along Bautista Creek to the east are unsuitable for crops. Wetlands are also found in this area. Significant public benefit is achieved through the conservation of the property for continued agricultural use.

- 1. Wetlands
- 2. Agriculture



## Sacramento County

WHF maintains 11 preserves within Sacramento County.

- 1. Barrett Ranch Preserve
- 2. Fieldstone Meadows Preserve
- 3. Fox Creek Detention Basin Preserve
- 4. Fox Creek Drainage Corridor Preserve
- 5. Montalena Preserve
- 6. South Stone Lake
- 7. Sunridge Park Preserve
- 8. Werre Ranch
- 9. Cosumnes Floodplain Mitigation Bank
- 10. Laguna Terrace East Conservation Bank
- 11. Twin Cities Conservation Bank and Preserve

Sacramento County lies in the southern end of the Sacramento Valley and extends westward to the confluence of the Sacramento River and San Joaquin River, including parts of the Sacramento-San Joaquin Delta. To the east, Sacramento County borders the foothills of the Sierra Nevada. The city of Sacramento is the largest community in the County.

#### Barrett Ranch Preserve

The Barrett Ranch Preserve consists of 1.06 acres of drainage channel, wetlands, and adjacent grassland buffers in the community of Antelope. Although the Preserve is surrounded by suburban residential development, it supports a strip of willows that provide wildlife habitat not otherwise available in the area. WHF manages the Preserve to ensure compliance with the Conservation Easement.

Habitats Found Within this Preserve

1. Grasslands

#### Fieldstone Meadows Preserve

The 3.7-acre Fieldstone Preserve is located in the city of Folsom and supports wetland and adjacent grassland habitat. A variety of birds that prefer grasslands and urban developments use the Preserve. Grasses and thatch are controlled by periodic livestock grazing using goats and sheep. The preserve is managed by the Wildlife Heritage Foundation to ensure compliance with the Conservation Easement.

Habitats Found Within this Preserve

1. Wetlands



#### Fox Creek Detention Basin Preserve

The 2.4-acre Fox Creek Basin Preserve is located in the community of Rio Linda and was created to offset impacts to wetlands from residential projects in the area. The Preserve includes a small amount of riparian habitat in Fox Creek and created wetland habitats that also serve as stormwater detention. The Preserve also has upland, wetland, and riparian plantings that are not yet mature. WHF is the manager of the Preserve and ensures compliance with the Conservation Easement.

Habitats Found Within this Preserve

- 1. Riparian
- 2. Wetlands
- 3. Grasslands
- 4. Woodlands

#### Fox Creek Drainage Corridor Preserve

The 1.7-acre Fox Creek Drainage Preserve is located adjacent to and upstream of the Fox Creek Basin Preserve. It consists of the modified channel of Fox Creek with adjacent upland vegetation. Because of urban runoff, the channel supports marsh vegetation. Very little riparian vegetation is present, although riparian woodland habitat has been planted on the upper banks of the channel.

#### Montalena Preserve

The Montelena preserve consists of 50 acres of annual grassland with a large vernal pool and vernal swale complex located in the city of Rancho Cordova. The vernal pools in the Preserve are known to support slender Orcutt grass, Boggs Lake hedge-hyssop, legenere, and vernal pool tadpole shrimp. The Preserve is managed by the Sacramento Valley Conservancy, and is monitored by the Wildlife Heritage Foundation to ensure compliance with the Conservation Easement.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Vernal Pools
- 3. South Stone Lake

#### Giant Garter Snake Mitigation Preserve

The South Stone Lake Giant Garter Snake Preserve is located in southwestern Sacramento County west of Interstate 5 and south of Hood-Franklin Road. The 129-acre Preserve consists of created freshwater wetlands and open water that provide habitat for the federally-listed giant garter snake. The marsh and open water areas also provide habitat for a wide variety of waterfowl during the winter. Wildlands, Inc.



owns and manages the Preserve, and the Wildlife Heritage Foundation monitors the site to ensure compliance with the Conservation Easement.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Grasslands

Species Found Within this Preserve

- 1. Giant Garter Snake
- 2. Sunridge Park Preserve

#### Sunridge Park Preserve

The Sunridge Park Preserve is a small, 6.4-acre Preserve supporting grassland and vernal pool and vernal swale wetlands in the city of Rancho Cordova. Although the Preserve is not known to support special-status species, common grassland species have been observed using the property, which is managed by the Sacramento Valley Conservancy. The Wildlife Heritage Foundation provides oversight to ensure compliance with the Conservation Easement.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Vernal Pools
- 3. Werre Ranch

#### Werre South Preserve

The Werre South Preserve is located in central Sacramento County east of the city of Elk Grove. The 44acre preserve has grasslands and a large vernal pool and vernal swale complex. The vernal pools at Werre Ranch support the vernal pool fairy shrimp and vernal pool tadpole shrimp. The Preserve is managed by the Sacramento Valley Conservancy, with oversight from the Wildlife Heritage Foundation to ensure compliance with the Conservation Easement.

- 1. Wetlands
- 2. Vernal Pools



#### Cosumnes Floodplain Mitigation Bank

The Cosumnes Floodplain Mitigation Bank is located in western Sacramento County at the confluence of the Mokelumne River and Cosumnes River. The 472-acre Bank is owned and Managed by Westervelt Ecological Services and supports riparian and wetland habitats. It is authorized to sell credits for a variety of habitats, including floodplain mosaic wetlands, floodplain riparian habitat, shaded riverine aquatic habitat, and riparian forest. The riparian forests and wetlands provide habitat for a wide variety of birds and other wildlife.

#### Laguna Terrace East Conservation Bank

The Laguna Terrace East Conservation Bank is located in eastern Sacramento County south of the community of Rancho Murieta. The 200-acre Bank is mostly rolling grassland, although stands of riparian cottonwoods are growing in abandoned mining tailings. Vernal pools and vernal swales form a complex in the grasslands. A few pools support the vernal pool fairy shrimp. The Bank is owned and managed by Wildlands, Inc. and sells vernal pool preservation and Swainson's hawk credits.

#### Twin Cities Conservation Bank and Preserve

The 255-acre Twin Cities Conservation Bank and Preserve is located in southern Sacramento County west of State Highway 99 and north of the city of Galt. The bank is mostly annual grassland, but it also has a vernal pool and vernal swale complex, seasonal wetlands, and riparian habitat. It is owned and managed by Wildlands, Inc. and is authorized to sell mitigation credits for vernal pool creation and preservation and Swainson's hawk habitat. In addition, sandhill cranes have been observed on the Preserve during the winter and some vernal pools support populations of the vernal pool fairy shrimp and vernal pool tadpole shrimp. The Wildlife Heritage Foundation monitors the Preserve to ensure compliance with the Conservation Easement.



## Santa Clara County

WHF maintains 1 preserve within Santa Clara County.

1. Mesa Ridge California Tiger Salamander Preserve

Santa Clara County is located in the southern San Francisco Bay Area. The county is boarded by San Mateo County on the west and extends to the middle portion of the Coast Range. It includes both Silicon Valley and the fertile Santa Clara Valley, a large region of orchards and vegetable crops.

#### Mesa Ridge California Tiger Salamander Preserve

The seven-acre Mesa Ridge Preserve was created to protect summer habitat for the California tiger salamander (CTS). This species spends the summer in burrows and other areas where it is protected from the summer heat. The Mesa Ridge Preserve has numerous ground squirrel burrows in open grassland. A series of created mounds have become inhabited by ground squirrels and are now being monitored for the presence of CTS. In addition, wetlands occur along drainage channels on the margins of the Preserve. The Preserve is owned by Mesa Ridge 2004, Inc., and managed by WHF.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Grasslands

Species Found Within this Preserve

1. California Tiger Salamander



## San Benito County

Pajaro River Preserve

Owner

Endowment

Acreage

Habitats found on property

Species found on property

## San Mateo County

San Francisco bay Mitigation bank

Owner

Endowment

Acreage

Habitats found on property

Species found on property



## Shasta County

WHF maintains 4 preserves within Shasta County.

- 1. Clover Creek
- 2. Clover Creek Village
- 3. North Airport Business Park Open Space Preserve
- 4. Shasta Bible College Vernal Pool Preserve

Shasta County is located in northern California where the Coast Ranges and the southern Cascade Ranges meet. The area from Shasta Lake south to the Tehama County line is often considered the upper end of the Sacramento Valley.

#### Clover Creek

The 83-acre Clover Creek Preserve is owned and managed by the City of Redding and is located in the southeast portion of the city. The Wildlife Heritage Foundation provides oversight monitoring to ensure compliance with the conditions of the Conservation Easement and the Corps permit. Clover Creek preserves created vernal pools, wetlands, pond, and a small stream. Recent surveys have found populations of Butte County dwarf rush, a special-status plant species.

Habitats Found Within this Preserve

- 1. Riparian
- 2. Wetlands
- 3. Woodlands

#### Clover Creek Village

Clover Creek Village is a five-acre open space preserving vernal pools, wetlands, a stream, and a small pond. The preserve is owned by Clover Creek Village LLC and managed by the Wildlife Heritage Foundation. The preserve supports vernal pools, wetlands, a pond and small stream, and oak woodland.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Vernal Pools

#### North Airport Business Park Open Space Preserve

The North Airport Business Park Open Space Preserve is a 4.5 acre preserve east of Redding. It supports a small, intermittent stream and blue oak woodland. The Preserve is owned by Clover Creek LLC, and managed by the Wildlife Heritage Foundation.

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Habitats Found Within this Preserve

- 1. Wetlands
- 2. Vernal Pools

#### Shasta Bible College Vernal Pool Preserve

The Shasta Bible College Vernal Pool Preserve is located east of Redding and consists of a large vernal pool and surrounding grassland. Portions of the pool have been restored and it supports two special-status plants, slender Orcutt grass and legenere, and the vernal pool tadpole shrimp. As the pool dries in the spring, it goes through a succession of colorful vernal pool wildflowers. The Preserve is owned by the Shasta Bible College and managed by the Wildlife Heritage Foundation.

- 1. Wetlands
- 2. Vernal Pools



## Solano County

WHF maintains 2 preserves within Solano County.

- 1. Valley Glen Burrowing Owl and Swainson's Hawk Preserve
- 2. Goldfields Conservation Bank

Solano County sits on the north side of the Sacramento-San Joaquin Delta and encompasses portions of the southwest Sacramento Valley. Several large wildlife refuges are located within the County's boundaries. The largest city is Vallejo on the edge of the Carquinez Strait. Other large population centers include Benicia, Fairfield, and Vacaville.

#### Valley Glen Burrowing Owl and Swainson's hawk Preserve

The Valley Glen Burrowing Owl and Swainson's Hawk Preserve covers a little over 211 acres southeast of Dixon. Roughly 20 acres in the northeast portion of the Preserve is grassland managed as burrowing owl habitat. The remainder of the Preserve is devoted to agricultural crops that provide foraging habitat for Swainson's hawk. The Preserve is owned by Morgan Twin Holdings, LLC, and managed by WHF.

Habitats Found Within this Preserve

1. Grasslands

Species Found Within this Preserve

1. Burrowing Owls

#### Goldfields Conservation Bank

The 150-acre Goldfields Conservation Bank is located southeast of Fairfield. It is owned by QLC Management LLC, and managed by Huffman-Broadway Group, Inc. The Wildlife Heritage Foundation has oversight responsibilities to ensure that the Bank complies with the conditions of various permits and the Conservation Easement. The primary purpose of the Bank is to preserve vernal pools and adjacent grasslands and protect the endangered Contra Costa Goldfields and the endangered vernal pool tadpole shrimp. However numerous other special-status species occur there or occasionally use the preserve, including alkali milk-vetch, saline clover, California fairy shrimp, Swainson's hawk, ferruginous hawk, burrowing owl, loggerhead shrike, and tricolored blackbird.



## Sonoma County

WHF maintains 2 preserves within Sonoma County.

- 1. Redwood Technology Center
- 2. East Austin Creek Phase 1, Devil Creek

Sonoma County is located in the North Coast Ranges north of San Francisco. It has several winegrowing regions and the Russian River flows through it on the way to the Pacific. The mountainous western part of the county has streams that support salmonids. Santa Rosa is the largest city in the county.

#### Redwood Technology Center

The Redwood Technology Preserve encompasses slightly more than 29 acres and was used to provide mitigation for impacts to wetlands. It is located north of Petaluma near Penngrove. All wetlands on the Preserve have been created and are being monitored to determine whether they are successful. The Preserve is privately owned and is managed by the Huffman-Broadway Group, Inc. WFH has oversight responsibilities until the wetland creation is deemed successful.

Habitats Found Within this Preserve

- 1. Riparian
- 2. Wetlands

#### East Austin Creek Phase 1, Devil Creek

This preserve is the first phase of the East Austin Conservation Bank. It is located north of the Austin Creek State Recreation Area and owned by East Austin LLC. The Wildlife Heritage Foundation is the easement holder and acts as the land manager. The purpose of the Bank is to protect habitat for coho salmon and steelhead. In the future, other areas may be added to the existing easement.



## Sutter County

WHF maintains 3 preserves within Sutter County.

- 1. Gilsizer Slough North GGS Conservation Banks
- 2. Gilsizer Slough South GGS Conservation Bank
- 3. Tule Basin Giant Garter Snake Mitigation Preserve

Sutter County is located in the heart of the Sacramento Valley between the Sacramento River and the Feather River. Most of the county is devoted to agriculture, but several wildlife refuges also occur there. The Sutter Buttes northwest of Yuba City are the dominant feature in the county.

#### Gilsizer GGS Conservation Banks

The two Gilsizer GGS Conservation Banks total 621 acres that provide habitat for the threatened giant garter snake. Both banks are adjacent to, or just west of, the Sutter Bypass southwest of Yuba City. Wildlands, Inc. manages the banks and sells credits for impacts to giant garter snake habitat. WHF has oversight responsibilities to ensure compliance with the conservation easement.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Grasslands

Species Found Within this Preserve

1. Giant Garter Snake

#### Tule Basin Giant Garter Snake Mitigation Preserve

The 150-acre Tule Basin Preserve is adjacent to the Sutter Bypass southwest of Yuba City and was created to offset impacts to giant garter snake habitat resulting from levee improvements. Tule Basin Farms LLC owns the Preserve and Wildlands, Inc. is the Preserve Manager. WHF has oversight responsibilities.



## Tehama County

#### Blackburn Preserve

Owner Endowment Acreage Habitat found on site

Species found on site

WHF has ?

# **Tulare County**

WHF maintains 3 preserves within Tulare County.

- 1. Allensworth Conservation Bank
- 2. Reed's Creek Vernal Pool Preserve
- 3. Sand Creek Conservation Bank

Tulare County covers a portion of the southern San Joaquin Valley and extends to the crest of the Sierra Nevada. The city of Visalia is the largest community in the county.

#### Allensworth Conservation Bank

The 514-acre Allensworth Conservation Bank is located in southwestern Tulare County west of the community of Earlimart and consists of five separate parcels. The Bank is owned and managed by Wildlands, Inc. Portions of the bank have been cultivated and are now grassland. The western parcels support small amounts of alkali sink supporting a flora restricted to alkaline and saline soils. Some parcels are adjacent to wildlife reserves owned by the California Department of Fish and Game. The Bank is currently authorized to sell credits for the San Joaquin kit fox.

- 1. Grasslands
- 2. Vernal Pools



Reed's Creek Vernal Pool Preserve

More information about this preserve coming soon.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Grasslands
- 3. Vernal Pools

#### Sand Creek Conservation Bank

The Sand Creek Conservation Bank is located at the edge of the San Joaquin Valley and Sierra Nevada Foothills east of the community of Orange Cove. The Bank is operated and managed by Wildlands, Inc. Most of the Bank is valley grassland, but a small portion of Sand Creek crosses the southern portion. The entire Bank covers 397 acres and sells credits for vernal pool preservation, California tiger salamander upland habitat, and San Joaquin kit fox.

Habitats Found Within this Preserve

1. Woodlands



## Yolo County

WHF maintains 9 preserves within Yolo County.

- 1. Gateway Preserve
- 2. Pope Ranch
- 3. Pope Ranch Expansion
- 4. Sacramento River Ranch Swainson's Hawk Preserve
- 5. Sacramento River Ranch VELB Bank
- 6. Sacramento River Ranch Wetlands Mitigation Bank
- 7. Liberty Island Conservation Bank
- 8. Fremont Landing Conservation Bank
- 9. Ridge Cut Giant Garter Snake Bank

Yolo County is situated in the southwest portion of the Sacramento Valley on the west side of the Sacramento River. Most of the county is flat and devoted to agriculture, but the western part is located on the edge of the Inner North Coast Range. Davis, Woodland, and West Sacramento are the largest populated areas in the County.

#### Gateway Preserve

The nearly 75-acre Gateway Preserve was created to offset development impacts to Swainson's hawk foraging habitat in the city of Woodland. The Preserve is located on County Road 19, north of Cache Creek, west of Woodland. Several crops are grown on Preserve property, especially winter wheat and alfalfa, which are compatible with Swainson's foraging habitat. The Wildlife Heritage Foundation acts as the Preserve Manager.

Habitats Found Within this Preserve

1. Grasslands

#### Pope Ranch Preserves

The Pope Ranch Preserves are located southwest of the city of Davis. Together, the two properties encompass approximately 677 acres and are protected by numerous conservation easements. The main Pope Ranch preserve consists of created freshwater marsh and upland habitat for the listed giant garter snake, but it also provides wintering habitat for a variety of migratory waterfowl. The Pope Ranch Extension (also called Pope Ranch North) consists of irrigated pasture that provides foraging habitat for the state-listed Swainson's hawk and upland game birds. Wildlands, Inc. owns and manages the preserves and WHF has oversight responsibilities.



1. Wetlands

Species Found Within this Preserve

1. Giant Garter Snake

#### Sacramento River Ranch Preserves

The River Ranch Valley Elderberry Longhorn Beetle (VELB) Conservation Bank is north of Sacramento in Yolo County, California. VELB is listed as threatened under the federal Endangered Species Act. The conservation bank and the 3,682-acre property are owned by Sacramento River Ranch, LLC. Wildlands, Inc. is the bank manager and operator. Phase I of the conservation bank, over which WHF holds the conservation easement, is approximately 76.0 acres. The goal is to ensure that the created VELB habitats within the bank are maintained in good condition such that they will continue to support the plants and wildlife species that the bank was established to protect in perpetuity. WHF will monitor the work of Wildlands, Inc. on the site to ensure compliance with the terms of the conservation easement.

Species Found Within this Preserve

1. Valley Elderberry Longhorn Beetle

#### Liberty Island Conservation Bank

The Liberty Island Conservation Bank is located on the north end of Liberty Island south of the city of Davis. The 148-acre Bank was created to provide habitat for several species of salmon and the Delta smelt. Ultimately, the Bank will create open water channels and associated wetland and riparian habitat. Liberty Island Holdings I, LLC owns and manages the Bank. WHF has oversight responsibilities.

Habitats Found Within this Preserve

1. Wetlands

Species Found Within this Preserve

1. Salmonids

#### Fremont Landing Conservation Bank

The Fremont Landing Conservation Bank is part of the larger River Ranch properties owned and managed by River Ranch LLC. The 100-acre conservation bank is located on the Sacramento River near the confluence with the Feather River, and was created to preserve habitat for several species of salmon. The Wildlife Heritage Foundation has oversight responsibilities.



1. Wetlands

Species Found Within this Preserve

1. Giant Garter Snake

#### Ridge Cut Giant Garter Snake Bank

The 186-acre Ridge Cut Giant Garter Snake Bank is located in northern Yolo County just east of the I-5 and I-505 convergence. It is owned by Teal Ridge, LLC and created to provide mitigation credits for impacts to the giant garter snake. Wildlands, Inc. is the Bank Manager and WHF has oversight responsibilities.

Habitats Found Within this Preserve

- 1. Wetlands
- 2. Grasslands

Species Found Within this Preserve

1. Giant Garter Snake