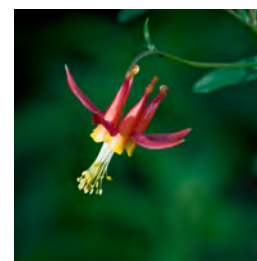
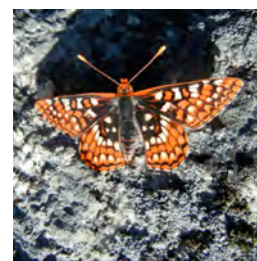
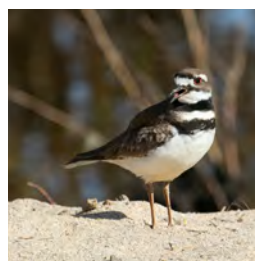
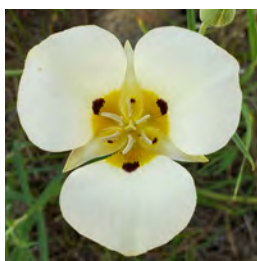
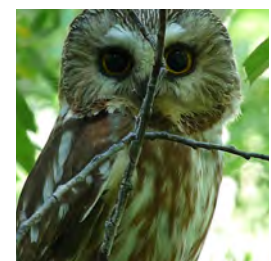


ACCELERATING CONSERVATION, PROTECTING BIODIVERSITY AT LAKE TAHOE



30x30
CALIFORNIA



The **California Tahoe Conservancy** uses nature-based solutions to combat climate change, protect biodiversity, and build a more resilient future.

This work, which advances the State of California's 30x30 initiative, includes:

- Acquiring sensitive lands,
- Restoring ecological function, and
- Building a more resilient future under climate change.

The Conservancy also acts as a funder, convener, and collaborator in the Lake Tahoe

Basin and as the state liaison for the Lake Tahoe Environmental Improvement Program. As such, the Conservancy is uniquely positioned to help lead regional conservation that promotes biodiversity, climate resilience, and access.

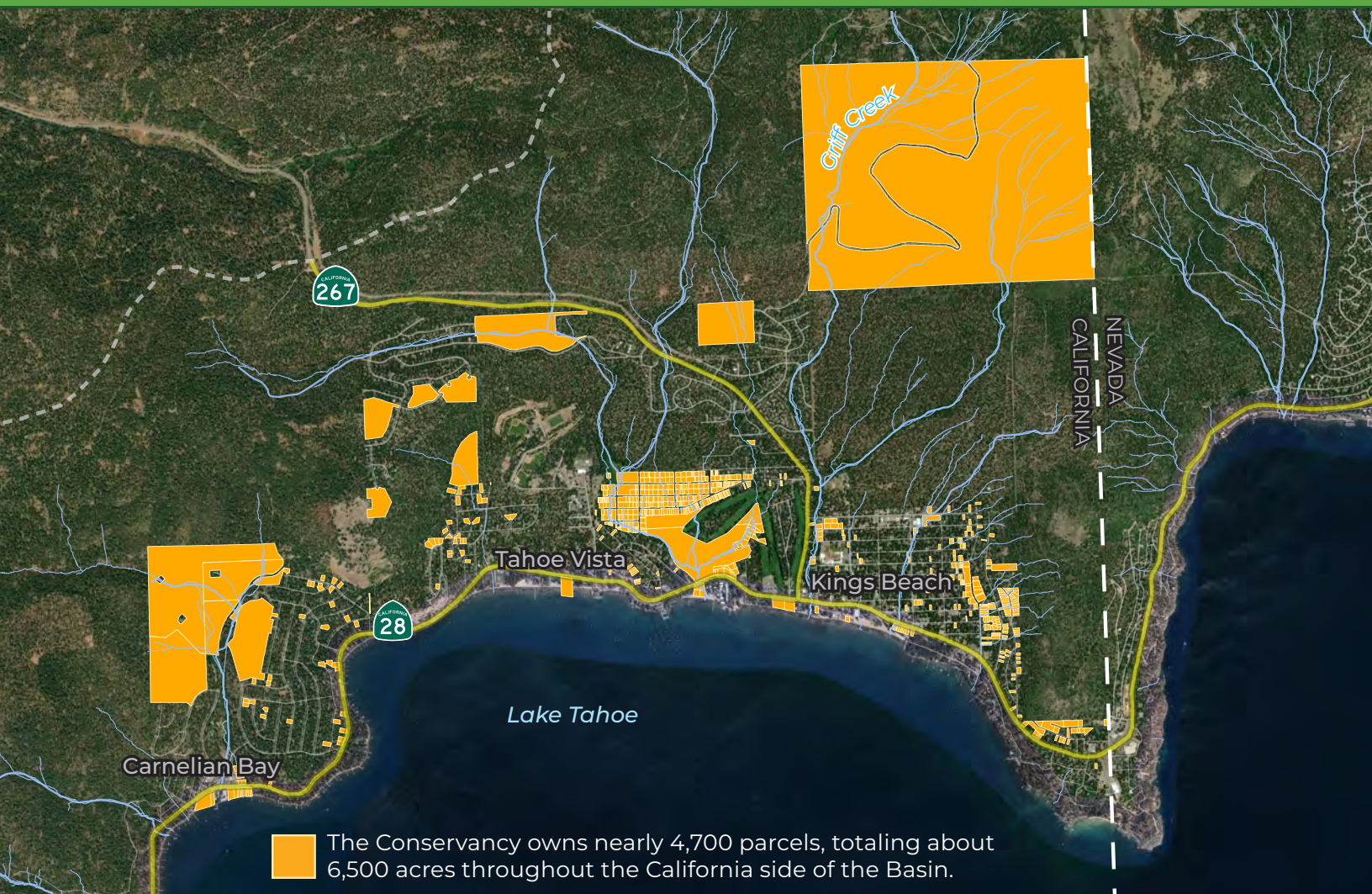
Tahoe Watersheds and Habitat at Risk

Lake Tahoe is a threatened national treasure. Development in the last century destroyed 75 percent of wetlands at Lake Tahoe. Logging and grazing degraded forests and floodplains. Climate change and wildfire put Tahoe's natural landscape at further risk.

Pathways to 30x30

The State of California is committed to conserving 30 percent of its lands and coastal waters by 2030. Learn more about the State's strategy for reaching this goal. californianature.ca.gov

Acquiring Environmentally Sensitive Lands



The Conservancy is helping meet the State's 30x30 goal by protecting environmentally sensitive lands, restoring natural resources, and expanding public access. Conservancy land acquisitions prevent future development, provide wildlife habitat, protect biodiversity, and improve water quality. Some acquisitions involve removing aging development and restoring the land. The Conservancy manages its forested lands to reduce wildfire risk. Trails on Conservancy lands connect neighborhoods and provide access to Lake Tahoe.

In addition to its own acquisitions, the Conservancy provides grants to partners to acquire sensitive lands. Conservancy and partner acquisitions expand ecosystem benefits and integrate state, local, and regional priorities such as public access, recreation, and lake clarity.

Restoring Ecological Function, Enhancing Habitat

The Conservancy restores ecological function to increase habitat for native species. The Conservancy's work helps to improve biodiversity and maintain habitat that serves as climate refugia for sensitive species.



The Conservancy has restored over 200 acres in the Upper Truckee Marsh by creating a new wetland and reconnecting the floodplain via a series of new channels. This project enhances habitat for protected species like Tahoe yellow cress and willow flycatcher and serves as a refuge for species threatened by climate impacts. It also improves water quality, helps the marsh capture and store more carbon, and provides equitable lake access for visitors and residents.

Below left: The Conservancy restores the resilience of Basin forests to provide critical ecological services such as wildlife habitat, carbon sequestration, and hydrological function.

Below right: When providing grants to partners, the Conservancy helps plan and shape projects to align with 30x30 priorities and incorporate climate resilience. Here, El Dorado County removed aging development from land along the Upper Truckee River, restoring the floodplain and improving water quality.



Building a More Resilient Future

Climate change is threatening Tahoe, its habitat, and its communities with warmer temperatures and longer droughts, less snowpack, more severe floods, increased erosion, and more severe wildfire and smoke. Maintaining and restoring ecosystems is a crucial step to improving people's access to nature and its benefits.

Moving to a large-scale approach—across ownership boundaries—is improving how the Conservancy can increase climate resilience and enhance biodiversity and public access. Partners collaborate at the watershed scale to best support state priorities. This includes the strategic acquisition of sensitive lands to increase connectivity along riparian corridors and provide climate refugia for wildlife.

The Conservancy looks at all projects through the lens of climate resilience. For example, elevating bike trails in wetlands protects sensitive habitat and prepares for future climate impacts.

As nearby cities heat up, more people visit Tahoe to recreate in cooler temperatures. The Conservancy integrates public access into projects like Tahoe Pines, which restored part of the Upper Truckee River and provides an accessible pathway to the river.

Moving Forward



The Conservancy has been successful at working towards the 30x30 goal and will continue to make advancements toward other state priorities like climate mitigation and wildfire protection. The Conservancy plays a convening role to meet state priorities and to strengthen coordination among agencies within the Lake Tahoe Basin. The Conservancy works

collaboratively to plan and implement projects throughout the California side of the Basin via work on our lands and grants to partners. To continue this work in the Basin, the Tahoe Climate Resilience Action Strategy identifies a shared funding need of \$90 million over ten years to increase watershed resilience and biodiversity. Learn more at **tahoe.ca.gov**.