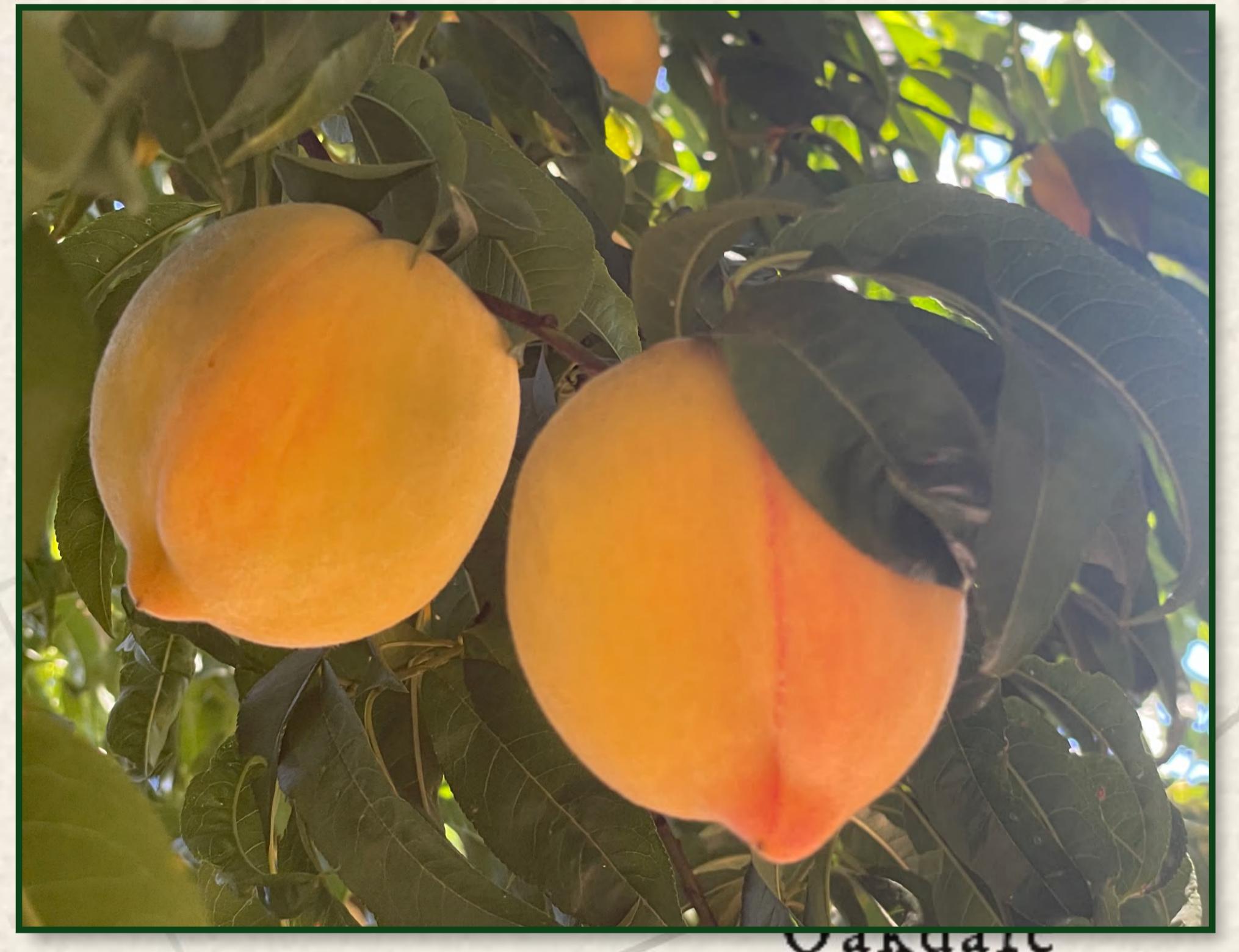




Large debris gets trapped behind the Don Pedro Dam and cannot reach downstream floodplains and fish habitats



Tuolumne River flows out onto the Central Valley and irrigates >200,000 acres of farmland

Modesto

Turlock

Flows into the San Joaquin River



Strawberry Creek

The Clavey is 1 of 3 major undammed rivers remaining in CA

O'Shaughnessy Dam in Yosemite National Park

Sources: Mount Dana & Mount Lyell

Yosemite National Park

Tuolumne's headwaters start in the mountains of Yosemite National Park where they flow through Tuolumne Meadows and converge



White Water Rafting Reach

Early Intake

Tributaries increase flows to more than 150 cfs in some places



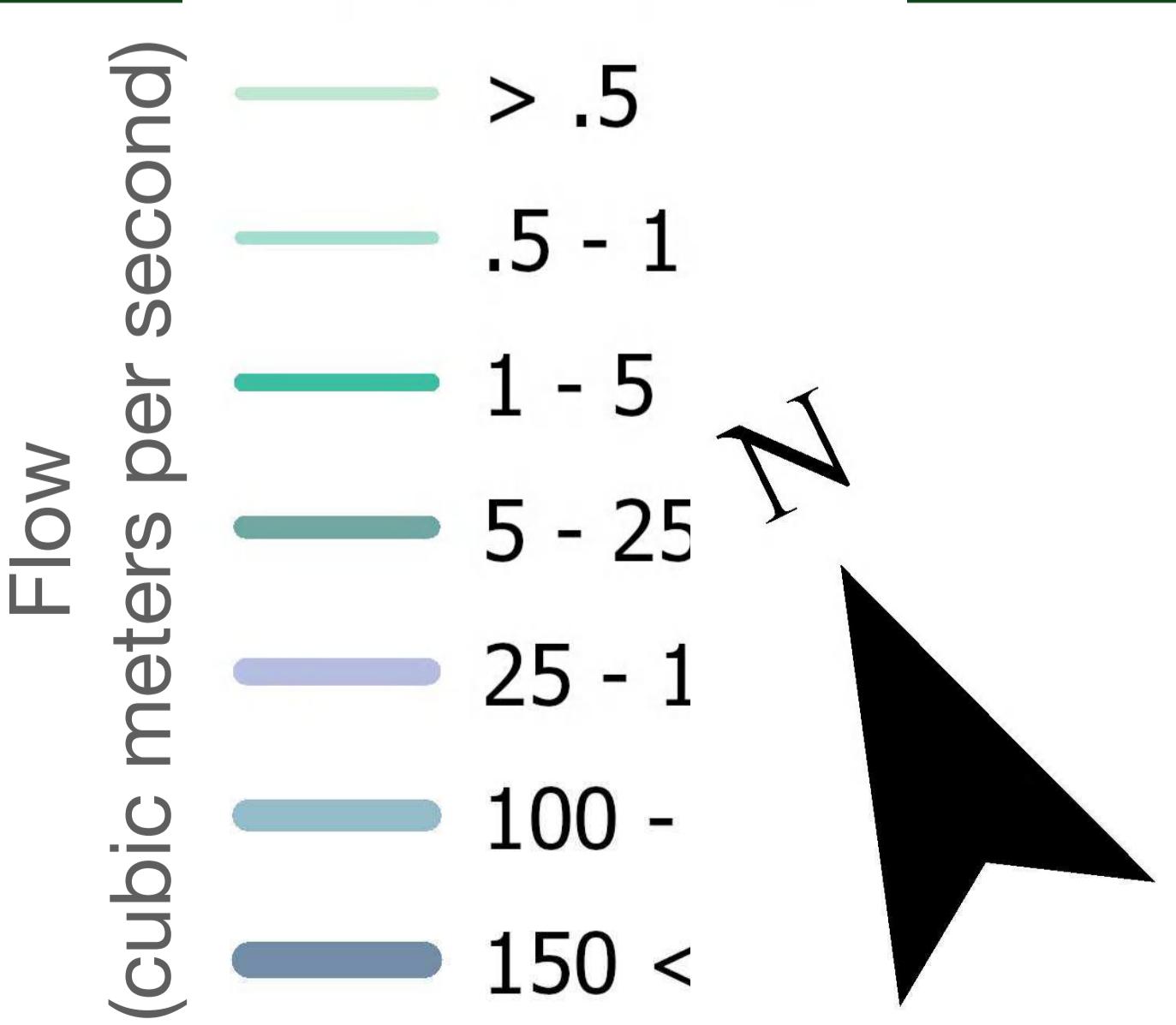
Don Pedro Reservoir

Tuolumne River

# The Treasures of the Tuolumne

Home to 4 plant species endemic to the Tuolumne & 133 endemic to CA  
(endemic = found only here)

Watershed = 1,600 square miles



# Dams & Reservoirs



## Hetch Hetchy Res. - O'Shaughnessy Dam

- Only reservoir system inside a National Park
- 430-foot tall dam
- 8 miles long
- Drinking water for ~2.5 mil residents  
230,000 acre feet
- Recreation:
  - Allowed = Fishing, Hiking, Camping
  - Not Allowed = Swimming, Boating, Entering the Water

## Cherry Lake Reservoir - Cherry Valley Dam

- 315 ft tall dam
- 1,535 acre surface area
- 273,500 acre feet capacity
- Supplies Dion R. Holm Power Plant (165 MW)  
(>25,000 homes)
- Recreation: Fishing, Hiking, Camping, Swimming, Boating, Skiing

## Lake Eleanor Reservoir - Lake Eleanor Dam

- 68 ft tall dam
- 953 acre surface area
- 26,100 acre feet capacity
- Recreation: Fishing, Hiking, Camping, Swimming, Boating, Skiing

## Don Pedro Reservoir - Don Pedro Dam

- 568 ft tall dam
- 26 miles long
- 13,000 acre surface area
- 2,030,000 acre feet capacity
- Supplies 310,000 af to Modesto Irrigation District
- Supplies 575,000 af to Turlock Irrigation District
- Produces 203 MW of electricity (>36,000 homes)
- Recreation: Boating, Fishing, Swimming, Waterskiing, Windsurfing, Sailing, Houseboating

## La Grange Res. - La Grange Diversion Dam

- 131 ft tall dam
- 58 acre surface area
- 500 acre feet capacity
- 4 MW Electricity generation capacity

# Water Uses & Users

## Recreation



- White Water Rafting
- White Water Kayaking
- Swimming
- Fishing
- Birding
- Skiing
- Hiking
- Camping

## Habitat & Natural Infrastructure

- 83 Miles - Wild & Scenic
- Yosemite National Park
- Stanislaus National Forest
- Bureau of Land Management Property
- CA Dept. of Fish & Wildlife
- River Partners
- The Nature Conservancy



## Agriculture - Irrigation



MID: ~60,000 acres  
TID: ~145,559 acres

Alfalfa, almonds, beans, corn, grain, grapes, oats, peaches, sweet potatoes and walnuts

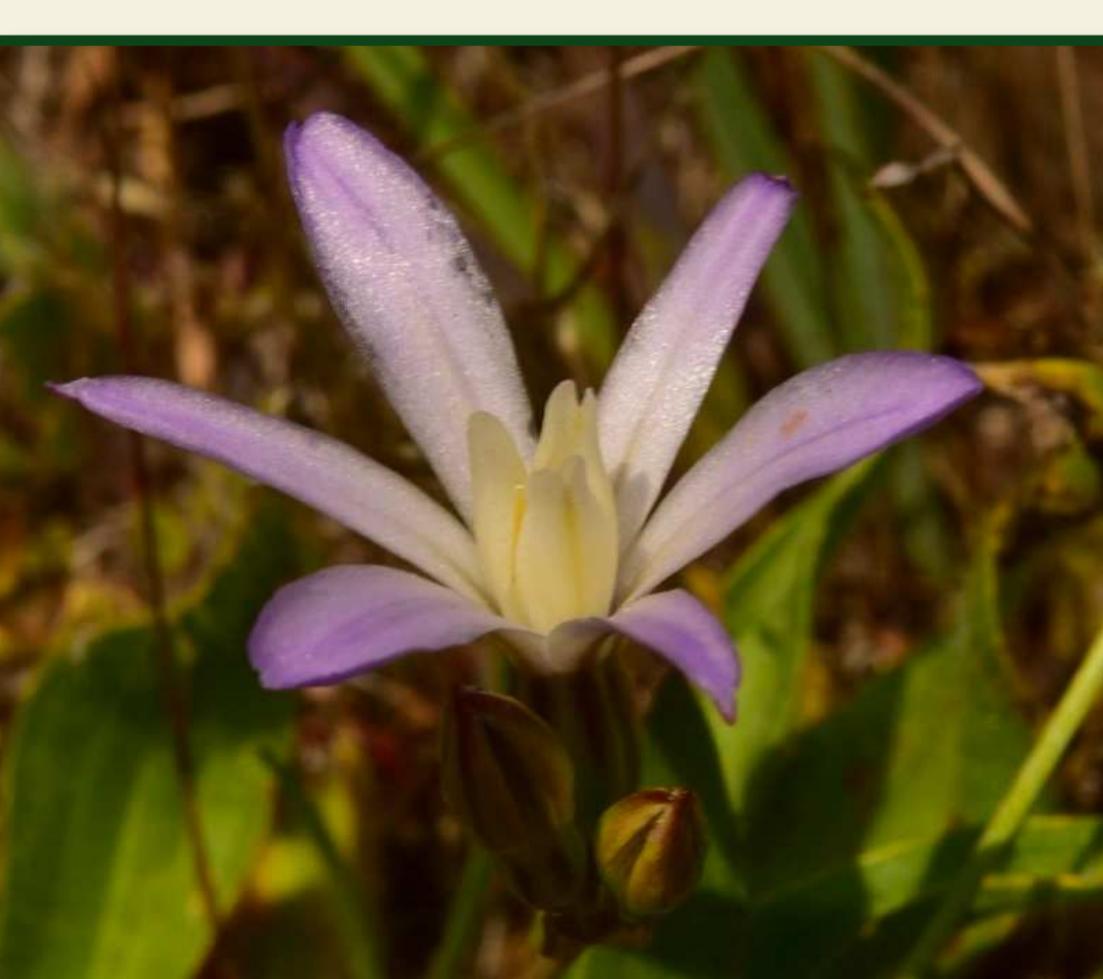
# Native & Endemic Species



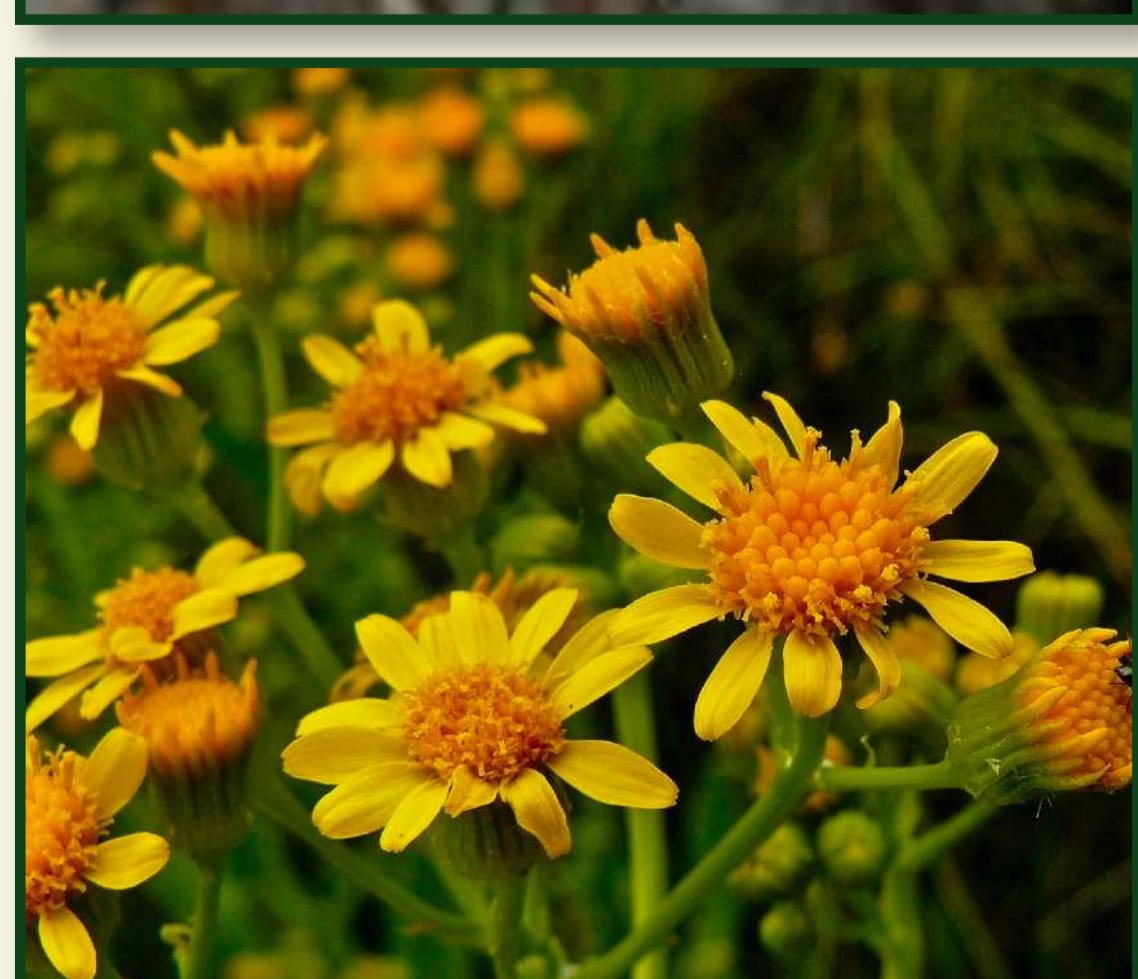
- *Rana Boylii*  
(Foothill Yellow-legged Frog)



*Brodiaea pallida* -



- *Allium tuolumnense*



*Verbena Californica* -



- *Senecio clevelandii*  
var. *heterophyllus*



The Treasures  
of the  
Tuolumne

Created by Britne Clifton, Graduate Student at the University of California, Merced. This work is supported by Agriculture and Food Research Initiative Competitive Grant no. 2021-69012-35916 from the USDA National Institute of Food and Agriculture.