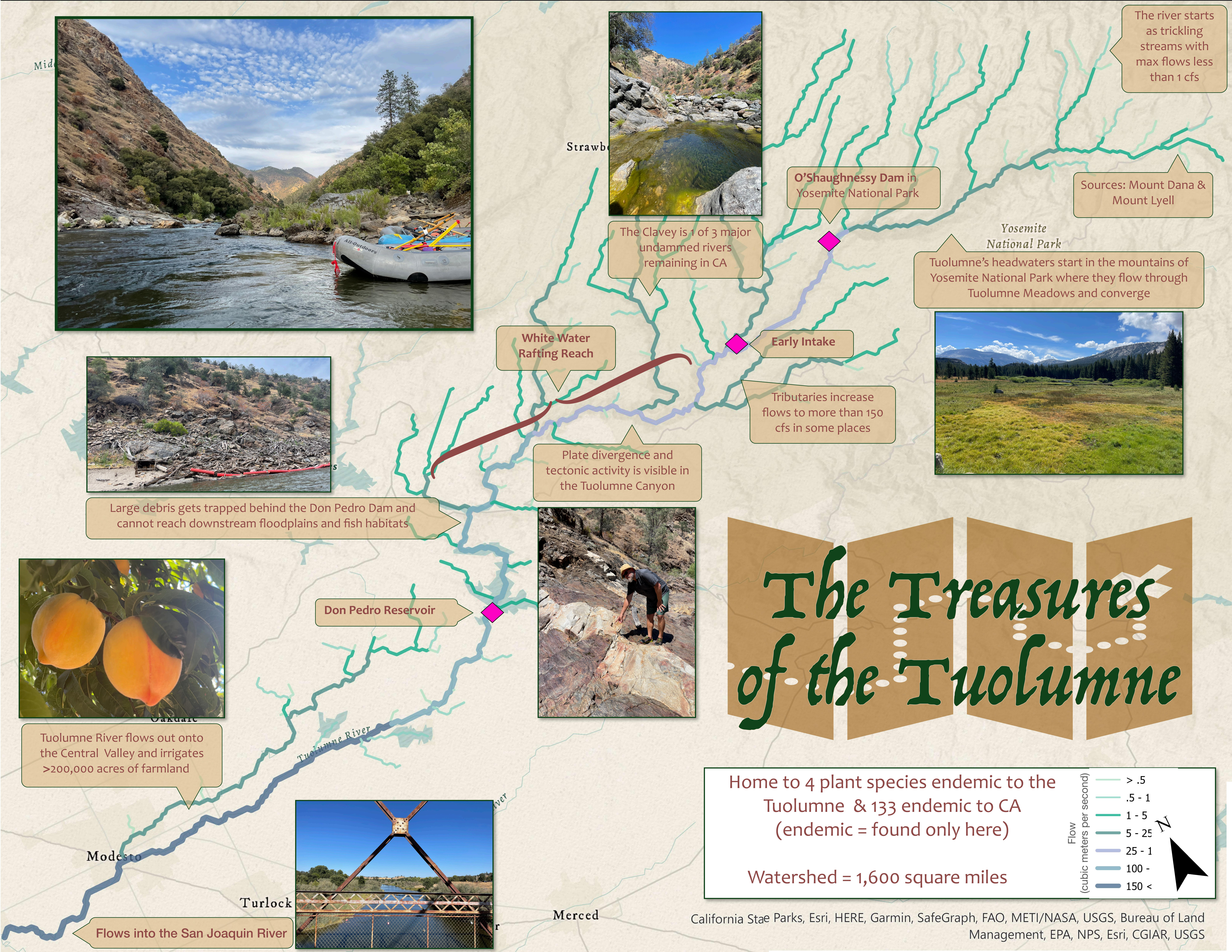




Large debris gets trapped behind the Don Pedro Dam and cannot reach downstream floodplains and fish habitats



The Treasures of the Two Volumes

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

Watershed = 1,600 square miles

A map of New Zealand illustrating stream density across the country. The map uses a color-coded legend to represent different flow rate ranges. A large black arrow points from the top right towards the center of the North Island, indicating the direction of flow or a specific stream.

Flow (cubic meters per second)

- > .5
- .5 - 1
- 1 - 5
- 5 - 25
- 25 - 100
- 100 - 150
- < 150

N

California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, CGIAR, USGS

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

The Treasures
of the
Tuolumne

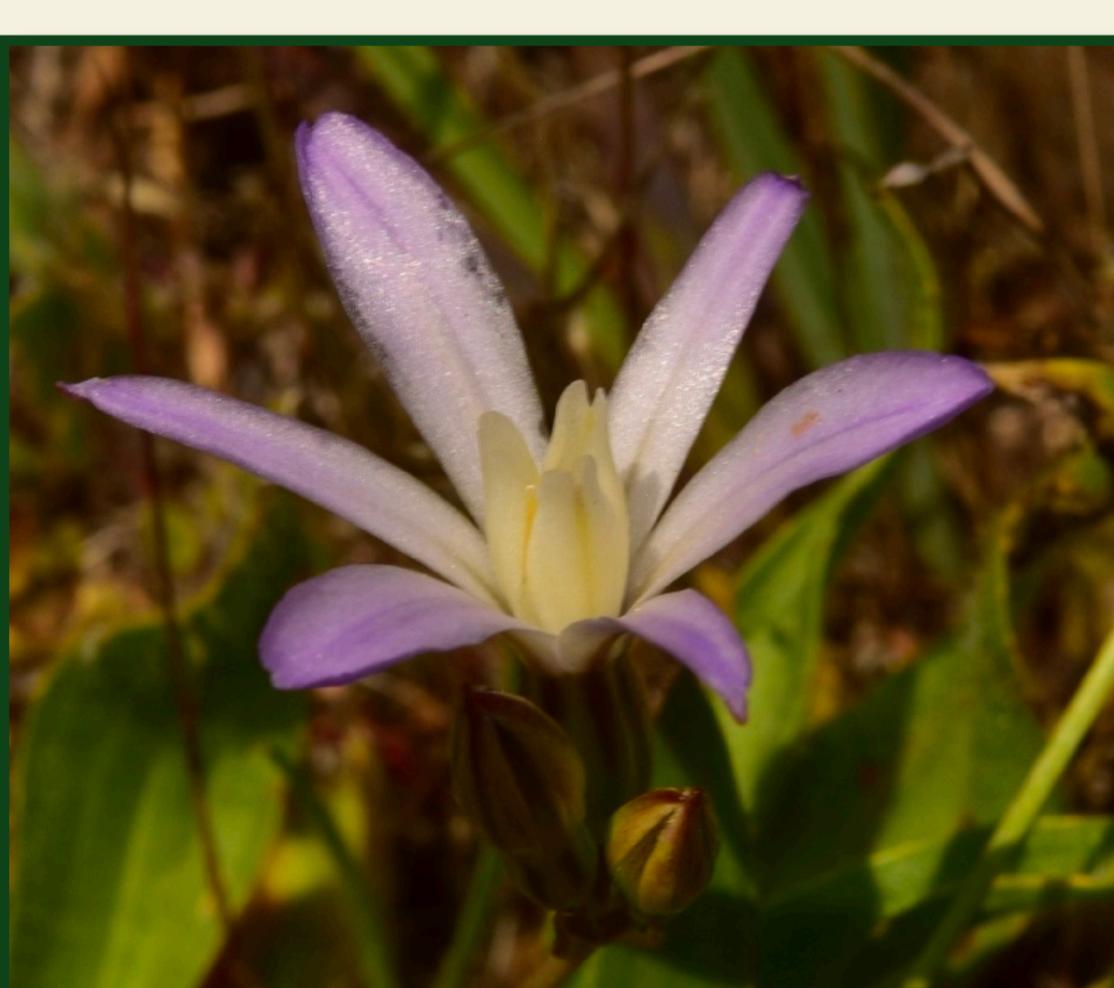
Native & Endemic Species



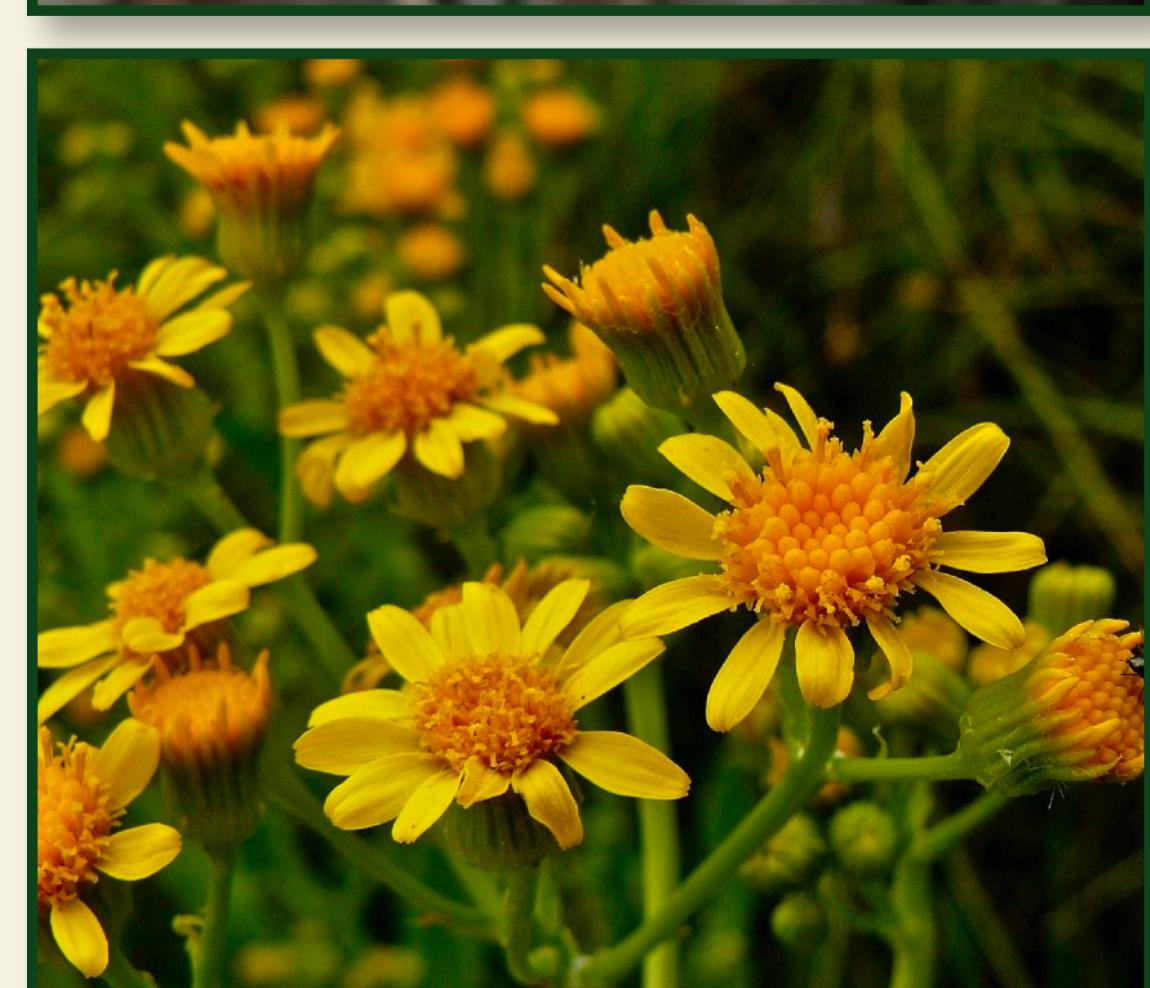
- *Rana Boylii*
(Foothill Yellow-legged Frog)



Brodiaea pallida -



- *Allium tuolumnense*



Verbena Californica -



- *Senecio clevelandii*
var. *heterophyllus*

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.