

# Flora of Ventura County, California

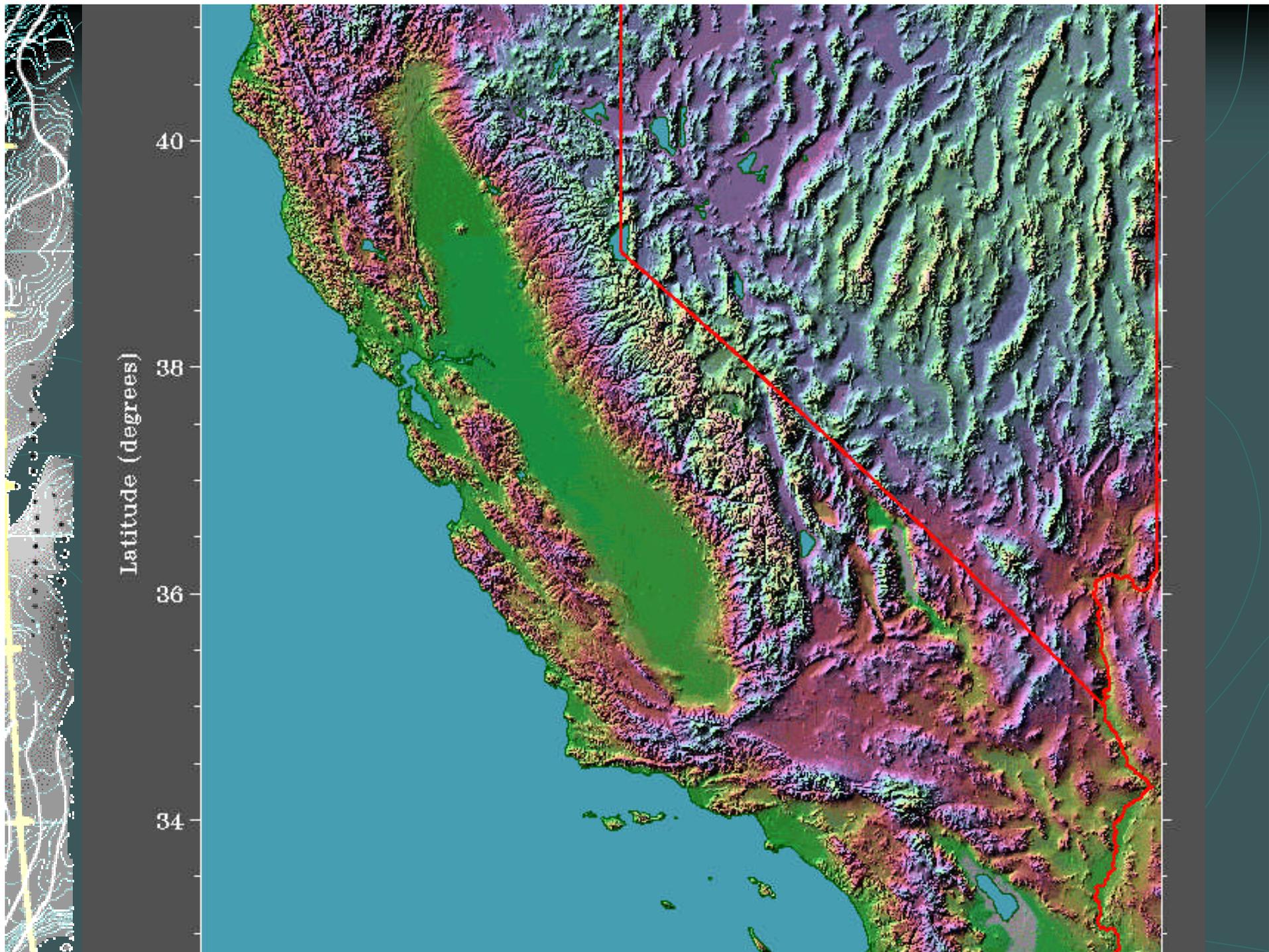
David L. Magney

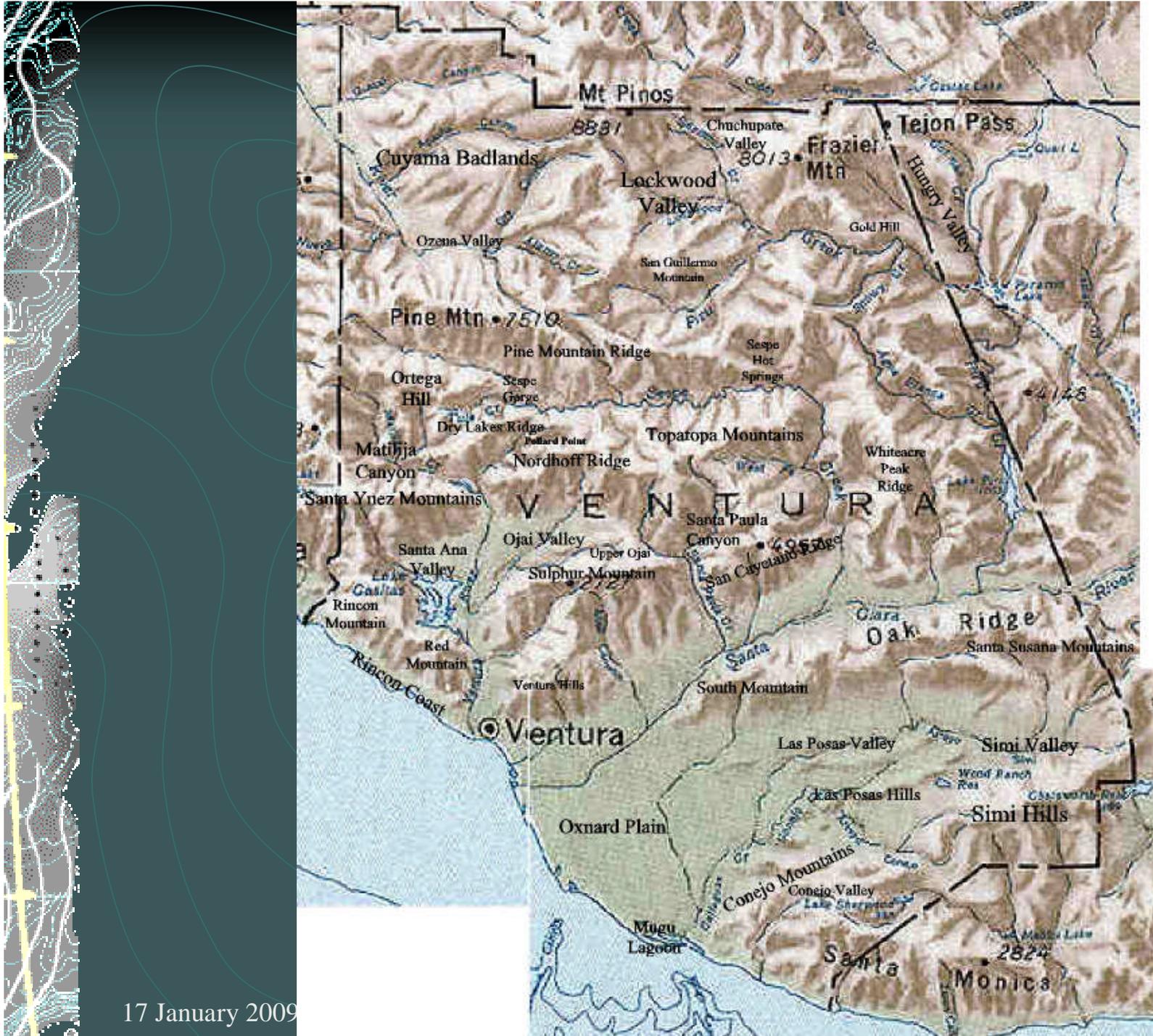
*David Magney Environmental Consulting*

# Project Purpose

- Catalogue all vascular plant taxa present, past and present, occurring within the political boundaries of the County of Ventura, California, USA, North America
- Determine geographic distribution of each taxon within Ventura County
- Determine rarity/commonness of each taxon
- Provide data on the flora
- Provide a tool for researchers, conservationists, and enthusiasts interested in the flora







17 January 2009

# Flora Statistics

- 132 families
- 620 genera
- 1,856 species
- 2,125 taxa (species and subspecies/varieties)
- 1,687 (79%) native
- 438 (21%) naturalized nonnative
- 6 endemics
  - *Eriogonum crocatum*, *E. grande* var. *timorum*, *Dudleya abramsii* ssp. *parva*, *D. verityi*, *Lupinus paynei*, and *Navarretia ojaiensis*

# Flora Statistics (cont.)

- 187 common taxa (>30 populations)
- 1,203 rare taxa (from a county perspective)
  - Using G1/S1 & G2/S2 rarity ranking criteria
  - Including all taxa rare globally &/or statewide
- 2,058 taxa (97%) supported by vouchers
- >10,000 vouchers provide basis
  - ~3,000 mine (at UCSB)
  - >7,000 others at various herbaria

# Ventura County Geography

- 4,806.1 sq. km/480,611 hectares
- 1,855.6 sq. miles/1,187,612 acres
- Twice the size of the state of Rhode Island
- 26<sup>th</sup> in size of 58 California counties
- 34.90 deg. N to 33.21 deg. N at San Nicolas Island
- 118.63 deg. W to 119.48 deg. W
- Sea level to 2,692 meters (8,831 feet)

# Ventura County Geology

- Precambrian metamorphics & igneous
- Cretaceous and Cenozoic, to Holocene sedimentary formations
- Miocene volcanics

# Why So Rich?

- Location, location, location
- Geology
- Topographic gradient
- Climate (Mediterranean)
- Northern (Holoarctic) and Southern (Madrone-tertiary) floristic contributions
- Diversity of habitats (many microhabitats)

# Major Habitat Types

- Chaparral
- Oak Woodlands
- Pinyon-Juniper Woodlands
- Coastal Sage Scrub
- Mixed Conifer (Yellow Pine) Forest
- Grasslands
- Wetlands
  - Riparian
  - Coastal Salt Marsh & lagoons
  - Depressional/Seasonal
  - Fault-related

# Additional Information

[www.venturaflora.com](http://www.venturaflora.com)

[www.cnpsci.org](http://www.cnpsci.org)

[magney.org/photofiles/VenturaCountyPlants1.htm](http://magney.org/photofiles/VenturaCountyPlants1.htm)

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