

A vertical strip on the left side of the slide shows a topographic map of Ventura County, California, with contour lines and a grid. A white circle with a horizontal arrow points from the map to the author's name.

# Lichens of Ventura County, California

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# Project Purpose

- Catalogue all lichen 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 lichen flora
- Provide a tool for researchers, conservationists, planners and consultants, and enthusiasts interested in the lichen flora





# Lichen Flora Statistics

- 66 genera
- 135 species (more are known and expected)
- 137 taxa (species and subspecies/varieties)
- 0 endemic to just Ventura County, as far as we know at this point in time
- All lichen forms (fruticose, foliose, crustose) represented
- All substrate preferences (terricolous, saxicolous, corticolous, lignocolous, epiphytic)

# Compiling the Flora

- CEQA requires a description of the biological resources present on a project site
- There may be rare lichen species present
- CNPS and CALS list rare lichens statewide
- Collected lichens
- Accessed voucher records at various herbaria housing lichen specimens.
  - Herbarium records are now available online
- Created annotated checklist for county

# 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)

# Examples



# Examples (cont.)



# Examples (cont.)



# Additional Information

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

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

[www.magney.org/photofiles/Ventura\\_County\\_Lichens.htm](http://www.magney.org/photofiles/Ventura_County_Lichens.htm)

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