HABITATS

- Baylands SF Bay
- San Mateo Coast
- West Slope Santa Cruz Mts
- Ridge and East Slope Santa Cruz Mts
- Serpentine Grasslands

Protected Lands San Mateo County
111,000 acres in 77 preserved almost 39%
SM County Population 737,888

Map: https://www.openspace.org
Checklist of the Vascular Plants of San Mateo and Santa Clara Counties, California

by Toni Corelli
for the Santa Clara Valley Chapter
of the California Native Plant Society
2011

SOME TOOLS

Consortium of California Herbaria

Jepson eFlora

Calflora

iNaturalist
24,396 records in the Consortium of California Herbaria (CCH2) for San Mateo County most with location information

UPDATING THE THE CHECKLIST WE KNOW MORE THAN EVER ABOUT THE BOTANICAL HISTORY THROUGH THESE COLLECTION THE RECORDS

THE INFORMATION ON THE HERBARIUM LABELS TELL US THE WHO-WHAT-WHERE-WHEN AND USING THE UPDATED CHECKLIST DATABASE WE ALSO KNOW:

- HOW MANY NATIVE AND NONNATIVE PLANTS WE HAVE THAT HAVE BEEN VOUCHERED
- NUMBER OF TIMES EACH SPECIES HAS BEEN COLLECTED
- WHERE IN SAN MATEO COUNTY THE COLLECTION WAS MADE

SOME HERBARIUM LABELS HAVE:

- HABITAT INFORMATION
- SIZE OF POPULATIONS
- ASSOCIATED PLANTS
- AND OTHER IMPORTANT INFORMATION

THIS INFORMATION IS VERY HELPFUL WHEN STUDYING THE BOTANICAL HISTORY OF OUR REGION
<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Native Taxa</td>
<td>1,087</td>
</tr>
<tr>
<td>Non-native (naturalized) Taxa</td>
<td>476</td>
</tr>
<tr>
<td>Total Taxa San Mateo County (SM Co)*</td>
<td>1,563</td>
</tr>
</tbody>
</table>

1,502 HAVE VOUCHERS       61 DO NOT HAVE VOUCHERS

*Not included in total taxa (on a separate list): some taxa with yellow flags, waifs, cultivated, hybrids, questionable and rejected (not in Jepson eflora) taxa
Fremontodendron californicum – California Flannelbush – showing mapped outside its natural range

Ken Hickman
https://ucjeps.berkeley.edu/consortium/about_yellow.html

Accessed through CCH1 Data Portal, https://ucjeps.berkeley.edu/consortium/

Fremontodendron californicum
CALIFORNIA FLANNELBUSH
LOCALLY RARE, UNCOMMON OR DECLINING SPECIES
IN SAN MATEO COUNTY

THE 2 FLANNELBUSH POPULATIONS WE KNOW ABOUT IN SM CO
ONLY OCCUR ON SMALLPOCHETS OF ANCIENT MARINE DEPOSITS
IN THE SANTA CRUZ MTS.

Criteria indicating it as locally rare:
• Number of populations - 2
• Small populations – based on notes from observations and
  collections
• Limited and Threatened Habitat – ancient marine deposits
• Small geographical range – known from only 1 region in SM Co
• Fire information notes - seedlings germinated after CZU fire but
  no re-sprouting stumps

I am still updating the list of “locally rare” taxa but we may have
over 300 native plant taxa that fit into the locally rare category
OAKMEAD HERBARIUM (JROH)
JASPER RIDGE BIOLOGICAL PRESERVE
Stanford University (https://jrbp.stanford.edu/research/herbarium)
Astragalus agnicidus  
HUMBOLDT COUNTY MILKVETCH  
Most recently discovered after the CZU fire collected by Dylan Neubauer in 2023

Erysimum franciscanum  
SAN FRANCISCO WALLFLOWER  
Collected 199 times this collection on SF watershed land in 1994 by Dean Taylor

Scoliopus bigelovii - SLINK POD  
The oldest CZU collection for SM Co. Collected on 3/1/1867 by Volney Rattan at Searsville

Collected the most - 4,828 collections in SM Co
Quote from John Hunter Thomas Flora of the Santa Cruz Mountains:
“This flora will, I hope, acquaint at least a few more people with the plants around them, and perhaps thus serve as a stimulus, however slight, toward more permanent protection of our environment”