

Monterey Bay Area Maritime Chaparral Acreage

Calabasas/Buena Vista	54
Prunedale	2795
Fort Ord	11,049
Monterey Airport	25
Jacks Peak (excluding pine forest understory)	152
Del Monte Forest (excluding pine forest understory)	10
Palo Corona/Gibson Canyon	1078
Total maritime chaparral	15,163
Toro Park/Pine Canyon (inland chaparral)	2429

Monterey Bay Area Maritime Chaparral Rare Plants

A. hookeri ssp. hookeri	Monterey Bay area
A. montereyensis	Fort Ord / Monterey Airport / Toro Park
A. pajaroensis	Prunedale hills
A. pumila	Fort Ord / Monterey Airport
Ceanothus cuneatus var. rigidus	Central coast
Chorizanthe pungens var. pungens (FT)	Monterey Bay area
Ericameria fasciculata	Monterey Bay area
Piperia yadonii (FE)	Prunedale / Del Monte Forest / Gibson Canyon





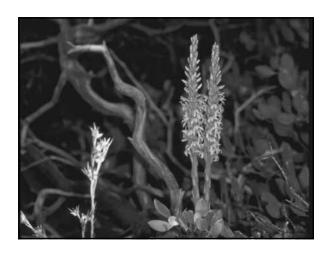








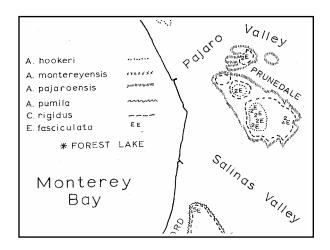


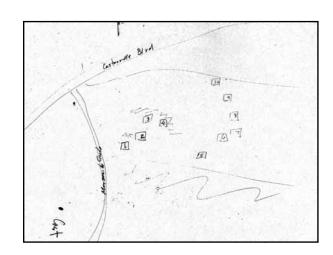


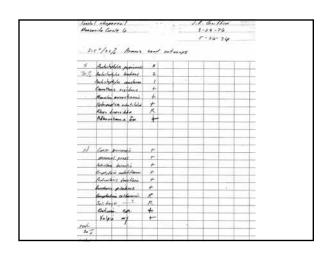












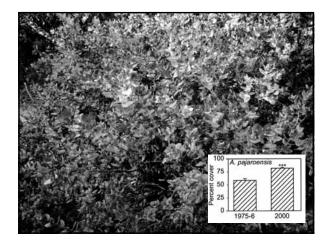


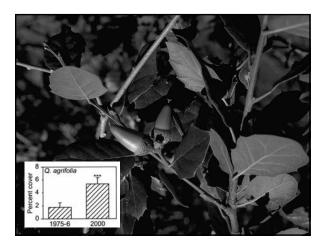
Results: Tree and Shrub Layers

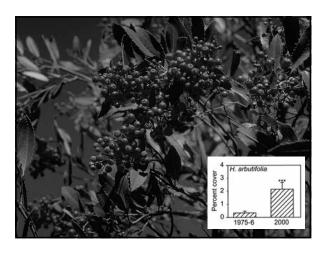
- Same species composition
- Same number of species per plot
- Higher percent cover (86% to 99%)
- Much higher A. pajaroensis cover
- Higher cover of taller trees/shrubs
- Lower cover of shorter shrubs

Results: Herb Layer

- Fewer species (27 to 18)
- Fewer species per plot
- Still no Arctostaphylos seedlings
- But many more *Q. agrifolia* seedlings
- Nothing but vines under tall canopy

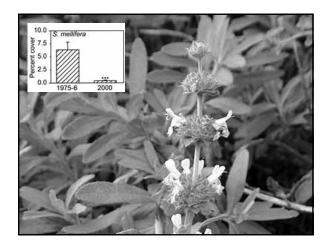


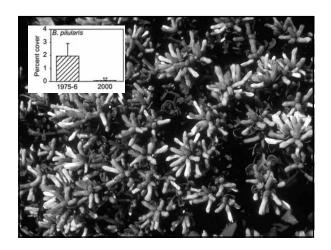


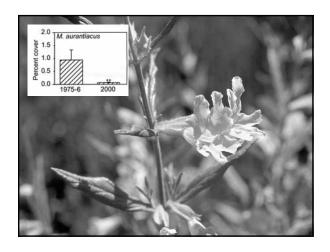


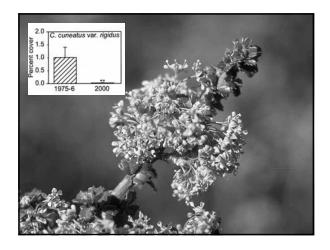








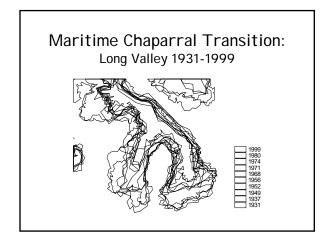


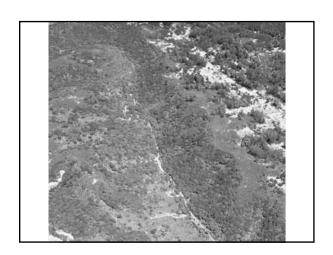


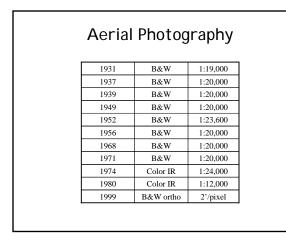


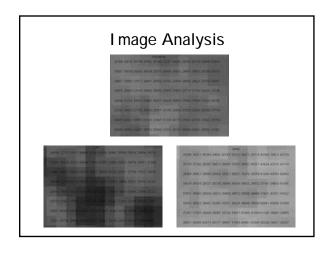


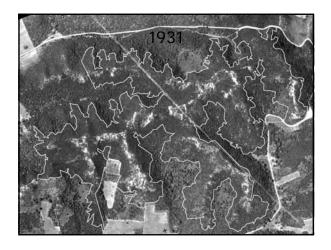


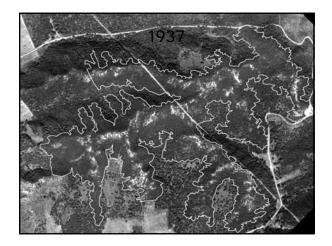


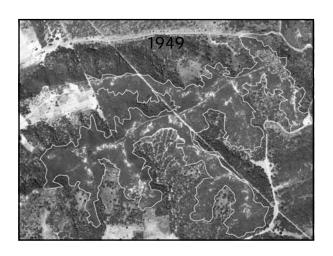


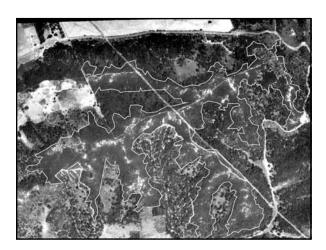


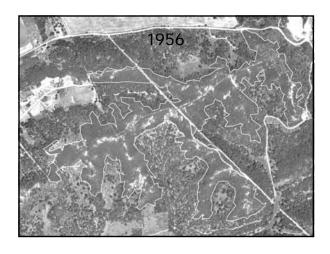


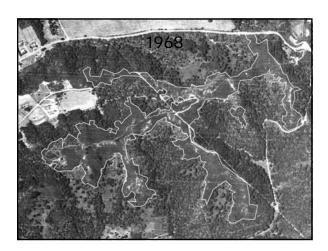


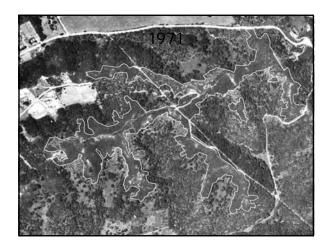


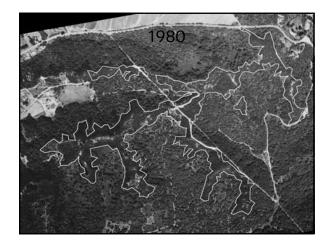


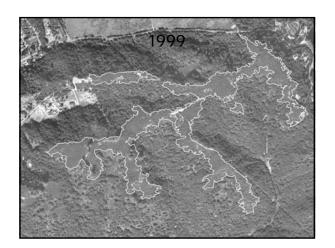


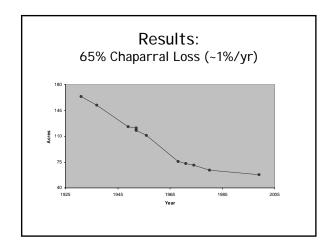


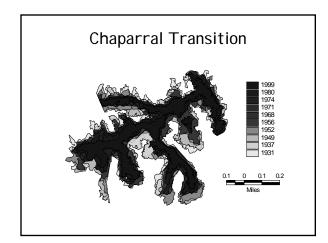












Future Directions:

Maritime Chaparral Research & Management

- Managing Fire Regimes in the Context of Other Human Impacts
 - Non-native Species
 - Habitat Fragmentation
 - Climate Change
- Managing Chaparral For Multiple Species
 - Not Just Shrubs

Future Directions:

Maritime Chaparral Management & Research

- Managing Disturbance Across the Landscape
 - No "Right" Management Regime
- Research Approaches
 - Replicated Experiments Testing a Range of Treatments
 - Meta-analysis