

COUNTY OF SAN MATEO, PARKS DEPARTMENT

NOTICE OF INTENT TO ADOPT
NEGATIVE DECLARATION

A notice, pursuant to the California Environmental Quality Act of 1970, as amended (Public Resources Code 21,000, et seq.), that the following project: Edgewood Park and Natural Preserve Removal of 22 Eucalyptus Trees when adopted and implemented will not have a significant impact on the environment.

FILE NO.: ENV 2009-0001

OWNER: San Mateo County Parks and Recreation Division

APPLICANT: San Mateo County Parks and Recreation Division

ASSESSOR'S PARCEL NO: 057-460-140

PROJECT DESCRIPTION AND LOCATION

Two groves of eucalyptus made up of 7 and 17 trees respectively are proposed for removal at Edgewood County Park and Natural Preserve. These 22 trees exist in serpentine grasslands located on the west side of the park adjacent and are visible from Highway 280. Smaller eucalyptus that are 6 inches in size have been reduced from these groves in past years. The groves bisect a 20 acre grassland habitat that has undergone extensive restoration. The habitat restoration is an effort to reestablish the population of Federally listed Rare and Endangered Bay checkerspot butterfly habitat that once flourished at the park. Several years of mowing of the non-native Italian rye grass has greatly reduced competition for the Bay checkerspot larvae's food of choice, the California plantain (*Plantago erecta*). An added benefit of the restoration activities is a spectacular wildflower display every spring. The Federally listed rare/endangered wooly headed lessingia (*Lessingia hololeuca*), Marin dwarf flax (*Hesperolinon congestum*) and White-rayed pentachaeta (*Pentachaeta bellidiflora*) also exist in the serpentine grassland. A total of 22 Eucalyptus trees, considered Significant Trees by the County's Tree Ordinance, will be replaced at a 1:1 ratio with Coastal live oak, California buckeye, and Arroyo Willow within in Edgewood County Park in the Edgewood Day Camp area. Following tree removal the site will be revegetated with native wildflowers grown from seed collected at Edgewood Park.

FINDINGS AND BASIS FOR A NEGATIVE DECLARATION

The San Mateo County Parks Department has reviewed the initial study for the project and, based upon substantial evidence in the record, finds that:

1. The project will not adversely affect water or air quality or increase noise levels substantially.
2. The project will not have adverse impacts on the flora or fauna of the area.
3. The project will not degrade the aesthetic quality of the area.
4. The project will not have adverse impacts on traffic or land use.
5. In addition, the project will not:
 - a. Create impacts which have the potential to degrade the quality of the environment.
 - b. Create impacts which achieve short-term to the disadvantage of long-term environmental goals.
 - c. Create impacts for a project which are individually limited, but cumulatively considerable.
 - d. Create environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly.

The County of San Mateo has, therefore, determined that the environmental impact of the project is insignificant.

MITIGATION MEASURES included in the project to avoid potentially significant effects:

1. All eucalyptus tree stumps will be treated with herbicide following cutting to prevent resprouting.
2. The 22 Significant sized eucalyptus trees will be replaced at a 1:1 ratio with native Coast live oak, California buckeye, and Arroyo willow at the Day Camp Area within Edgewood County Park and Natural Preserve.
3. Following eucalyptus eradication the site will be restored with native wildflowers grown from seed collected from Edgewood County Park and Natural Preserve.

RESPONSIBLE AGENCY CONSULTATION

US Fish and Wildlife Service
CalTrans, District 4
Pacific Gas and Electric

Golden Gate National Recreation Area
Mid-Peninsula Regional Open Space District
San Francisco Water Department

INITIAL STUDY

The San Mateo County Parks Department has reviewed the Environmental Evaluation of this project and has found that the probable environmental impacts are insignificant. A copy of the initial study is attached.

REVIEW PERIOD April 27, 2009 to May 26, 2009

The County Park Commission will hold a public hearing to receive public comments on this Negative Declaration at it's May 7, 2009 meeting. All written comments regarding the correctness, completeness, or adequacy of this Negative Declaration must be received by the County Parks Department, 455 County Center, Fourth Floor, Redwood City, no later than 5:00 p.m., May 26, 2009.

CONTACT PERSON

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CPD FORM A-ENV-35
FRM00013.DOC
(05/06/2002)

INITIAL STUDY
ENVIRONMENTAL EVALUATION CHECKLIST
(To Be Completed By Parks Planning Section)

I. BACKGROUND

Project Title: Edgewood Park and Natural Preserve Removal of 22 Eucalyptus Trees

File No.: _____

Project Location: Edgewood Park and Natural Preserve, Edgewood and Old Stage Road, Redwood City, California

Assessor's Parcel No.: 057-460-140

Applicant/Owner: San Mateo County Parks Department

Date Environmental Information Form Submitted: April 20, 2009

PROJECT DESCRIPTION

Two groves of eucalyptus made up of 7 and 17 trees respectively are proposed for removal at Edgewood County Park and Natural Preserve. These 22 eucalyptus trees are 6 inches in size and are located on the west side of the park adjacent and are visible within the Scenic Corridor of Highway 280. These 22 eucalyptus trees have been reduced from these groves in past years. The groves bisect a 20 acre grassland habitat that has undergone extensive restoration. The habitat restoration is an effort to reestablish the population of Federally listed Rare and Endangered Bay checkerspot butterfly habitat that once flourished at the park. Several years of mowing of the non-native Italian rye grass has greatly reduced competition for the Bay checkerspot larvae's food of choice, the California plantain (*Plantago erecta*). An added benefit of the restoration activities is a spectacular wildflower display every spring. The Federally listed rare/endangered woolly headed lessingia (*Lessingia hololeuca*), Marin dwarf flax (*Hesperolinon congestum*) and White-rayed pentachaeta (*Pentachaeta bellidiflora*) also exist in the serpentine grassland. A total of 22 Eucalyptus trees, considered Significant Trees by the County's Tree Ordinance, will be replaced at a 1:1 ratio with Coastal live oak, California buckeye, and Arroyo Willow within in Edgewood County Park in the Edgewood Day Camp area. Following tree removal the site will be revegetated with native wildflowers grown from seed collected at Edgewood Park.

II. ENVIRONMENTAL ANALYSIS

Any controversial answers or answers needing clarification are explained on an attached sheet. For source, refer to pages 11 and 12.

	NO	IMPACT			SOURCE
		Not Significant	YES		
			Significant Unless Mitigated	Significant	
1. <u>LAND SUITABILITY AND GEOLOGY</u>					
Will (or could) this project:					
a. Involve a unique landform or biological area, such as beaches, sand dunes, marshes, tidelands, or San Francisco Bay?			X		B,F,O
b. Involve construction on slope of 15% or greater?	X				
c. Be located in an area of soil instability (subsidence, landslide or severe erosion)?	X				E,I
d. Be located on, or adjacent to a known earthquake fault?					Bc,D
e. Involve Class I or Class II Agriculture Soils and Class III Soils rated good or very good for artichokes or Brussels sprouts?	X			X	Bc,D
f. Cause erosion or siltation?					M
g. Result in damage to soil capability or loss of agricultural land?		X			M,I
h. Be located within a flood hazard area?	X				A,M
i. Be located in an area where a high water table may adversely affect land use?	X				G
j. Affect a natural drainage channel or streambed, or watercourse?	X				D
					E

	IMPACT	YES			SOURCE		
		NO	Not Significant	Significant Unless Mitigated		Significant	Cumulative
2. <u>VEGETATION AND WILDLIFE</u>							
Will (or could) this project:							
a.	Affect federal or state listed rare or endangered species of plant life in the project area?		X			F	
b.	Involve cutting of heritage or significant trees as defined in the County Heritage Tree and Significant Tree Ordinance?			X		I,A	
c.	Be adjacent to or include a habitat food source, water source, nesting place or breeding place for a federal or state listed rare or endangered wildlife species?		X			F	
d.	Significantly affect fish, wildlife, reptiles, or plant life?						
e.	Be located inside or within 200 feet of a marine or wildlife reserve?	X		X		I	
f.	Infringe on any sensitive habitats?	X				E,F,O	
g.	Involve clearing land that is 5,000 sq. ft. or greater (1,000 sq. ft. within a County Scenic Corridor), that has slopes greater than 20% or that is in a sensitive habitat or buffer zone?		X			F	
3. <u>PHYSICAL RESOURCES</u>							
Will (or could) this project:							
a.	Result in the removal of a natural resource for commercial purposes (including rock, sand, gravel, oil, trees, minerals or topsoil)?	X				I,F,Bb	
b.	Involve grading in excess of 150 cubic yards?	X				I	

	IMPACT					SOURCE
	NO	YES			Cumulative	
		Not Significant	Significant Unless Mitigated	Significant		
c. Involve lands currently protected under the Williamson Act (agricultural preserve) or an Open Space Easement?	X					I
d. Affect any existing or potential agricultural uses?	X					A,K,M
4. AIR QUALITY, WATER QUALITY, SONIC						
Will (or could) this project:						
a. Generate pollutants (hydrocarbon, thermal odor, dust or smoke particulates, radiation, etc.) that will violate existing standards of air quality on-site or in the surrounding area?	X					I,N,R
b. Involve the burning of any material, including brush, trees and construction materials?	X					
c. Be expected to result in the generation of noise levels in excess of those currently existing in the area, after construction?	X					I
d. Involve the application, use or disposal of potentially hazardous materials, including pesticides, herbicides, other toxic substances, or radioactive material?		X				Ba,I
e. Be subject to noise levels in excess of levels determined appropriate according to the County Noise Ordinance or other standard?	X					
f. Generate noise levels in excess of levels determined appropriate according to the County Noise Ordinance standard?	X					A,Ba,Bc
g. Generate polluted or increased surface water runoff or affect groundwater resources?		X				I

	IMPACT					SOURCE
	NO	YES			Cumulative	
		Not Significant	Significant Unless Mitigated	Significant		
h. Require installation of a septic tank/leachfield sewage disposal system or require hookup to an existing collection system which is at or over capacity?	X					S
5. TRANSPORTATION						
Will (or could) this project:						
a. Affect access to commercial establishments, schools, parks, etc.?	X					A,I
b. Cause noticeable increase in pedestrian traffic or a change in pedestrian patterns?	X					A,I
c. Result in noticeable changes in vehicular traffic patterns or volumes (including bicycles)?		X				I
d. Involve the use of off-road vehicles of any kind (such as trail bikes)?	X					I
e. Result in or increase traffic hazards?	X					S
f. Provide for alternative transportation amenities such as bike racks?	X					I
g. Generate traffic which will adversely affect the traffic carrying capacity of any roadway?	X					S
6. LAND USE AND GENERAL PLANS						
Will (or could) this project:						
a. Result in the congregating of more than 50 people on a regular basis?	X					I

	IMPACT				SOURCE
	NO	YES			
		Not Significant	Significant Unless Mitigated	Significant	
b. Result in the introduction of activities not currently found within the community?	X				I
c. Employ equipment which could interfere with existing communication and/or defense systems?	X				I
d. Result in any changes in land use, either on or off the project site?	X				I
e. Serve to encourage off-site development of presently undeveloped areas or increase development intensity of already developed areas (examples include the introduction of new or expanded public utilities, new industry, commercial facilities or recreation activities)?	X				I,Q,S
f. Adversely affect the capacity of any public facilities (streets, highways, freeways, public transit, schools, parks, police, fire, hospitals), public utilities (electrical, water and gas supply lines, sewage and storm drain discharge lines, sanitary landfills) or public works serving the site?	X				I,S
g. Generate any demands that will cause a public facility or utility to reach or exceed its capacity?	X				I,S
h. Be adjacent to or within 500 feet of an existing or planned public facility?		X			A
i. Create significant amounts of solid waste or litter?	X				I
j. Substantially increase fossil fuel consumption (electricity, oil, natural gas, coal, etc.)?	X				I
k. Require an amendment to or exception from adopted general plans, specific plans, or community policies or goals?	X				B

	IMPACT					SOURCE
	NO	YES			Cumulative	
		Not Significant	Significant Unless Mitigated	Significant		
l. Involve a change of zoning?	X					C
m. Require the relocation of people or businesses?	X					I
n. Reduce the supply of low-income housing?	X					I
o. Result in possible interference with an emergency response plan or emergency evacuation plan?	X					S
p. Result in creation of or exposure to a potential health hazard?	X					S
7. <u>AESTHETIC, CULTURAL AND HISTORIC</u>						
Will (or could) this project:						
a. Be adjacent to a designated Scenic Highway or within a State or County Scenic Corridor?		X				A,Bb
b. Obstruct scenic views from existing residential areas, public lands, public water body, or roads?	X					A,I
c. Involve the construction of buildings or structures in excess of three stories or 36 feet in height?	X					I
d. Directly or indirectly affect historical or archaeological resources on or near the site?	X					H
e. Visually intrude into an area having natural scenic qualities?	X					A,I

III. **RESPONSIBLE AGENCIES.** Check what agency has permit authority or other approval for the project.

AGENCY	YES	NO	TYPE OF APPROVAL

AGENCY	YES	NO	TYPE OF APPROVAL
U.S. Army Corps of Engineers (CE)		X	
State Water Resources Control Board		X	
Regional Water Quality Control Board		X	
State Department of Public Health		X	
San Francisco Bay Conservation and Development Commission (BCDC)		X	
U.S. Environmental Protection Agency (EPA)		X	
County Airport Land Use Commission (ALUC)		X	
CalTrans		X	
Bay Area Air Quality Management District		X	
U.S. Fish and Wildlife Service		X	
Coastal Commission		X	
City		X	
Sewer/Water District:		X	
Other: Mid-Peninsula Regional Open Space District	X		MPROSD Park, Recreation, Scenic and Open Space Easement
Golden Gate National Recreation Area	X		GGNRA Recreational Easement

IV. MITIGATION MEASURES

Mitigation measures have been proposed in project application.

Other mitigation measures are needed.

<u>Yes</u>	<u>No</u>
<u>X</u>	<u> </u>
<u> </u>	<u>X</u>

The following measures are included in the project plans or proposals pursuant to Section 15070(b)(1) of the State CEQA Guidelines:

1. All eucalyptus tree stumps will be treated with herbicide following cutting to prevent resprouting.
2. 22 Significant sized eucalyptus trees will be replaced at a 1:1 ration with native Coast live oak, California buckeye, and Arroyo willow at the Day Camp area in Edgewood Park and Natural Preserve.
3. Following eucalyptus eradication the site will be restored with native wildflowers grown from seed collected at Edgewood County Park (see list for plants).

V. MANDATORY FINDINGS OF SIGNIFICANCE

	Yes	No
1. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal, or eliminate important examples of the major periods of California history or prehistory?		X
2. Does the project have the potential to achieve short-term environmental goals to the disadvantage of long-term environmental goals?		X
3. Does the project have possible environmental effects which are individually limited, but cumulatively considerable?		X
4. Would the project cause substantial adverse effects on human beings, either directly or indirectly?		X

On the basis of this initial evaluation:

- I find the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared by the County Parks Department.
- I find that although the proposed project could have a significant effect on the environment, there **WILL NOT** be a significant effect in this case because of the mitigation measures in the discussion have been included as part of the proposed project. A **NEGATIVE DECLARATION** will be prepared.
- I find that the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.

April 27, 2009
Date


(Sign)

Senior Planner
(Title)

VI. SOURCE LIST

- A. Field Inspection
- B. County General Plan 1986
 - a. General Plan Chapters 1-16
 - b. Local Coastal Program (LCP) (Area Plan)
 - c. Skyline Area General Plan Amendment
 - d. Montara-Moss Beach-EI Granada Community Plan
 - e. Emerald Lake Hills Community Plan
- C. County Ordinance Code
- D. Geotechnical Maps
 - 1. USGS Basic Data Contributions
 - a. #43 Landslide Susceptibility
 - b. #44 Active Faults
 - c. #45 High Water Table
 - 2. Geotechnical Hazards Synthesis Maps
- E. USGS Quadrangle Maps, San Mateo County 1970 Series (See F. and H.)
- F. San Mateo County Rare and Endangered Species Maps, or Sensitive Habitats Maps
- G. Flood Insurance Rate Map – National Flood Insurance Program
- H. County Archaeologic Resource Inventory (Prepared by S. Dietz, A.C.R.S.) Procedures for Protection of Historic and Cultural Properties – 36 CFR 800 (See R.)
- I. Project Plans or EIF
- J. Airport Land Use Committee Plans, San Mateo County Airports Plan
- K. Aerial Photography or Real Estate Atlas – REDI
 - 1. Aerial Photographs, 1941, 1953, 1956, 1960, 1963, 1970
 - 2. Aerial Photographs, 1981
 - 3. Coast Aerial Photos/Slides, San Francisco County Line to Año Nuevo Point, 1971
 - 4. Historic Photos, 1928-1937
- L. Williamson Act Maps

- M. Soil Survey, San Mateo Area, U.S. Department of Agriculture, May 1961
- N. Air Pollution Isoleth Maps – Bay Area Air Pollution Control District
- O. California Natural Areas Coordinating Council Maps (See F. and H.)
- P. Forest Resources Study (1971)
- Q. Experience with Other Projects of this Size and Nature
- R. Environmental Regulations and Standards:
 - Federal
 - Review Procedures for CDBG Programs 24 CFR Part 58
 - NEPA 24 CFR 1500-1508
 - Protection of Historic and Cultural Properties 36 CFR Part 800
 - National Register of Historic Places Executive Order 11988
 - Floodplain Management Executive Order 11990
 - Protection of Wetlands
 - Endangered and Threatened Species
 - Noise Abatement and Control 24 CFR Part 51B
 - Explosive and Flammable Operations 24 CFR 51C
 - Toxic Chemicals/Radioactive Materials HUD 79-33
 - Airport Clear Zones and APZ 24 CFR 51D
 - State
 - Ambient Air Quality Standards Article 4, Section 1092
 - Noise Insulation Standards
- S. Consultation with Departments and Agencies:
 - a. County Health Department
 - b. City Fire Department
 - c. California Department of Forestry
 - d. Department of Public Works
 - e. Disaster Preparedness Office
 - f. Other Edgewood County Park and Natural Preserve Master Plan, May 1997

Edgewood Park and Natural Preserve Removal of 22 Eucalyptus Trees

Answers to Yes Questions in Initial Study

1. LAND SUITABILITY AND GEOLOGY

- a. Involve a unique landform or biological area, such as beaches, sand dunes, marshes, tidelands, or San Francisco Bay?

The Franciscan formation contains a potpourri of marine sandstone, dark gray sandstone (greywacke), and volcanics with metamorphic rocks (serpentine and serpentized periodite. Serpentine and periodite are considered to be ultramafic rocks because more than 70% of their composition consists of ferro-magnesium (iron-magnesium silicate). The resultant solid characteristics are highly variable and highly alkaline as well.

Serpentine rock and its derived soils are significant features of western North American mountains because they exert an influence best described as "profound" affecting the patterns of vegetation, the species of plant communities occurring on serpentine, and the very physiognomy of the vascular flora.

California Serpentine are noted for their remarkable characteristic of supporting endemic species highly restricted in range. Many of Edgewood's rare and endangered species include some serpentine endemic species with highly restricted range. The area around the two eucalyptus groves are 20 acres of serpentine grasslands that have had several years of mowing to reduce non-native Italian rye grass, which has greatly reduced competition for the Bay checkerspot larvae's food of choice the California plantain (*Plantago erecta*). The goal of removing these two groves is to expand restoration potential adjacent to these serpentine grasslands.

- d. Be located on, or adjacent to a known earthquake fault?

The site is nearby the San Andreas Fault, which runs through the San Francisco Water Department property.

f. Cause erosion or siltation?

The trees to be removed are on flat lands, and there are no significant drainages adjacent to the site. After the trees are removed the site will be replanted with native wildflowers grown from seed collected at Edgewood Park and Natural Preserve.

2. VEGETATION AND WILDLIFE

a. Affect federal or state listed rare or endangered species of plant life in the project area?

The goal of the project is to remove the 22 non-native invasive eucalyptus groves of 7 and 17 trees respectively, and replant with native vegetation to support serpentine grasslands and Bay checkerspot butterfly restoration.

b. Involve cutting of heritage or significant trees as defined in the County Heritage Tree and Significant Tree Ordinance?

The two eucalyptus groves total 22 trees which are all considered Significant in size per the County's Significant Tree Ordinance. Trees will be replaced with native Coast live oak, California buckeye, and Arroyo willow in the Day Camp area in Edgewood Park and Natural Preserve property.

c. Be adjacent to or include a habitat food source, water source, nesting place or breeding place for a federal or state listed rare or endangered wildlife species?

The eucalyptus groves are directly adjacent to Federally listed serpentine grasslands species such as the Rare/Endangered Woolly headed lessingia (*Lessingia hololeuca*), Marin dwarf flax (*Hesperolinon congestum*) and White-rayed pentachaeta (*Pentachaeta bellidiflora*), and the groves removal is part of an effort to restore 20 acres of these grasslands and habitat for the Federally listed Rare/Endangered Bay checkerspot butterfly.

d. Significantly affect fish, wildlife, reptiles, or plant life?

The end result of the eucalyptus removal will be an improved restored serpentine grassland habitat for the species described in 2 c above.

g. Involve clearing land that is 5,000 sq. ft. or greater (1,000 sq. ft. within a County Scenic Corridor), that has slopes greater than 20% or that is in a sensitive habitat or buffer zone?

The 22 trees to be removed are within 1,000 sq. ft of the Highway 280 State and County Scenic Corridor. Removal of the eucalyptus groves and restoration of the grassland habitat will result in an improvement in the overall

scenic qualities of the site as the grasslands, and their native wildflower display will be in full view from Highway 280.

4. AIR QUALITY, WATER QUALITY, SONIC

- c. Involve the application, use or disposal of potentially hazardous materials, including pesticides, herbicides, other toxic substances, or radioactive material?

Herbicide to systemically kill the eucalyptus trees after they have been cut will immediately be placed on the stump of the trees to prevent resprouting.

- g. Generate polluted or increased surface water runoff or affect groundwater resources?

While the eucalyptus removal could produce some erosion no erosion control methods are proposed because the removal will take place during the dry period between April 15 and October 15, the site is level and firm, is not directly adjacent to wetlands or drainage, and will be revegetated after removal with native wildflowers.

5. TRANSPORTATION

- c. Result in noticeable changes in vehicular traffic patterns or volumes (including bicycles)?

There is a service road to the site that will be temporarily accessed during eucalyptus tree removal.

6. LAND USE AND GENERAL PLANS

- h. Be adjacent to or within 500 feet of an existing or planned public facility?

The eucalyptus groves are located directly adjacent to PG&E power lines that north to south through the western portion of Edgewood. This project is being accomplished thanks to the generosity of PG&E who have provided a grant to removal these eucalyptus groves.

7. AESTHETIC, CULTURAL AND HISTORIC

- a. Be adjacent to a designated Scenic Highway or within a State or County Scenic Corridor?

See response to 2. g above.

FIGURE 1a -- LOCATION WITHIN COUNTY PARKS SYSTEM

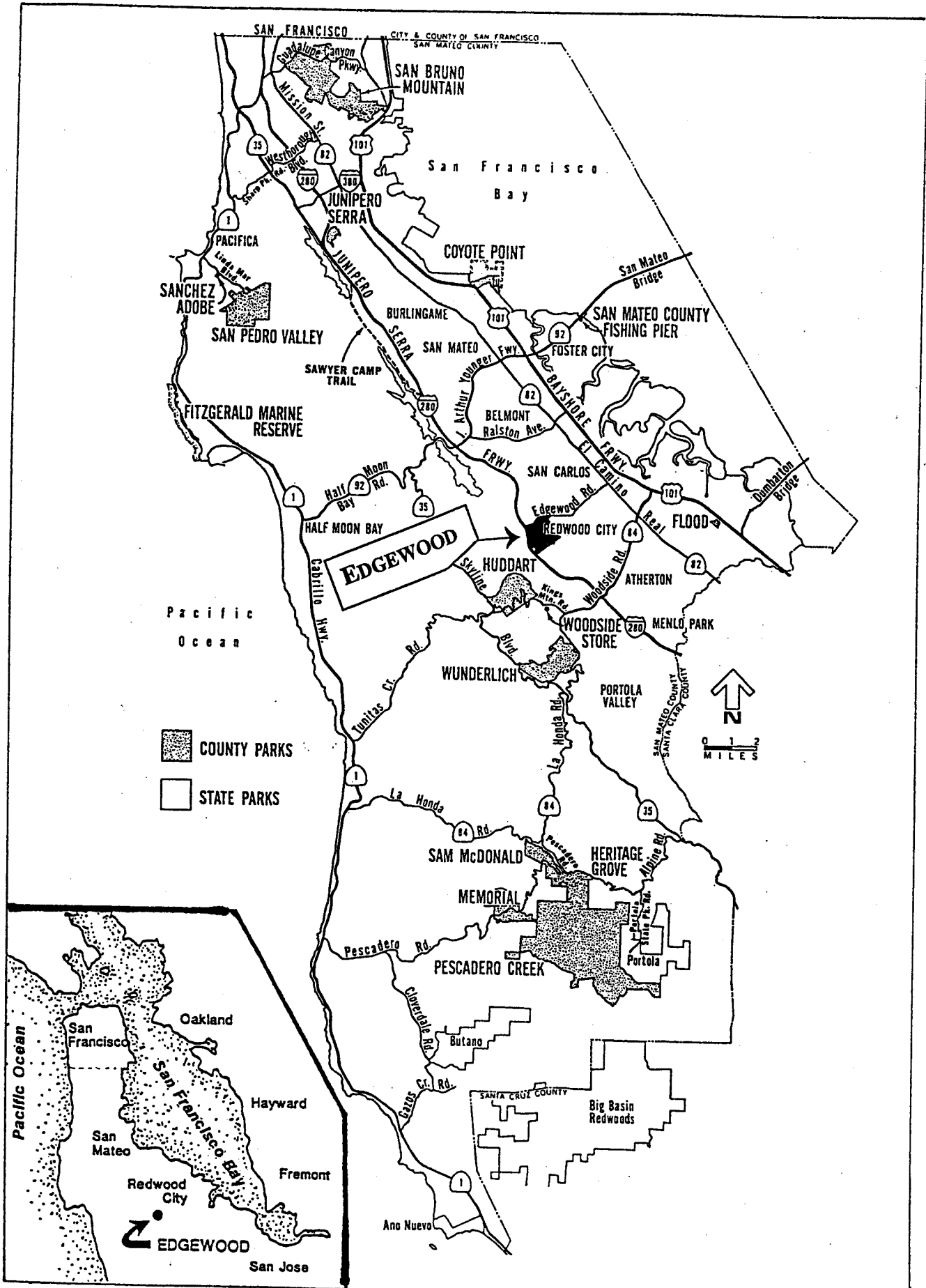


FIGURE A-1 -- TOPOGRAPHY

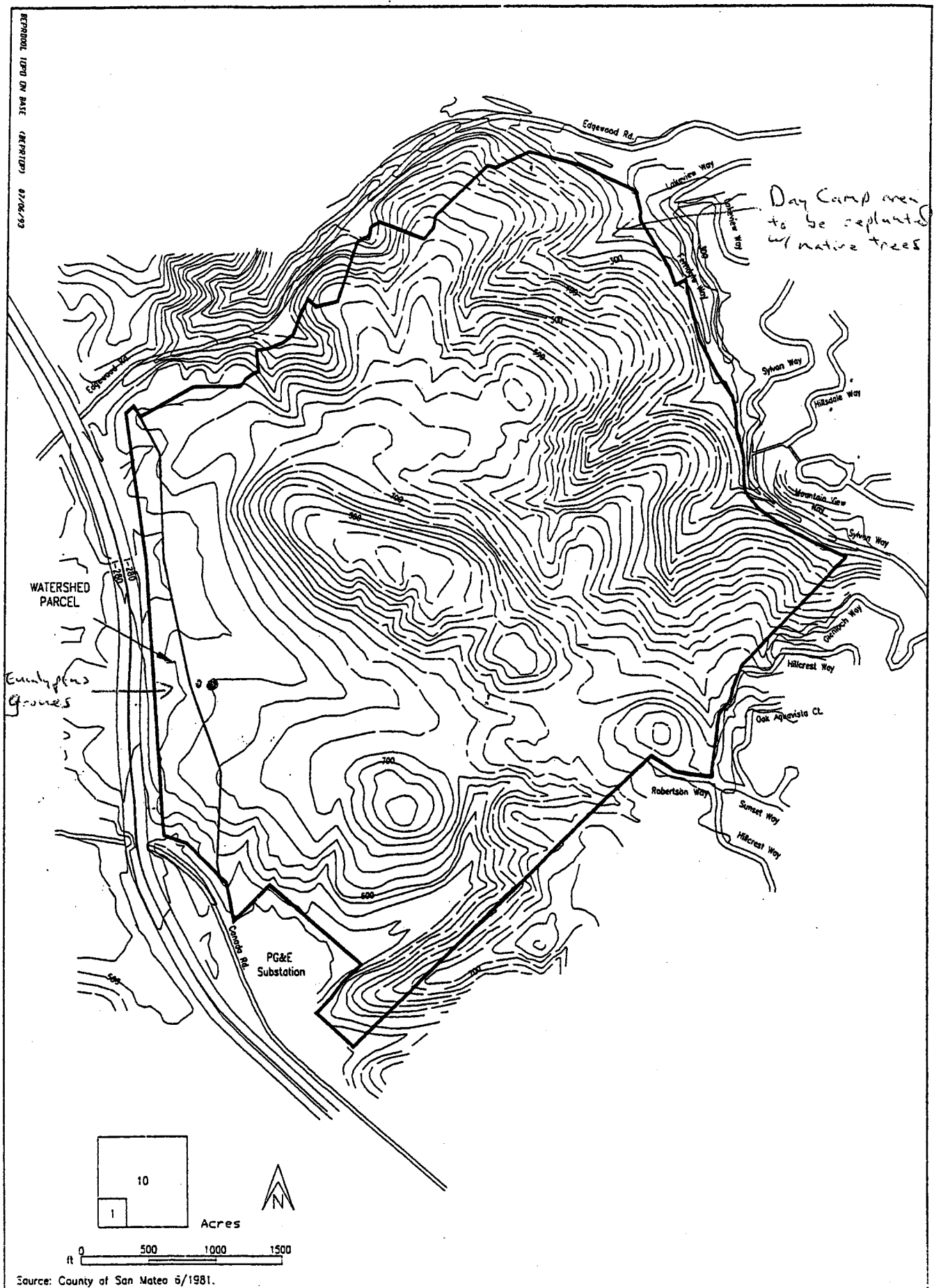
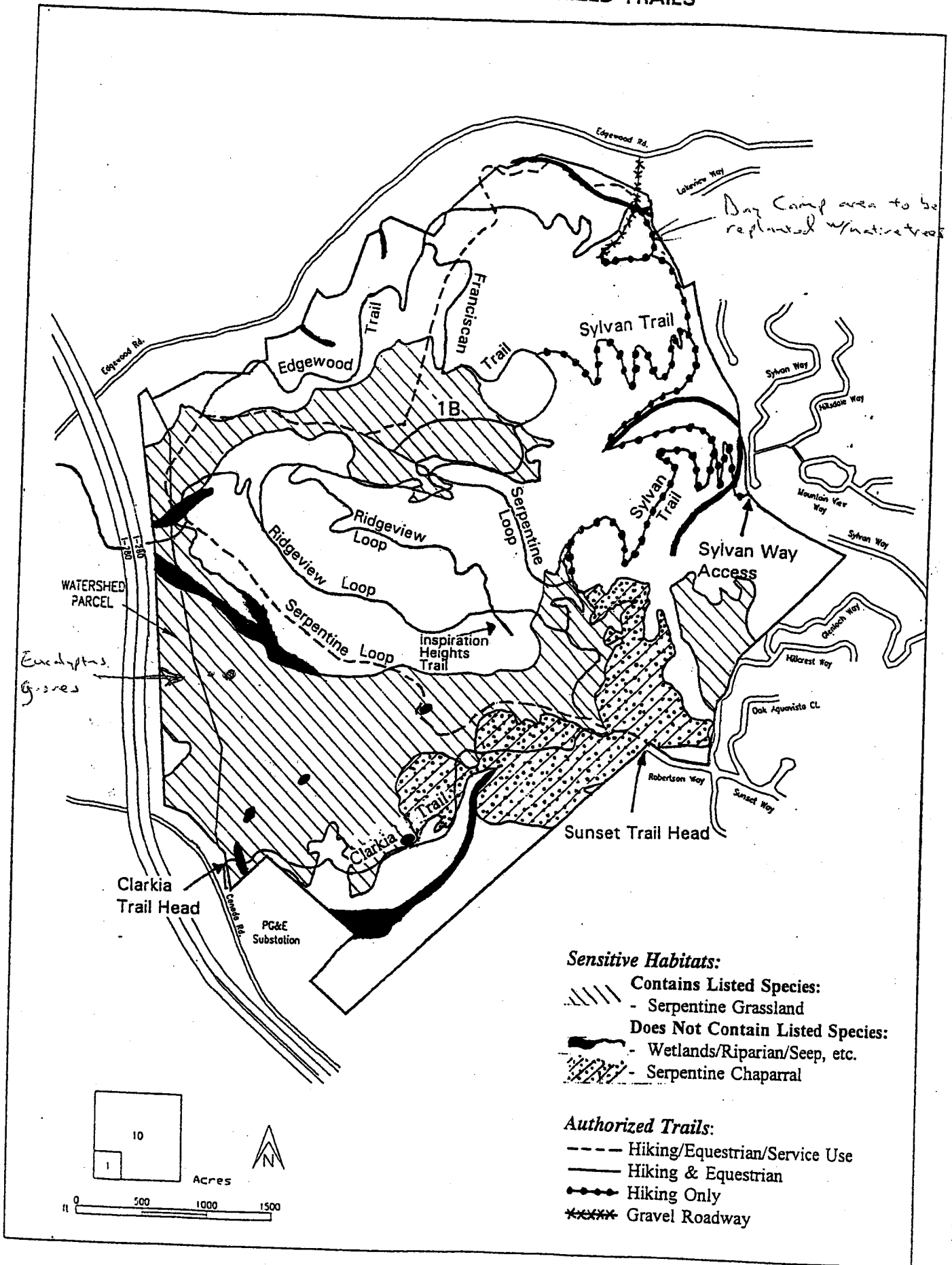


FIGURE 2 -- SENSITIVE HABITATS AND AUTHORIZED TRAILS



Native Plants to Revegetate Former Eucalyptus Groves

Ease of propagation (Normal, Difficult, Unknown)	Family	Species	Common name	Functional group
U	Apiaceae	<i>Perideridia kelloggii</i>	Yampah	forb, perennial
N	Apiaceae	<i>Sanicula bipinnatifida</i>	Purple Sanicle	forb, perennial
N	Asteraceae	<i>Achillea millefolium</i>	Yarrow	forb, perennial
U	Asteraceae	<i>Achyrochaena mollis</i>	Blow Wives	forb, annual
N	Asteraceae	<i>Hemizonia congesta luzulifolia</i>	Hayfield Tarweed	forb, annual
N	Asteraceae	<i>Lasthenia californica</i>	Goldfields	forb, annual
N	Asteraceae	<i>Layia platyglossa</i>	Tidy-tips	forb, annual
N	Asteraceae	<i>Madia gracilis</i>	Slender Tarweed	forb, annual
N	Asteraceae	<i>Wyethia angustifolia</i>	Narrow-leaved Mule Ears	forb, perennial
N	Asteraceae	<i>Wyethia glabra</i>	Mule Ears	forb, perennial
N	Convolvulaceae	<i>Calystegia subcaulis</i>	Hill Morning Glory	forb, perennial
U	Fabaceae	<i>Lotus wrangelianus</i>	Chile Trefoil	legume, annual
N	Fabaceae	<i>Trifolium willdenovii</i>	Tomcat Clover	legume, annual
N	Iridaceae	<i>Sisyrinchium bellum</i>	Blue Eyed Grass	forb, perennial
D	Liliaceae	<i>Brodiaea elegans elegans</i>	Elegant Brodiaea	forb, perennial
D	Liliaceae	<i>Brodiaea terrestris terrestris</i>	Dwarf Brodiaea	forb, perennial
D	Liliaceae	<i>Calochortus argillosus</i>	Clay Mariposa Lily	forb, perennial
D	Liliaceae	<i>Calochortus luteus</i>	Yellow Mariposa Lily	forb, perennial
N	Liliaceae	<i>Chlorogalum pomeridianum</i>	Amole/Soap Plant	forb, perennial
D	Liliaceae	<i>Dichelostemma capitatum capitatum</i>	Blue Dicks	forb, perennial
U	Liliaceae	<i>Mulla maritima</i>	Seaside Mulla	forb, perennial
N	Malvaceae	<i>Sidalcea diploscypha</i>	Fringed Sidalcea	forb, annual
N	Malvaceae	<i>Sidalcea malvaeflora</i>	Checker Mallow	forb, perennial
N	Onagraceae	<i>Camissonia ovata</i>	Sun Cups	forb, perennial
N	Onagraceae	<i>Clarkia purpurea quadrivulnera</i>	Four-Spot	forb, annual
N	Papaveraceae	<i>Eschscholzia californica</i>	California Poppy	forb, perennial
N	Papaveraceae	<i>Platystemon californicus</i>	Cream Cups	forb, annual
N	Polemoniaceae	<i>Linanthus androsaceus</i>	Common Linanthus	forb, annual
N	Polemoniaceae	<i>Linanthus parviflorus</i>	Small-flowered Linanthus	forb, annual
U	Portulacaceae	<i>Calandrinia ciliata</i>	Red Maids	forb, annual
D	Primulaceae	<i>Dodecatheon hendersonii</i>	Mosquito Bills	forb, perennial
D	Ranunculaceae	<i>Delphinium variegatum variegatum</i>	Royal Larkspur	forb, perennial
N	Ranunculaceae	<i>Ranunculus californicus</i>	California Buttercup	forb, perennial

N	Scrophulariaceae	Castilleja attenuata	Valley Tassels	forb, annual
N	Scrophulariaceae	Castilleja densiflora	Owl's Clover	forb, annual
N	Scrophulariaceae	Castilleja exserta	Purple Owl's Clover	forb, annual
N	Scrophulariaceae	Castilleja rubicundula lithospermoides	Cream Sacs	forb, annual

Flowering time

Jun-Jul
Mar-May
Apr-Jul
Apr-May
May-Aug
Mar-Jun
Mar-Jun
May-Jul
Apr-May
Mar-Jun
Apr-Jun
Apr-Jul
Mar-May
Mar-May
May-Jun
Mar-Jun
May-Jun
Apr-Jun
May-Jun
Feb-May
Mar-Apr
Apr-May
Feb-Jun
Feb-Jun
Apr-Jul
Apr-Jun
Mar-Apr
Mar-Apr
Apr-May
Feb-Jun
Feb-Apr
Feb-May
Feb-Apr