



THE CONSERVATION LANDS NETWORK Biodiversity Portfolio Report

This is the Biodiversity Portfolio Report for the area that you defined. The following information is intended to give you a better understanding of the biodiversity values of the specified area and how it contributes to the regional biodiversity goals. Click on blue titles for more information about that category.

Landscape Unit:

Mount Hamilton

Defined Area Size:

1,075 Acres, 435 Hectares

Conservation Lands Network Category:

Areas Essential to the Conservation Goals: 1,112 acres

Converted Lands:

Conservation Suitability:

124 (Highly Suitable for Conservation) [more info](#)

Protected Land Within Selected Area:

None - 0.0 km to closest protected area

Nitrogen Deposition:

6.01 Kg/H/Yr (High)

Climate Index Averages:

January Min Temp - - deg. C

July Max Temp - 26-28 deg. C

Annual Precipitation - 610-671 mm/year

Cloud Cover - 20% of days Jul to Sept 2000-2006, cover at 10:30am

Elevation (derived from a 10m DEM):

Range = 649 - 1,175 meters Mean = 869 meters

% Slope (derived from a 10m DEM):

Range = 0 - 98 % Mean = 45 %

CONSERVATION TARGETS

Coarse Filter Vegetation Targets:

VEGETATION TYPE CONSERVATION TARGET	RARITY RANK	SELECTED AREA			LANDSCAPE UNIT	
		TOTAL ACREAGE	PROTECTED ACREAGE	ACREAGE TOWARD LANDSCAPE UNIT GOAL	LANDSCAPE UNIT GOAL	ACREAGE TO MEET GOALS
Coastal Scrub - Mount Hamilton	1	24	0	24	2,929	1,987
Semi-Desert Scrub / Desert Scrub - Mount Hamilton	2	101	0	101	18,490	7,355
California Bay Forest - Mount Hamilton	2	19	0	19	3,814	1,383
Blue Oak- Foothill Pine Woodland - Mount Hamilton	2	7	0	7	10,878	3,542
Coast Live Oak Forest / Woodland - Mount Hamilton	3	515	9	506	45,561	8,510
Blue Oak Forest / Woodland - Mount Hamilton	3	211	4	207	43,411	7,731
Warm Grasslands - Mount Hamilton	3	133	0	133	69,129	29,227
Moderate Grasslands - Mount Hamilton	3	37	0	37	11,538	-
Mixed Montane Chaparral - Mount Hamilton	3	22	0	22	17,369	11,402
		1,069	13	1,056		

Fine Filter Targets:

CONSERVATION TARGET - POINTS	RARITY RANK	SELECTED AREA			LANDSCAPE UNIT	
		TOTAL AMOUNT	PROTECTED AMOUNT	AMOUNT TOWARD LANDSCAPE UNIT GOAL	LANDSCAPE UNIT GOAL	AMOUNT TO MEET GOALS
Pond - Mount Hamilton	3	1	0	1	941	483
		1	0	1		



**BAY AREA
OPEN SPACE
COUNCIL**

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Stream Conservation Targets:

4.0 km of Priority 2 Stream

0.90 km of Priority 3 Stream

STREAM NAME	PRIORITY	REGION	WATERSHED	DRAINS	LENGTH	FISH SPECIES*
Smith Creek	2	Alameda Creek Watershed	Alameda Creek	San Francisco Bay	0.2 km	California roach, Sacramento sucker, rainbow trout (LL)
Sulphur Creek	2	Alameda Creek Watershed	Alameda Creek	San Francisco Bay	3.8 km	rainbow trout (LL)

* Some non-fish species listed

* (A) = anadromous, (R) = resident, (A,R) = both (LL) = land locked

Critical Linkages, Bay Area and Beyond

Detailed information on linkages will be available in this report in 2011. See <http://bayarealands.org/next-steps/linkages.php> for more information on the project.

Important Note

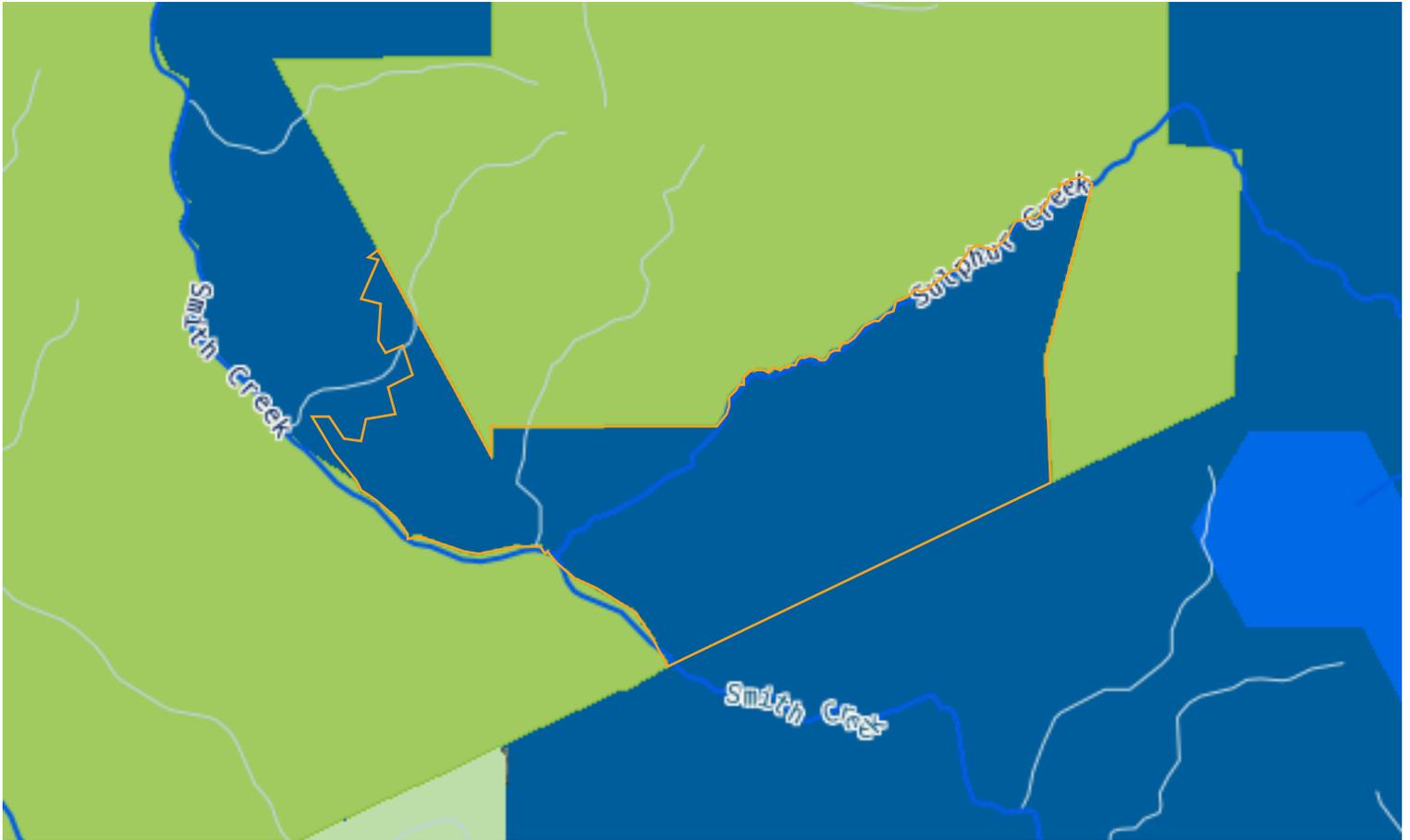
Users of the Conservation Lands Network Explorer are strongly encouraged to verify the information provided in this report with site visits and biological surveys.



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Conservation Lands Network

Areas chosen 0-10 times not displayed

- Areas Essential to Conservation Goals
Planning units chosen 16 or more times out of 20 runs
- Areas Important to Conservation Goals
Planning units chosen 11-15 times out of 20 runs
- Portion of the CLN that is Fragmented
- Areas for Further Consideration (AFC)

Stream Conservation Targets

- Priority 1 Streams
- Priority 2 Streams

Protected Lands

- Open to the public
- Permit required
- Lake, pond or tidal