



# 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:

### Sierra Azul

#### Defined Area Size:

479 Acres, 193 Hectares

#### Conservation Lands Network Category:

Areas Essential to the Conservation Goals: 477 acres

#### Converted Lands:

Rural residential acres: 3

## Conservation Suitability:

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

## Protected Land Within Selected Area:

None - 0.0 km to closest protected area

## Nitrogen Deposition:

7.4 Kg/H/Yr (High)

## Climate Index Averages:

January Min Temp - - deg. C

July Max Temp - 28-29 deg. C

Annual Precipitation - 609-698 mm/year

Cloud Cover - 21% of days Jul to Sept 2000-2006, cover at 10:30am

## Elevation (derived from a 10m DEM):

Range = 119 - 368 meters      Mean = 245 meters

## % Slope (derived from a 10m DEM):

Range = 0 - 83 %      Mean = 38 %

## 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
Serpentine Hardwoods - Sierra Azul	1	42	0	42	2,125	1,267
Montane Hardwoods - Sierra Azul	2	229	0	229	7,540	6,315
Coast Live Oak Forest / Woodland - Sierra Azul	3	205	0	205	13,000	5,403
Cultivated - Sierra Azul	4	2	0	2	0	-
		478	0	478		

### Fine Filter Targets:

CONSERVATION TARGET - AREAS	RARITY RANK	SELECTED AREA			LANDSCAPE UNIT	
		TOTAL ACREAGE	PROTECTED ACREAGE	ACREAGE TOWARD LANDSCAPE UNIT GOAL	LANDSCAPE UNIT GOAL	ACREAGE TO MEET GOALS
smooth lessingia - Sierra Azul ( <i>Lessingia micradenia</i> var. <i>glabrata</i> )	1	3	0	3	190	71
		3	0	3		

### Stream Conservation Targets:

0.1 km of Priority 2 Stream

0.70 km of Priority 3 Stream

STREAM NAME	PRIORITY	REGION	WATERSHED	DRAINS	LENGTH	FISH SPECIES*
Little Arthur Creek	2	Pajaro River Watershed	Santa Cruz Mountains	Pajaro River	0.1 km	rainbow trout (A)

\* Some non-fish species listed

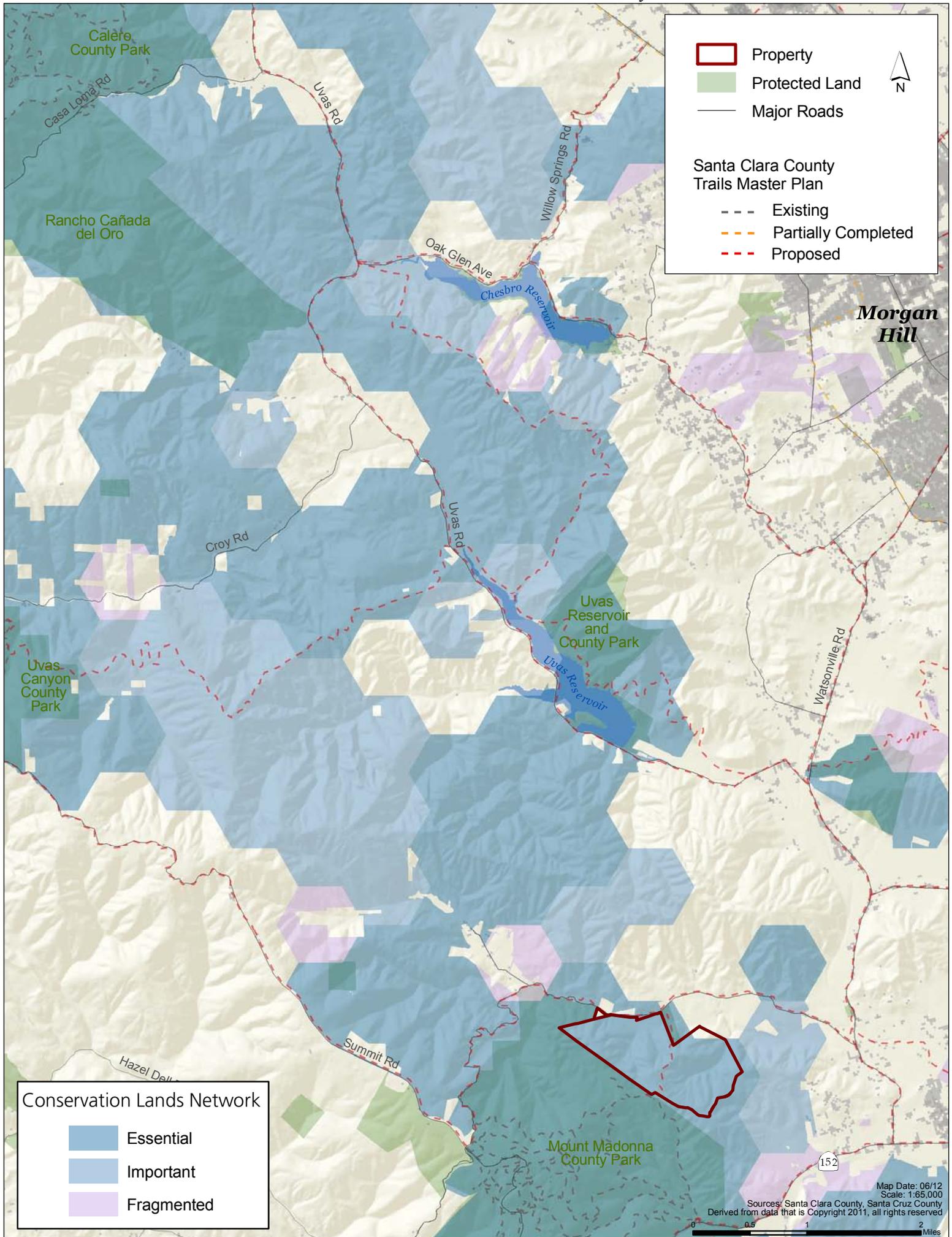
\* (A) = anadromous, (R) = resident, (A,R) = both (LL) = land locked

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- Property
- Protected Land
- Major Roads



**Santa Clara County  
Trails Master Plan**

- Existing
- Partially Completed
- Proposed

**Morgan Hill**

**Conservation Lands Network**

- Essential
- Important
- Fragmented

Map Date: 06/12  
 Scale: 1:65,000  
 Sources: Santa Clara County, Santa Cruz County  
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