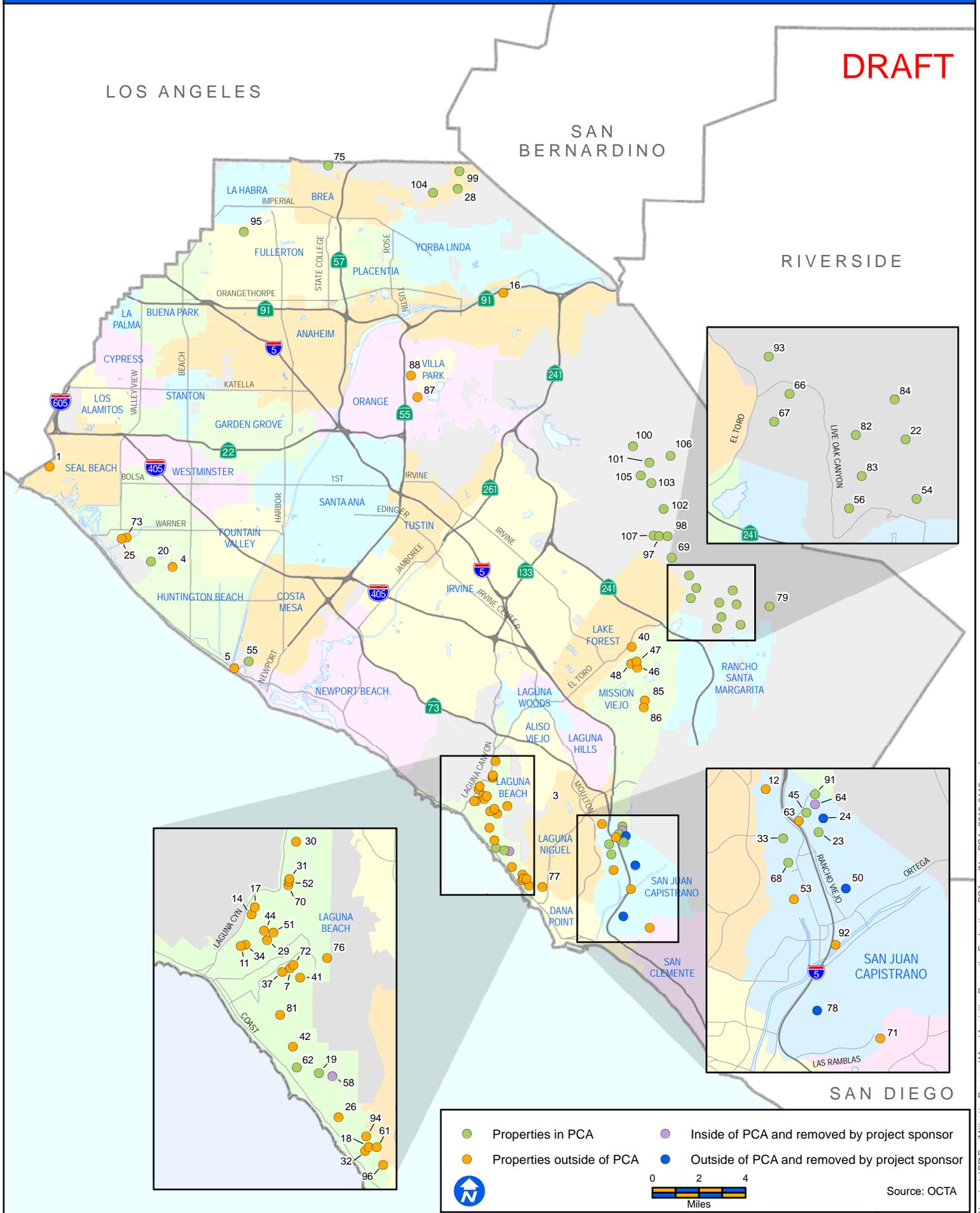
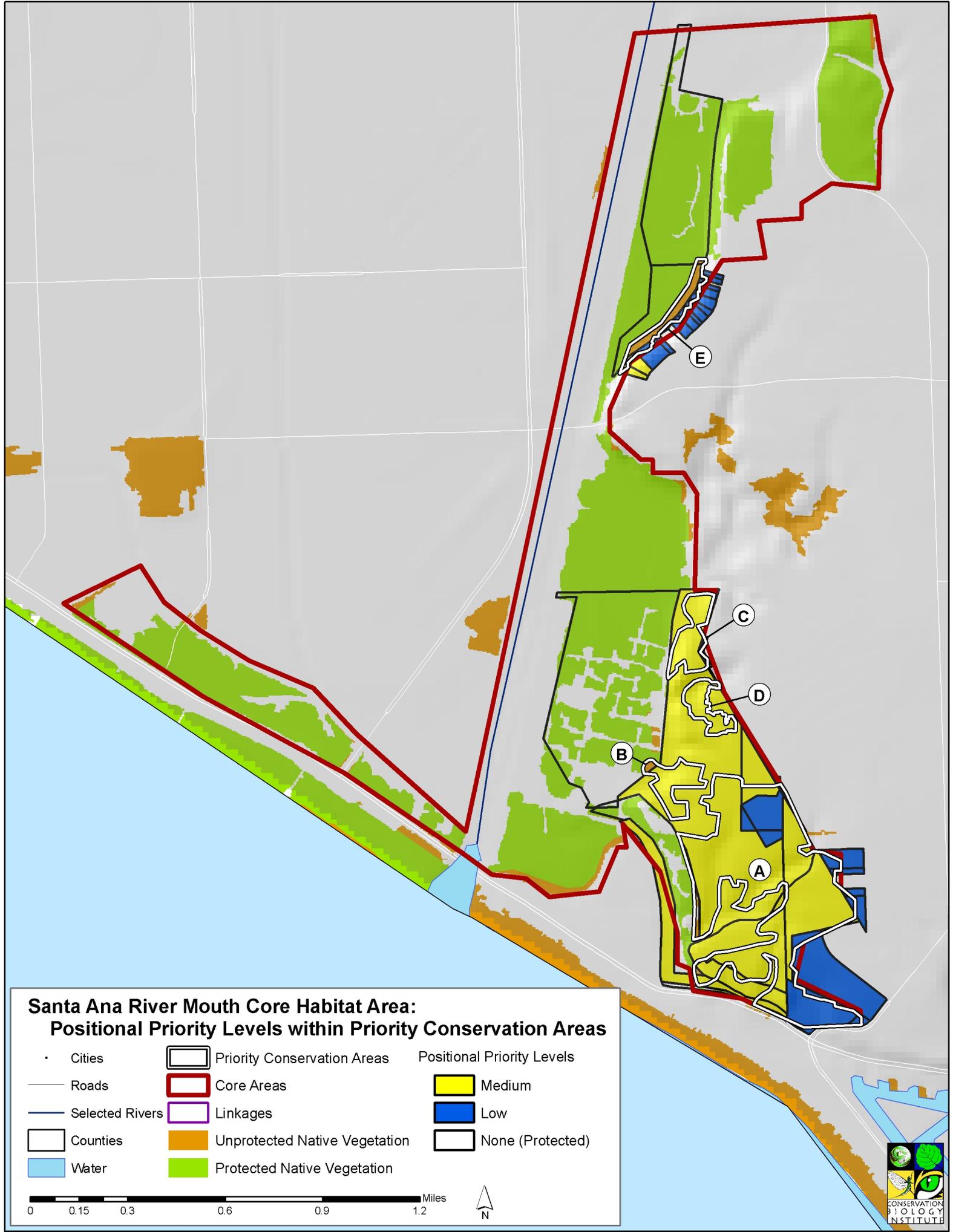


Acquisition Properties Evaluation (PCA and Non-PCA)



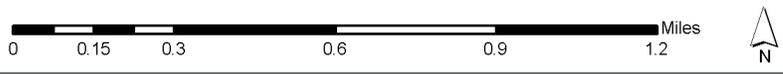
DRAFT





**Santa Ana River Mouth Core Habitat Area:
Positional Priority Levels within Priority Conservation Areas**

- Cities
- Roads
- Selected Rivers
- Counties
- Water
- Priority Conservation Areas
- Core Areas
- Linkages
- Unprotected Native Vegetation
- Protected Native Vegetation
- Positional Priority Levels
- Medium
- Low
- None (Protected)



Acquisition Properties Evaluation (PCA and Non-PCA - Biological Criteria)

Note: Property name with bolded, italicized, and underlined text are recommended for appraisal and/or acquisition consideration. Canyon Crest will be under consideration if deemed willing seller. Newport-Banning Ranch and The Hafen Estates both have recent appraisals and are recommended to be included in this subgroup for acquisition consideration. The remaining Group 1 properties will be appraised at a later date if a considerable number of properties are removed from contention.

Property Number	Acquisition/ Restoration	Property *	Geographic Area	Acreage	GROUP 1: high quality habitat, heterogeneous habitat, larger sized properties, aligns with impacted habitats, contains covered species
99	Acquisition	<u>Canyon Crest**</u>	Chino Hills State Park	352.92	
22	Acquisition	<u>Ferber Ranch**</u>	Trabuco	444	
101	Acquisition	First Cornerstone Land LLC (Silverado Canyon LP)	Cleveland Nat'l Forest	229.13	
28	Acquisition	<u>Havashi**</u>	Brea	298	
103	Acquisition	<u>Holtz Ranch (CCRC Farms LLC)**</u>	Cleveland Nat'l Forest	289.91	
105	Acquisition	MacPherson	Cleveland Nat'l Forest	216.68	
54	Acquisition	<u>Mitchell Properties West**</u>	Trabuco	101.7	
55	Acquisition	<u>Newport-Banning Ranch**</u>	Coastal	402	
56	Acquisition	<u>O'Neill Oaks**</u>	Trabuco	149.9	
66	Acquisition	<u>Saddle Creek South**</u>	Trabuco	85.97	
67	Acquisition	Saddleback Meadows	Trabuco	222	
68	Acquisition	<u>Saddleback Valley Christian School**</u>	San Juan Capistrano	67.93	
75	Acquisition	<u>Shell-Aera (HOSEC)**</u>	Tonner Canyon	2935	
77	Acquisition	Siena Summit	Laguna Beach	54	
79	Acquisition	Sky Ranch	Trabuco	526.87	
106	Acquisition	<u>Takahashi (Baker Square LLC)**</u>	Cleveland Nat'l Forest	872.85	
82	Acquisition	<u>The Hafen Estates**</u>	Trabuco	49	
93	Acquisition	<u>Watson**</u>	Trabuco	98.32	
95	Acquisition	<u>West Coyote Hills**</u>	Fullerton	510	

Acquisition Properties Evaluation (PCA and Non-PCA - Biological Criteria)

Property Number	Acquisition/ Restoration	Property *	Geographic Area	Acreage	GROUP 2: good quality habitat, homogeneous habitat, medium sized properties, contain some covered species
97	Acquisition	Adams	Cleveland Nat'l Forest	50.13	
98	Acquisition	Baczynski	Cleveland Nat'l Forest	71.68	
16	Acquisition	Deer Canyon	SR-91	45	
100	Acquisition	Dulac (LOPEZ)	Cleveland Nat'l Forest	56.1	
102	Acquisition	Gittelson (Bergman)	Cleveland Nat'l Forest	223.31	
104	Acquisition	Inter-American Investments	Chino Hills State Park	123.86	
54	Acquisition	Mitchell Properties East	Trabuco	40	
69	Acquisition	Saddleback Vineyards	Trabuco	99.29	
83	Acquisition	Thier Property 1	Trabuco	78.6	
84	Acquisition	Thier Property 2	Trabuco	19.9	

Acquisition Properties Evaluation (PCA and Non-PCA - Biological Criteria)

Property Number	Acquisition/ Restoration	Property *	Geographic Area	Acreage
1	Acquisition	100-Acre Lowlands (aka Hellman Properties LLC)		100
7	Acquisition	Cheyne		7.48
14	Acquisition	Davis		6
17	Acquisition	Diemer		9
18	Acquisition	Domanskis		10
20	Acquisition	Edwards Thumb		59.75
23	Acquisition	Frost		60
25	Acquisition	Goodell		6.22
29	Acquisition	Heiderali		38
32	Acquisition	Hospital		7.8
33	Acquisition	Hsiao Williams		73.3
34	Acquisition	Hunter		10
37	Acquisition	Juarez		7.65
41	Acquisition	Lavendar Lane (aka Lag Beach Preserve, Anacapa)		56
42	Acquisition	Leckey		18
45	Acquisition	Lorch		16.54
53	Acquisition	Mehdi		22
62	Acquisition	Powell		2.66
63	Acquisition	Rosenbaum		2.4
71	Acquisition	San Juan Villas		9.21
73	Acquisition	Shea (Bolsa Chica)		50
76	Acquisition	Shuff		18
107	Acquisition	Valencia		8.49
91	Acquisition	Van Thof		13.14
92	Acquisition	Ventanas		5.3
94	Acquisition	Wells Fargo/Earhar		12.3

GROUP 3: lower quality habitat, smaller properties, highly disturbed

Acquisition Properties Evaluation (PCA and Non-PCA - Biological Criteria)

Property Number	Acquisition/ Restoration	Property *	Geographic Area	Acreage
4	Acquisition	Baca Park		14.34
5	Acquisition	Beach and Bay Mobile Homes		2.85
11	Acquisition	Collen		2
12	Acquisition	Crystal Cathedral		162.3
26	Acquisition	Harden		1
30	Acquisition	Hollingsworth		5
31	Acquisition	Holocek		2
40	Acquisition	Lake Forest		16. 8, 10.9,13.7
44	Acquisition	Little Church Int'l		1.5
46	Acquisition	Los Alisos Parcel 1		20.41
47	Acquisition	Los Alisos Parcel 2		48.73
48	Acquisition	Los Alisos Parcel 3		7.1
51	Acquisition	Mazzie		3
52	Acquisition	McGraw		2
61	Acquisition	Peric		5
70	Acquisition	Salinas		4
72	Acquisition	Schroeder		5.02
81	Acquisition	Summit Drive		0.12
85	Acquisition	Trail Property 1		20.05
86	Acquisition	Trail Property 2		15.27
87	Acquisition	Tustin Branch (Middle)		11.48
88	Acquisition	Tustin Branch (North)		2 linear miles
96	Acquisition	Winner		2.14

GROUP 4: typically very small habitat, highly disturbed, some do not align with freeway habitats

Acquisition Properties Evaluation (PCA and Non-PCA - Biological Criteria)

Property Number	Acquisition/ Restoration	Property *	Geographic Area	Acreage	SEE LEGEND
19	Restoration	Driftwood Restoration ***		20	
24	Acquisition	Goeden Co.		4.3	
50	Acquisition	Lyon Homes		14.28	
58	Acquisition	Pacific Triangle Management		96	
64	Acquisition	Royale Capistrano		25	
78	Acquisition	SJD Properties		12.32	

LEGEND

* Properties are in alphabetical order within each group

** Recommended for proceeding with appraisal process and/or for acquisition consideration.

*** Will be evaluated as part of Restoration Properties

	Properties in PCA
	Properties outside of PCA
	In PCA and Removed by Project Sponsor
	Outside of PCA and Removed by Project Sponsor



APPENDIX A

DATA SOURCES



Appendix A Data Sources

The existing Geographic Information System (GIS) database for Orange County was updated with data provided by OCTA, as well as other publicly available sources. Table A-1 lists the existing GIS datasets used in the Conservation Assessment. Table A-2 lists data sources used to update CBI's Protected Areas Database (PAD). The USDA Forest Service Existing Vegetation (EVeg) dataset was selectively updated using 2008 aerial photography and parcel-specific information to incorporate additional information or reflect recent on-the-ground changes. Because the focus of the vegetation updates was on sizeable areas of change, it is probable that smaller areas of change have occurred which are not reflected in the vegetation dataset. These datasets were used to create a variety of data layers used in the conservation analyses, including:

- Vegetation and Land Cover
- Special Status Species
- Hydrography
- Roads Network
- Public and Protected Lands
- Selected Parcel Data for Orange County

In addition to GIS data, pertinent non-digital information was assembled and reviewed, and local biologists were interviewed to obtain supplemental information on the distribution and status of sensitive plant and animal species in specific areas, and on wildlife corridors. Non-digital data used in this study is cited in the Reference section of the report.



Table A-1
Existing Datasets

Name	Data Type	Scale	Date	Source
U.S. and Canada Detailed Streets	Line	1:100,000	April 1, 2008	Tele Atlas North America, Inc., ESRI
Ecological Subregions	Polygon	1:500,000 – 1:1,000,000	2007	USDA Forest Service
California Protected Areas (CPAD)	Polygon	1:24,000 and finer	2008	GreenInfo Network
Protected Areas Database	Polygon	1:24,000 – 1:100,000	2008	Conservation Biology Institute
National Land Cover (NLCD) Dataset	Raster	30m	2001	Multi-Resolution Land Characteristics (MRLC) Consortium
NLCD Imperviousness	Raster	30m	2001	MRLC
Land Cover Mapping and Monitoring Vegetation Data (E Veg and WHR)	Polygon	2.5 acre minimum mapping unit	2005	California Department of Forestry and Fire Protection
National Hydrography Dataset Area	Polygon	1:100,000	2005	U.S. Environmental Protection Agency (EPA) and U.S. Geological Survey (USGS)
National Hydrography Dataset Flowline	Line	1:100,000	2005	EPA and USGS
National Hydrography Dataset Waterbody	Polygon	1:100,000	2005	EPA and USGS
National Wetlands Inventory	Polygon	1:24,000 – 1:25,000	January 2009	U.S. Fish and Wildlife Service (USFWS)
California Natural Diversity Database (CNDDB)	Polygon	Varies	March 3, 2009	California Department of Fish and Game – Biogeographic Data Branch
Critical Habitat: Amphibians	Polygon	Varies	2006	USFWS, compiled by CBI
Critical Habitat: Birds	Polygon	Varies	2007	USFWS, compiled by CBI
Critical Habitat: Fish	Polygon	Varies	2000	USFWS, compiled by CBI
Critical Habitat: Fish	Line	Varies	2007	USFWS, compiled by CBI
Critical Habitat: Invertebrates	Polygon	Varies	2007	USFWS, compiled by CBI
Critical Habitat: Plants	Polygon	Varies	Unknown	USFWS, compiled by CBI



Table A-2
Data Sources for Protected Areas Dataset Updates

Data Sources
City of Anaheim Open Space
City of Brea Landuse General Plan
Green Visions Map
Irvine Ranch Conservancy
Irvine 2009
Laguna Niguel Zoning Map
Lake Forest (Landuse)
NCCP Reserve Design
Nature Reserve of Orange County (NROC)
Orange County (OC) Water District Data
Orange County Open Space Parks (OSParks042709)
Orange County Parcel Data
Puente Hills Habitat Authority (preserve boundary)
Rancho Mission Viejo
San Clemente (parcel data)
San Juan Capistrano open space
Additional parcel/protected areas data (M. Schlotterbeck)



APPENDIX B

DATA DOCUMENTATION



Appendix B Data Documentation

Appendix B provides details of the Geographic Information System (GIS) process for data input, analysis, and output.

Data Preparation

All data was extracted from its original source, projected into the same working coordinate system (NAD 1983 Albers), and clipped to the focal area (Orange County and surrounding counties)

Protected Areas Updates

A number of additions were made to CBI's Protected Areas Database (or PAD); data sources used to update the PAD are listed under Input Data, below.

- Input Data
 - CBI Protected Areas Database (PAD), California
 - City of Anaheim Open Space
 - City of Brea Landuse General Plan
 - Green Visions map
 - Irvine Ranch Conservancy
 - Irvine2009
 - Laguna Niguel Zoning Map
 - Lake Forest (Landuse)
 - NCCP Reserve Design
 - Nature Reserve of Orange County (NROC)
 - Orange County (OC) Water District Data
 - Orange County Open Space Parks (OSParks042709)
 - Orange County Parcel Data
 - Puente Hills Habitat Authority (preserve boundary)
 - Rancho Mission Viejo
 - San Clemente (parcel data)
 - San Juan Capistrano Open Space
 - Additional parcel/protected areas data (M. Schlotterbeck)
- Output
 - Datasets
 - Name: PAD_UpdateII dataset
 - Updated PAD for Orange County
 - Documents and Maps
 - Resulting PAD maps and spreadsheets



- Methods
 - Used input data to add additional area and edit existing protected areas in the CBI Protected Areas Database
 - Followed general PAD update method, updating attribute fields with specific information only when data is abundantly clear or provided. (much of the additional data is marked as “unknown” and protected)

Vegetation Updates

Updates to the vegetation dataset were limited in scope and focused primarily on relatively large blocks of habitat that had been recently developed or cleared so that they no longer supported native vegetation. These areas were updated in the EVeg dataset prior to analyses by editing data attributes. Areas of concern were identified via aerial photography and/or information provided for specific parcels. Because the focus of these updates was on sizeable areas of change, it is probable that smaller areas of change have occurred which are not reflected in the vegetation dataset.

- Output
 - Documents and Maps
 - (Resulting vegetation maps and spreadsheets)
 - Datasets
 - Updated Vegetation Dataset

Conservation Values

Landscape Integrity

- Input Data
 - ESRI Streetmap: U.S. and Canada detailed streets
 - National Land Cover dataset (NLCD)
 - EVeg dataset
- Output
 - Documents and Maps
 - Integrity110309.jpg
 - Integrity_Area_110509.xls
 - Datasets
 - Landscape Grid
 - Raster dataset of final landcover and scores
 - Integrity Grid
 - Raster dataset of averaged integrity scores
- Methods
 - Created raster dataset of complete landcover



- Buffered Roads from ESRI Streetmap
 - Primary highway buffer: 45m (90m total width)
 - Primary/secondary road: 30m (60m)
 - Local roads (15m)
 - Access ramps, service roads, special features (30m)
- Vegetation Data
 - Converted EVeg data from polygon to raster
 - Where EVeg data showed developed/urban land (urban/developed, urban-related bare soil, urban/industrial Impoundment), NLCD data was entered
 - Where the input NLCD data showed natural land cover, we re-entered the original EVeg developed data
- Landscape Layer
 - Overlaid the buffered road data into the vegetation data to create a dataset identifying land cover in the focal area
 - Each category in this dataset was given a score (see LandscapeIntegrity_final_scores100909.xls)
 - Resulted in a landscape grid (raster dataset) of 30m x 30m cells, each identifying landcover type and landcover score
- Calculated Integrity
 - Each cell was given a final integrity score by averaging the scores of all the cells in a grid 19 cells by 19 cells surrounding the focal cell; this approximates an 80 acre area

Vegetation Representation (GAP Analysis)

- Input Data
 - EVeg dataset (updated)
 - PAD
- Output
 - Datasets
 - Native vegetation
 - Protected native vegetation
 - Unprotected native vegetation
 - Developed native vegetation
 - Documents/maps:
 - GAP_Analysis100909.xls
 - GAP_Analysis_Core_Areas_Linkages110309.jpg
 - NativeVegetation100909.jpg
 - Protected_Unprotected_native_veg_noCore_100609.xls
- Methods
 - Select native vegetation
 - Clip native vegetation by protected areas, unprotected areas (also to County boundaries)



- Calculate areas of native vegetation in each category, and summarize by vegetation type

Special Status Species

- Lists filtered species found in protected and unprotected areas in each Core Habitat Area
- Input Data
 - California Natural Diversity Database (CNDDDB) data
 - U.S. Fish and Wildlife Service Critical Habitat data
- Output (including maps)
 - CorePatch_ProtectedSpp102009.xls
 - Sensitive_Plants061709.jpg
 - Sensitive_Inverts061709.jpg
 - Sensitive_Fish061809.jpg
 - Sensitive_Herps061709.jpg
 - Sensitive_Birds061809.jpg
 - Sensitive_Mammals061709.jpg
- Methods
 - Core areas were clipped into two complimentary features: protected core area within Orange County, and unprotected core area within Orange County
 - Filtered species were selected from all species data, and clipped to these protected and unprotected areas within each core habitat area
 - Filtered species identified in the separate protected and unprotected portions of each core area, and were then compiled and listed

Core Habitat Patches

- Description
 - Creates and identifies discrete native vegetation patches in focal area, and within protected and unprotected areas
- Input Data
 - PAD
 - Landscape layer from integrity analysis
- Output
 - Total, protected, and unprotected native vegetation patches
 - Products:
 - Used:
 - Discrete_NV_Patches_Size_100809.jpg
 - Unused
 - Discrete_NV_Patches_size_100809.jpg



- Methods
 - Extract native vegetation from landscape layer
 - Use Region Group tool to identify contiguous, discrete patches of native vegetation
 - Clip by county, protected, and unprotected areas
 - Calculate areas in each

Connectivity

The connectivity analysis identified linkages between core habitat areas.

- Output
 - Datasets
 - Linkages
 - Cores
 - Documents and Maps
 - CoreLinkageLandscape111109.jpg
 - LinkageLandscape111309.jpg
- Methods
 - Linkages were manually drawn, based on aerial imagery, native vegetation, protected areas, and core area boundaries

Buffers

- Input Data
 - Landscape integrity layer
- Output
 - Potential_Linkage_Buffer_Areas111209.jpg
- Methods
 - Buffers were an extension of the Landscape Integrity Analysis – we simply identified areas with medium landscape integrity

Parcel Prioritization

- Edge Analysis
 - Input Data
 - Parcel Data
 - Core Units
 - Con_Eveg3
 - This layer was created for the integrity analysis, and is the EVeg data updated with NLCD data in developed areas
 - Roads:



- A1 + 45m boundary
 - A2, A3 + 30m boundary
 - Output
 - Datasets
 - Buffered Edge Dataset
 - Documents and Maps
 - Edge_area_compare102609.jpg
 - Edge_Parcels_updt102609.jpg
 - Methods
 - Roads were buffered (A1 by 500m, A2/3 by 300m)
 - Areas classified as any level of developed or urban were extracted from the vegetation dataset, and buffered by 500m
 - Two small buffered developed areas were removed manually to better reflect on-the-ground conditions (barren areas not related to development)
 - These datasets were merged to create a single “edge” dataset
 - Parcels that intersected the edge dataset were identified and labeled as such
- Protected Area Adjacency
 - Input Data
 - PAD Update
 - Parcels
 - Output
 - Methods
 - Protected Area Adjacency
 - Add fields: PAD_Stat (text).
 - Adjacent
 - Select by location: parcels that are crossed by the boundary of protected areas
 - Protected
 - Select by location: parcels that intersect protected areas; unselect areas marked as Adjacent; mark as protected
 - Non-Adjacent
 - Any parcel still unidentified PAD_stat status.
 - Add Fields: Public/Owner_Pr (text)
 - Select by attributes: "OWNER" = 'STATE OF CALIFORNIA' OR "OWNER" = 'UNITED STATES OF AMERICA' OR "OWNER" = 'ORANGE COUNTY HARBORS BEACH & PARKS DISTRICT' OR "OWNER" = 'ORANGE COUNTY HARBORS BEACHES & PARKS DIST' OR "OWNER" = 'ORANGE COUNTY HARBORS BEACHES & PARKS DISTRICT' OR "OWNER" = 'ORANGE COUNTY HARBORS BEACHES AND PARKS' OR "OWNER" = 'COUNTY OF ORANGE' OR "OWNER" = 'UNITED STATES DEPT OF AGRICULTURE'
 - Selected by above, then removed non-protected by hand in Linkages
 - Removed actual non-protected by hand where possible



- Prioritization
 - Output
 - Datasets
 - Parcel data shapefile with updated attribute table
 - Documents and maps
 - Parcel_Tier_Breakdown111209.xls
 - Parcel_Prioritization120209.jpg
 - Add Fields: Tier (Short Integer)
 - Units 1-3
 - Tier 1: High
 - "Edge" = 'Interior' AND "PAD_Stat" = 'Adjacent'
 - Tier 2: Medium
 - "Edge" = 'Interior' AND "PAD_Stat" = 'Non-adjacent'
 - "Edge" = 'Edge' AND "PAD_Stat" = 'Adjacent'
 - Tier 3: Low
 - "Edge" = 'Edge' AND "PAD_Stat" = 'Non-adjacent'
 - Tier 0
 - All leftover: should be PAD_Stat = Protected only.
 - Tier 4
 - Tier 1 with “Public” entry
 - Tier 5
 - Tier 2 with “Public” entry
 - Tier 6
 - Tier 3 with “Public” entry
 - Units 4-5
 - Tier 1: Medium
 - Adjacent to PAD
 - OR (linkages only): Adjacent to Core Area
 - Tier 2: Low
 - Not adjacent to PAD

Priority Conservation Areas

- Input Data
 - Drawing PCAs
 - Input from PGR
 - Making PCA maps/tables
 - EVeg
 - Parcel Data updated from Prioritization
- Output
 - Datasets
 - PCA dataset
 - Documents and Maps
 - PCA_ParcelsMMDDYY.xls



- Attributes of parcels within PCAs
- PCA_VegetationMMDDYY.xls
 - Area (acres) of each partially aggregated category in each individual PCA
- Maps
 - For each core habitat area and linkage included in this analysis:
 - XXX_PCA_PADNVmmddy.jpg: map showing entire core habitat area, with PCAs outlined and protected/unprotected native vegetation shown
 - XXX_PCA_ParcelsMMDDYY.jpg: map zoomed in on PCAs, showing overlapping parcels and their tier scores
- Methods
 - Create PCA boundaries based on biologist input
 - Calculate vegetation acreage within boundaries
 - Aggregate vegetation (\Worknotes\PCAsPartially aggregated categories.xls; done once as attribute field in EVeg2_RecentlyDevUpdt_091509. (PartAggCat)
 - Export to PCA_VegParcelAnalysis.xls
 - Identify parcels that intersect PCA
 - Create PCA_ID field in Core Group Parcel Data, insert PCA number
 - Manually remove parcels that are not within, or mostly within, PCA boundaries
 - Export to PCA_ParcelsMMDDYY.xls
 - Identify number of filtered species that are contained within PCA boundaries
 - See PCA Analysis model
 - From frequency calculation, hand-input tally of # of species in each PCA. (Field: FiltSpp_Fr)
 - Be careful of duplicate species!
 - Maps
 - Label PCAs with capital letters
 - PCA boundaries – white with black outline
 - Map 1: Protected/Unprotected Native Vegetation
 - (like CH_Blowup_PADNV)
 - Map 2: Boundaries and Positional Priority Levels
 - (like PCA Parcels) – create layer of PCA parcels by selecting those with PCA_ID #s
 - Map 3: The white PCA boundaries on the vegetation layer
 - native vegetation in blue
 - area-specific under-protected vegetation types in other colors



APPENDIX C

CONSERVATION ASSESSMENT PROCESS



Appendix C Conservation Assessment Process

Conservation Values

Using accepted conservation principles as a foundation, various data layers were used to map the distribution of selected conservation values across Orange County. The following section describes each analysis; refer to Appendix B for details on the GIS modeling processes, including data input, methods, and output.

Landscape Integrity

Landscape integrity measures the level of disturbance of natural habitats from development and roads. Landscape integrity was modeled based on road class and the magnitude and reversibility of negative effects associated with specific land uses. For example, urban land uses generally have greater negative effects on biological resources and are less reversible than agricultural uses and thus, received a lower score in the model. Likewise, row crops received a lower score than orchards, because they tend to have less value for wildlife species as a result of greater frequency and intensity of human disturbance.

The updated land cover and road network data were used to assess the level of conversion and fragmentation of natural vegetation across Orange County. Each input in the landscape integrity model (roads, land cover) was re-classed on a common scale from 1 to 5. Areas with highest integrity equal 5, and areas with lowest integrity equal 0. The model assumes that roads have a greater influence on integrity; thus, roads are the overriding factor where they occur. Therefore, if a cell was identified as a road/road buffer and vegetation, the road value took precedence.

Both National Land Cover Data (NLCD) and EVeg data were used to create a complete land cover layer. Where EVeg data showed developed/urban land, NLCD data was entered. Where the NLCD data showed natural land cover, the original EVeg developed data was re-entered. The result was a land cover database that consisted of 103 classes. Each class was assigned a score from 5 (natural) to 0 (most converted) (Table C-1).

ESRI Streetmap data was used to create a roads network cover layer. The result was a roads network database that consisted of 5 classes. Each class was assigned a score from 1 (highest integrity) to 0 (lowest integrity) as outlined in Table C-2.

Buffers were incorporated around each road to account for road impacts into adjacent habitat; buffer width is contingent upon road type. Buffer distances are as follows:



Table C-1
Land Cover Integrity Scores

Land Use/Land Cover Type ¹	CBI Score
Barren	0
Beach Sand	3
Chaparral	5
Coniferous Forest	5
Dunes	5
Grassland	5
Riparian	5
Scrub	5
Wet Meadows/Marsh	5
Woodland	5
Open Water (lakes, ponds, etc.)	4
Eucalyptus	1
Tamarisk	1
Agriculture – Flooded Row Crop	1
Agriculture – General	1
Agriculture – Orchard, Vineyards	1
Agriculture – Pastures and Crop	2
Agriculture – Pond or Water feature	1
Nurseries	0
Tilled Earth	0
Developed – Low Intensity	1
Developed – Medium Intensity, High Intensity	0
Developed – Open Space	1
Nonnative – Invasive Forb	1
Nonnative – Invasive Grass	4
Nonnative – Ornamental Conifer	1
Non-native – Ornamental Conifer/Hardwood	1
Non-native – Ornamental Grass	0
Non-native – Ornamental Hardwood	1
Non-native – Ornamental Shrub	0
Urban or Industrial Impoundment	0
Urban/Developed Land	0
Urban-related Bare Soil	0
Water (industrial areas)	1

¹ A number of land cover types are aggregated into broad categories, i.e., many of the categories include a finer level of detail; unless specifically noted, detailed land cover types have the same score as the aggregated type.



Table C-2
Roads Network Integrity Scores

Road Type	CBI Score
Primary Highway	0
Primary/Secondary Road	0
Local Road	0
Access Ramps, Service Roads, Special Features	0

- Primary Highway buffer: 45 meters (m) (90 m total width)
- Primary/Secondary road buffer: 30 m (60 m total width)
- Local Roads buffer: 15 m (30 m total width)
- Access ramps, service roads, special features buffer: 30 m (60 m total width)

The compiled vegetation data were converted from a polygon to a raster dataset. The landscape layer was created by overlaying the buffered road data onto the vegetation data to create a dataset identifying land cover in the focal area. Each land cover type in this dataset was assigned a score (Tables C-1 and C-2). This resulted in a Landscape Grid (raster dataset) of 30m x 30m cells, each identifying land cover type and land cover score.

Landscape integrity was calculated as follows: each cell was given a final integrity score by averaging the scores of all the cells in a grid 19 cells x 19 cells surrounding the focal cell; this approximates an 80-acre area.

Figure C-1 depicts results of the landscape integrity analysis. Table C-3 presents the acreage and percentage of lands within the County according to integrity score class. Very low integrity lands—or highly urbanized areas—comprise nearly 50% of the County, while high and very high integrity lands account for nearly 190,000 acres, or 37% of the landscape, and correlate closely with remaining natural lands in the County. The pattern of urban development in Orange County has resulted in isolated or nearly isolated habitat patches along the coast and larger, more contiguous patches inland. Nonetheless, even relatively intact inland areas are becoming increasingly degraded and fragmented by roads and the encroachment of urban centers. The integrity analysis is important in detecting large blocks of intact (or relatively intact) habitat.

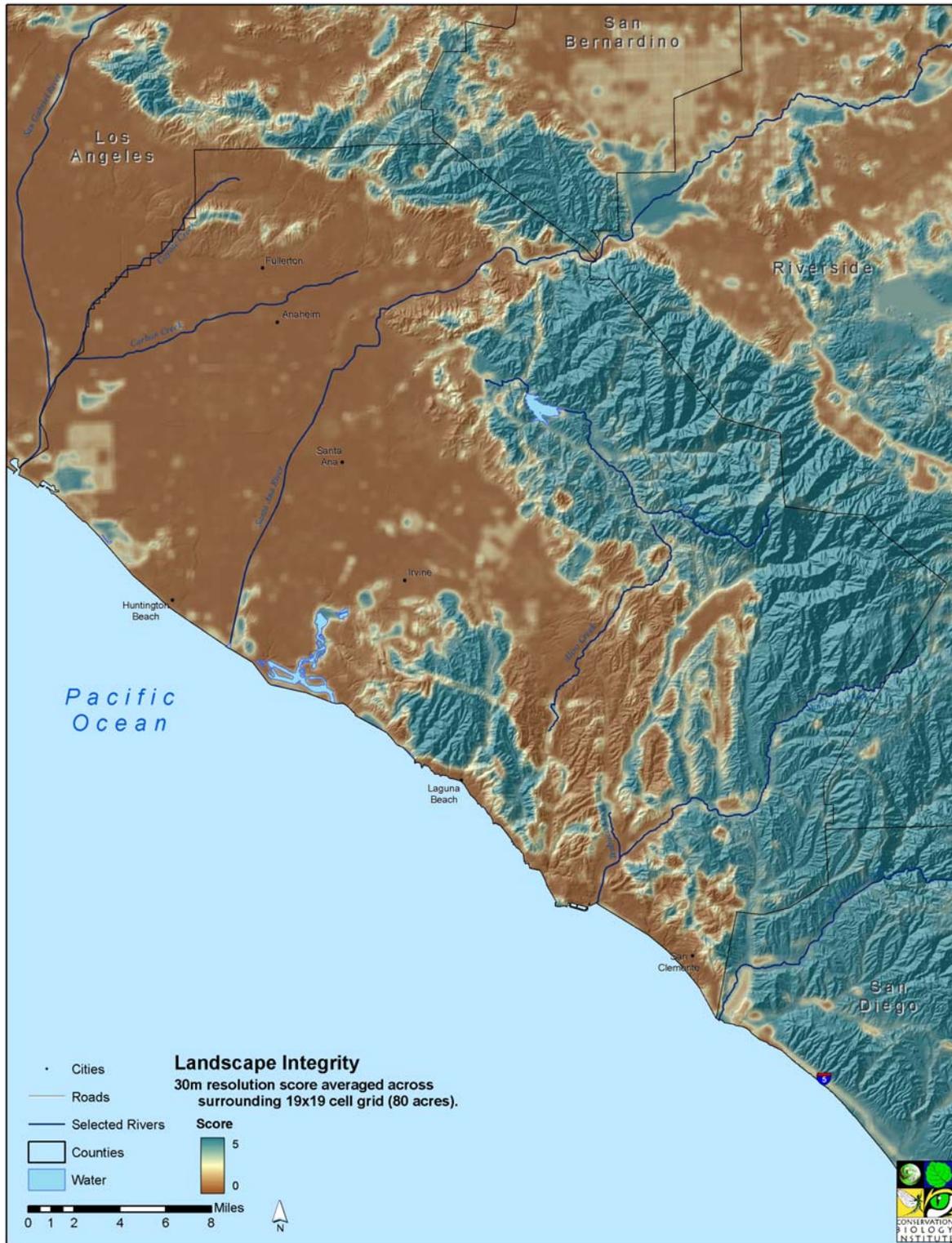


Figure C-1. Landscape Integrity of Orange County.



Table C-3
Landscape Integrity

Category	Score Class	Area ¹	
		(acres)	(%)
Very High Integrity	4-5	161,882	32
High Integrity	3-4	28,048	5
Moderate Integrity	2-3	28,506	6
Low Integrity	1-2	42,282	8
Very Low Integrity	0-1	250,760	49
Total, County	---	511,478	100

¹ Acres = acres of land within Orange County that fall within the specified integrity level; % = percentage of land within Orange County that fall within the specified integrity level.

Vegetation Representation

Vegetation representation measures the level of habitat diversity currently protected across the County, in particular rare or sensitive vegetation communities such as Tecate cypress forest, oak and walnut woodlands, coastal sage scrub, native grasslands, and wetlands. Prior to the analysis, the vegetation data layer was selectively updated to reflect recent development, focusing on relatively large areas of recent habitat loss. Likewise, numerous updates were made to CBI's Protected Areas Database (or PAD) to reflect recent additions of significant conservation investments.

This analysis utilized the updated vegetation data layer and PAD to assess representation in existing protected areas and in unprotected natural lands. To calculate vegetation representation, native vegetation was clipped first by Orange County boundaries, and then by protected areas and unprotected areas, as determined by the updated PAD. The acreage of native vegetation in each category was calculated, and the output by vegetation type was summarized.

Figure C-2 depicts existing vegetation communities in Orange County; acreage of each vegetation community is listed in Table C-4. An overlay of the PAD on the vegetation data layer was used to calculate vegetation representation in protected versus unprotected natural lands in the County (Figure C-3, Table C-4). Results of this analysis also highlight under-protected communities—or gaps in protection—across the region.

Overall, the level of protection of vegetation communities in the County is relatively high, at 79%. Protection levels are greatest at the higher elevations, as in the Cleveland National Forest



Figure C-2. Vegetation Communities in Orange County.



Table C-4
Vegetation Representation in Orange County¹

Natural Vegetation	Total, Vegetation (acres)	Protected		Unprotected	
		(acres)	(%)	(acres)	(%)
Coniferous Forest					
Bigcone Douglas-Fir	1,531	1,531	100	0	0
Coulter Pine	73	70	> 99	3	< 1
Knobcone Pine	63	63	100	0	0
Tecate Cypress	314	314	100	0	0
Total, Coniferous Forest	1,981	1,978	> 99	3	< 1
Woodland					
California Walnut	706	256	36	450	64
Canyon Live Oak	2,058	2,055	> 99	3	< 1
Coast Live Oak	10,576	8,127	77	2,449	23
Coastal Mixed Hardwood	535	223	42	312	58
Interior Mixed Hardwood	1	1	100	0	0
Total, Woodland	13,876	10,662	77	3,214	23
Chaparral					
Ceanothus Mixed Chaparral	2,452	2,190	89	262	11
Chamise	7,941	6,689	84	1,252	16
Lower Montane Mixed Chaparral	57,306	50,115	87	7,191	13
Soft Scrub Mixed Chaparral	6,276	4,908	78	1,368	22
Southern Mixed Chaparral	3	3	100	0	0
Scrub Oak	3,357	2,991	89	366	11
Upper Montane Mixed Chaparral	35	35	100	0	0
Sumac Shrub	5,581	3,994	72	1,586	28
Total, Chaparral	82,951	70,925	86	12,026	14
Scrub					
Buckwheat	1,571	1,495	95	76	5
California Sagebrush	53,838	43,477	81	10,361	19
Coastal Bluff Scrub	375	239	64	136	36
Coastal Cactus	2,731	2,034	74	697	26
Coyote Brush	179	130	73	49	27
Riversidean Alluvial Scrub	731	659	90	71	10
Scalebroom	96	93	97	3	3
Total, Scrub	59,521	48,127	81	11,394	19
Grassland					
Annual Grasses and Forbs	39,797	24,522	62	15,275	38
Perennial Grasses and Forbs	1,934	1,373	71	560	29
Total, Grassland	41,731	25,896	62	15,835	38
Riparian					
Baccharis (Riparian)	320	262	82	58	18
California Sycamore	935	877	94	58	6
Fremont Cottonwood	119	64	53	56	47
Riparian Mixed Hardwood	1,047	681	65	366	35
Riparian Mixed Shrub	489	311	64	178	36



Natural Vegetation	Total, Vegetation (acres)	Protected		Unprotected	
		(acres)	(%)	(acres)	(%)
Willow	743	459	62	283	38
Willow (Shrub)	756	648	86	108	14
Total, Riparian	4,409	3,302	75	1,107	25
Wet Meadow/Marsh					
Pickleweed-Cordgrass	1,882	1,784	95	98	5
Tule-Cattail	318	291	91	28	9
Wet Meadows	35	35	100	0	0
Total, Wet Meadow/Marsh	2,235	2,110	94	125	6
Total	206,704	163,000	79	43,704	21

¹ Numbers may not sum to total due to rounding. Regionally under-protected vegetation communities, representing “gaps” in conservation include:

where protection of coniferous forest is nearly 100%. Implementation of regional planning efforts such as NCCPs/HCPs, private conservation investments, and protection of coastal wetlands has resulted in significant protection for many lowland associations, as well. Nonetheless, a number of vegetation communities appear to be under-protected within the region:

- California walnut woodland (36%)
- Coastal mixed hardwood (42%)
- Fremont cottonwood (53%)
- Willow (62%)
- Annual grasses and forbs (62%)
- Coastal bluff scrub (64%)
- Riparian mixed shrub (64%)
- Riparian mixed hardwood (65%)

Conservation practitioners have derived conservation goals for vegetation communities in different ways with different results. For example goal-setting approaches that use species-area relationships indicate that conservation of 30-40% of a continental area will conserve 80-90% of the species that occur in the area (Groves 2003). The Nature Conservancy has used goals ranging from 20-30% of the historic distributions of conservation targets in ecoregional planning assessments (Nachlinger et al. 2001), and Groves (2003) suggests that conservation goals in the 30-40% range should be adequate to conserve most species in the face of habitat fragmentation.

Based on the degree of habitat loss already incurred in the County, conservation targets should be somewhat higher, particularly for vegetation communities that have suffered extensive habitat losses or are restricted in distribution. For example, an estimated 90-95% of riparian communities have been lost in southern California (Faber et al. 1989). California walnut woodland, a fragmented and declining vegetation community, is now restricted to the foothills of Ventura, Los Angeles, and northern Orange County (Griffen and Critchfield 1972, California

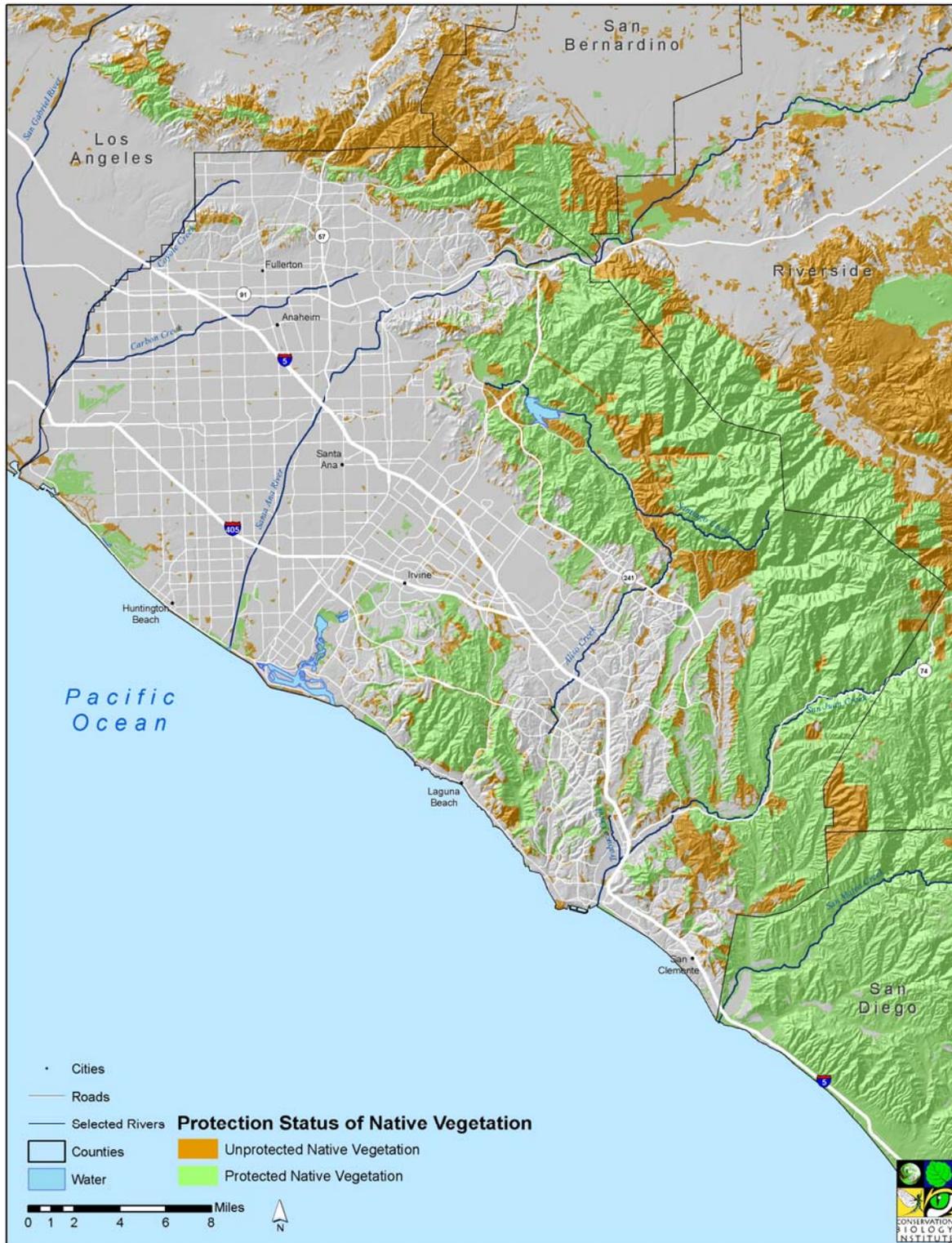


Figure C-3. Protected and Unprotected Natural Lands in Orange County.



Native Plant Society 2009), and remaining remnant groves are considered one of the most endangered forest communities in the United States (Ricketts et al. 1999). Unprotected walnut stands in the Chino Hills are much reduced in extent and threatened by development and road widening projects (Quinn 1989, Ricketts et al. 1999).

Special Status Species

An estimated 116 special status species occur in Orange County, and these range from federally or state endangered and threatened species to species of special concern or ‘watch list’ species (Appendix D). Because regional conservation focuses on those species that are most imperiled or most restricted in distribution, this list of 116 species was ‘filtered’ down to 57 species using the following criteria for inclusion:

- Species listed as threatened or endangered
- Species with a restricted distribution (State ranking of S1)
- Species on OCTA’s NCCP/HCP proposed species list for the Renewed Measure M freeway projects

The list of 57 filtered species includes 17 plants, 10 invertebrates, 5 fish, 1 amphibian, 4 reptiles, 12 birds, and 8 mammals. Distribution or potential for occurrence of these species was assessed from species distribution data, occurrence and patch size of vegetation communities, and integrity and connectivity of habitat patches. Core populations or “strongholds” of key species were identified and are considered important conservation targets.

Figures C-4 through C-9 depict distribution data for filtered species, based largely on CNDDDB and USFWS records. No new data were added to the species database; however, additional information on species’ occurrence and distribution is reflected in Appendix D.

Core Habitat Patches

In keeping with reserve design principles, core habitat patches were identified based primarily on size and distribution using the landscape integrity analysis. An additional consideration was shape, or minimizing the amount of edge habitat. For example, linear patches were not generally considered core habitat patches unless they were contiguous with larger habitat areas. This analysis utilized the PAD and the landscape layer from the integrity analysis. Native vegetation was extracted from the landscape layer, and the Region Group tool was used to identify contiguous, discrete patches of native vegetation. To calculate total, protected, and unprotected native vegetation patches, native vegetation was clipped by County, protected, and unprotected areas, and the areas calculated in each.

Figure C-10 illustrates habitat patch size across the County according to size class. Due to fragmentation, the landscape is dotted with numerous small, isolated patches, particularly in coastal areas. Many of these smaller patches currently support biological resources; however, the objective of this assessment was to identify lands that support high value biological resources

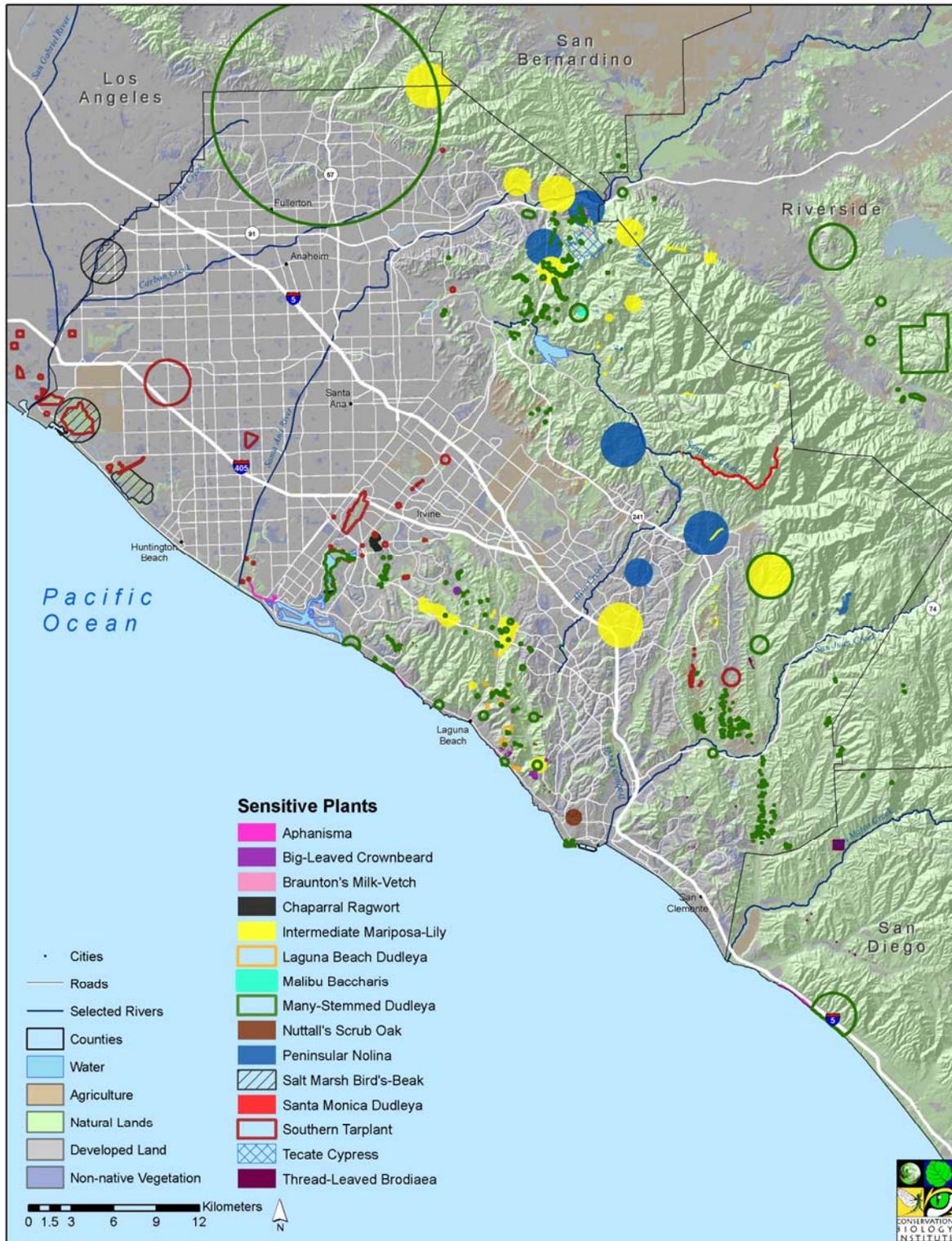


Figure C-4. Sensitive Plant Species in Orange County.

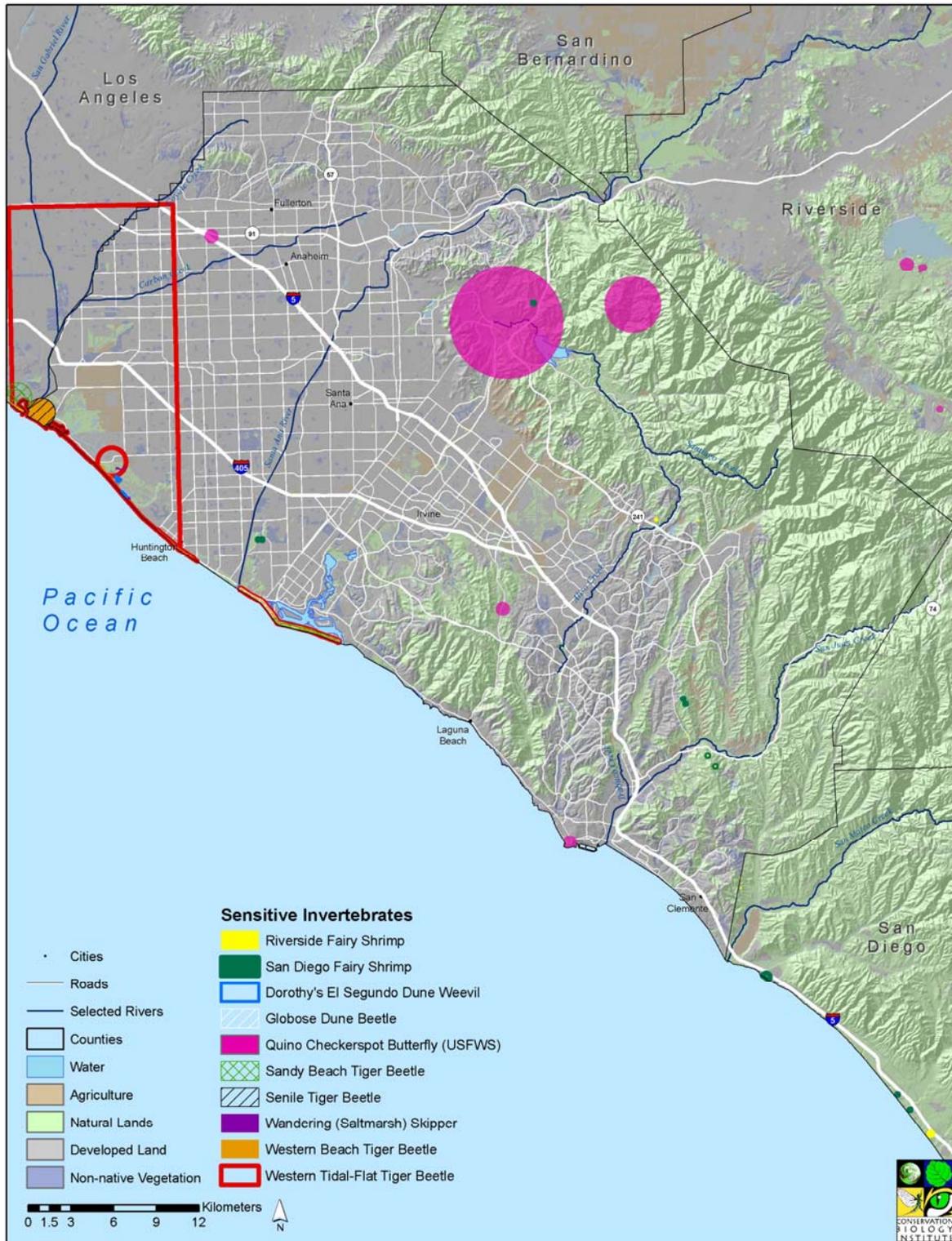


Figure C-5. Sensitive Invertebrate Species in Orange County.



Figure C-6. Sensitive Fish Species in Orange County.

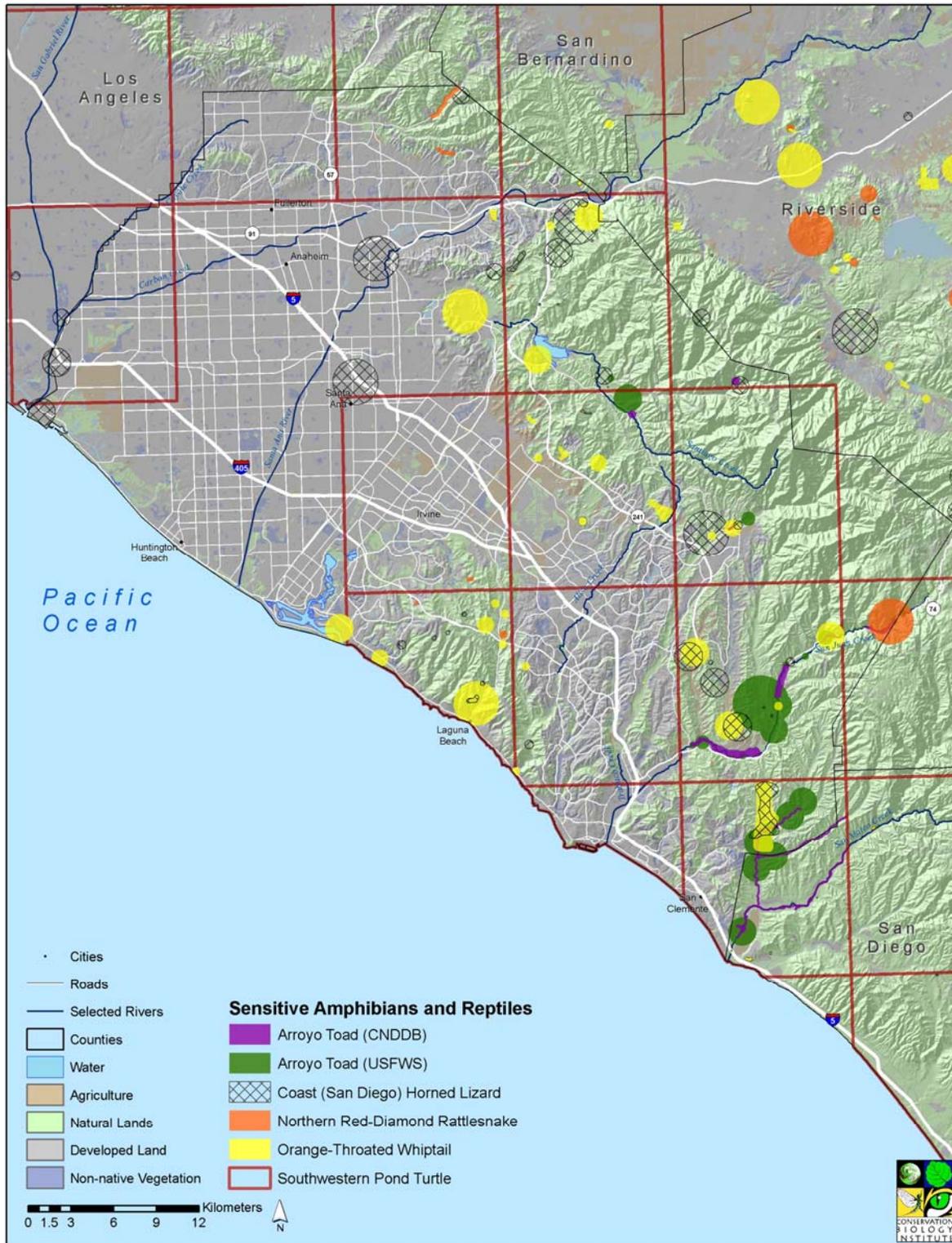


Figure C-7. Sensitive Amphibian and Reptile Species in Orange County.

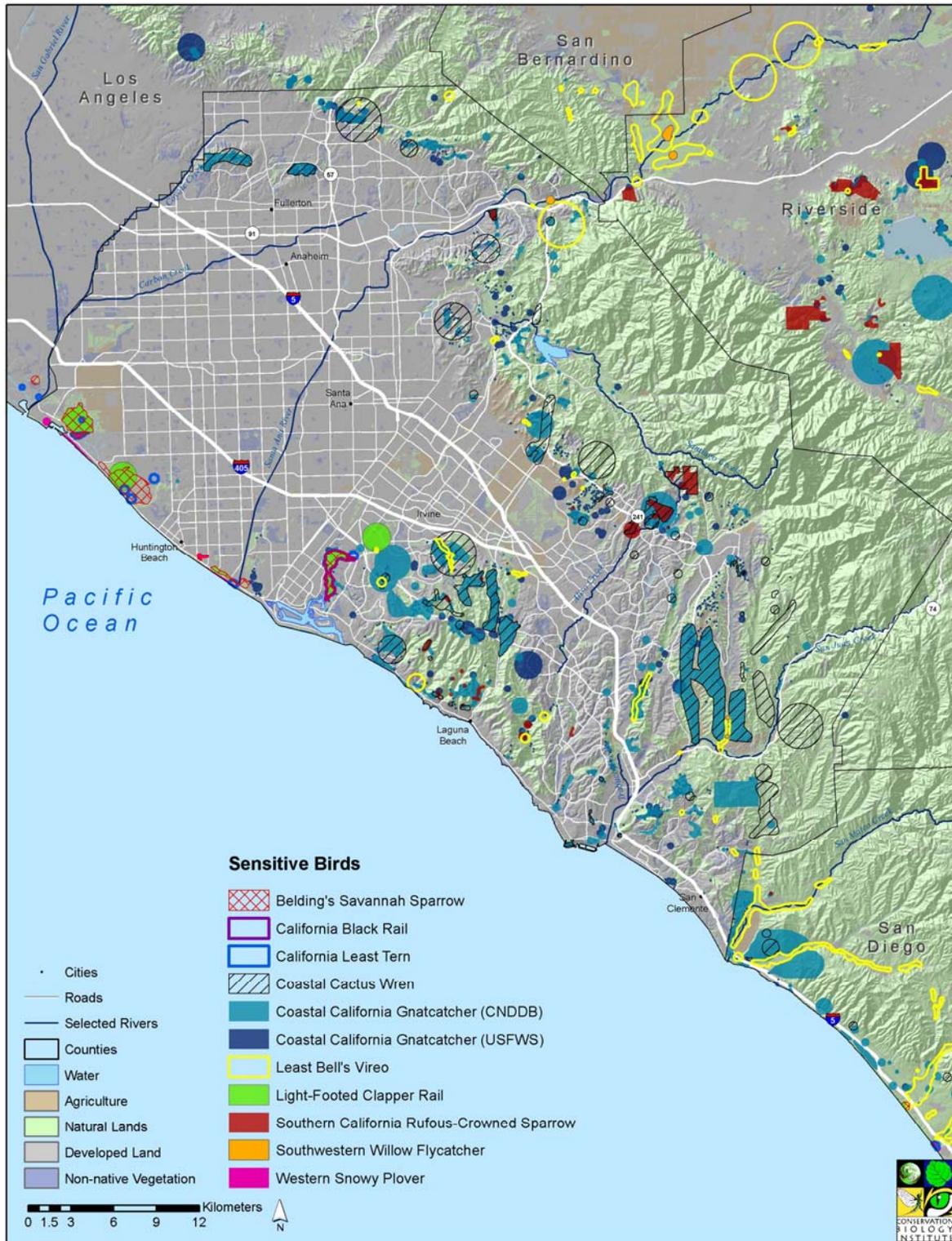


Figure C-8. Sensitive Bird Species in Orange County.

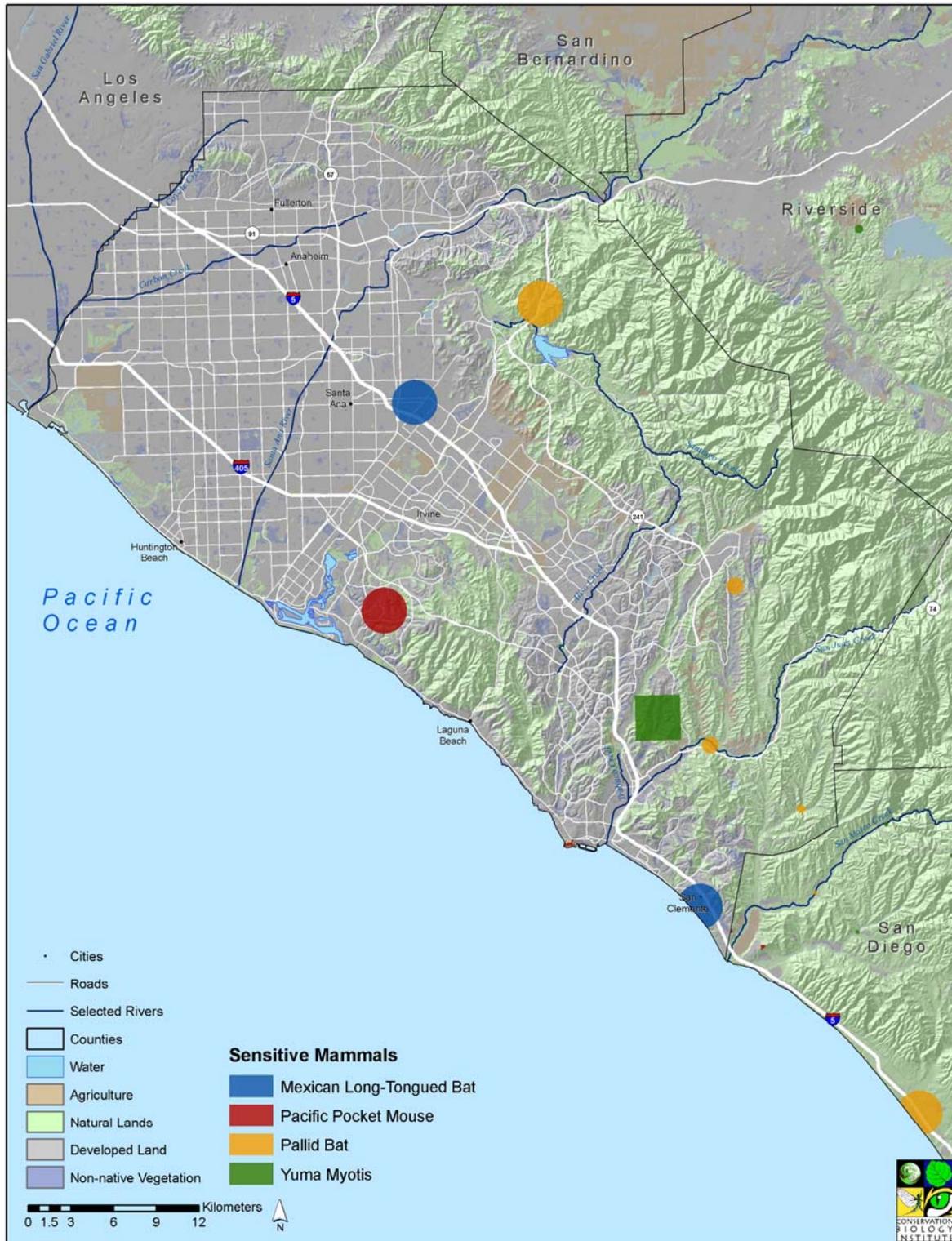


Figure C-9. Sensitive Mammal Species in Orange County.

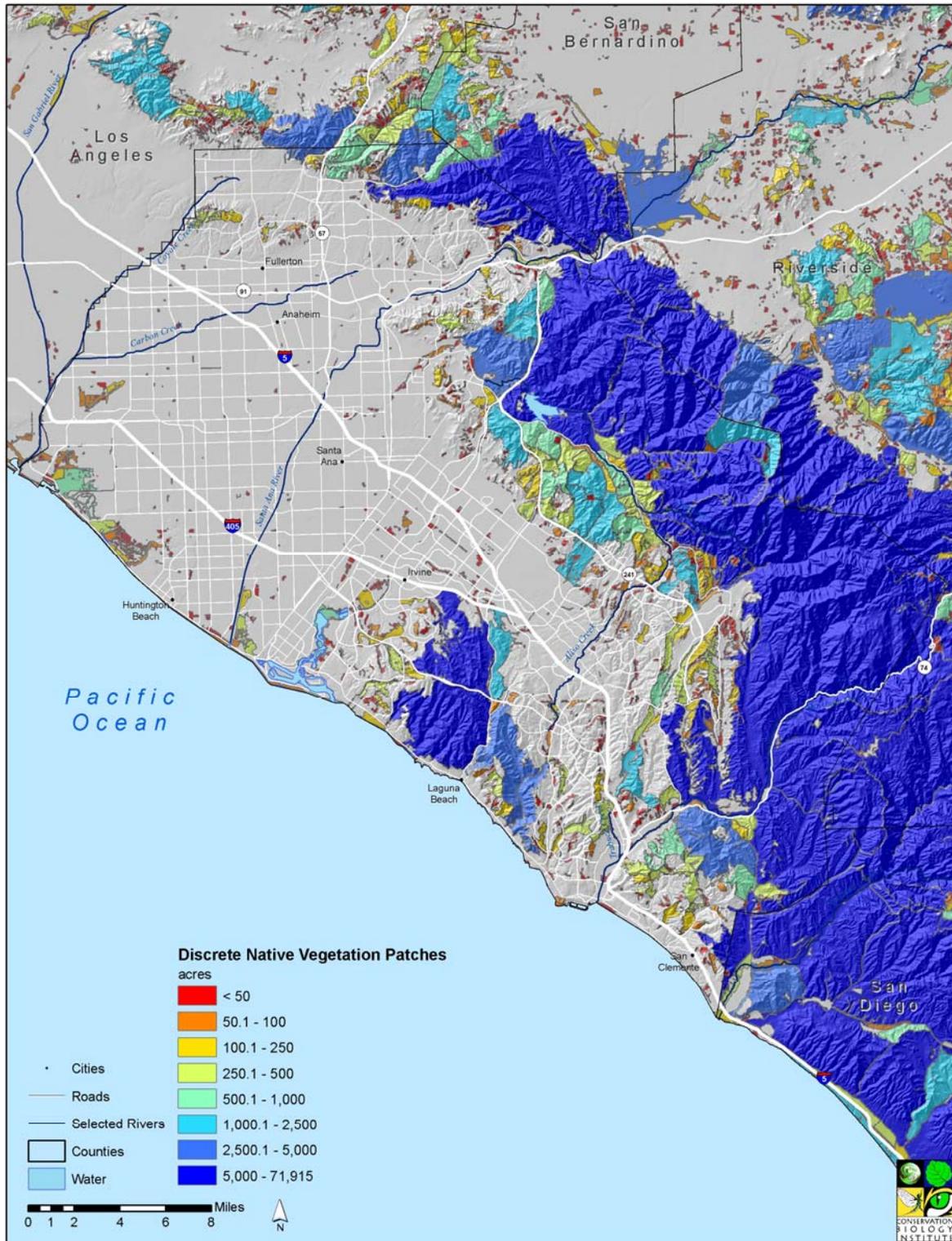


Figure C-10. Habitat Patch Size.



that have a high probability of long-term persistence. Therefore, smaller patches (generally <500-1,000 acres) are not considered core habitat patches except where they support regionally significant biological resources. Core habitat patches, in conjunction with landscape integrity, vegetation, and core populations of filtered species, were used to define 11 core habitat areas (Figure C-11):

- Santa Ana Mountains
- Northern Foothills
- Southern Foothills
- San Joaquin Hills
- Chino Hills
- West Coyote Hills
- Upper Santa Ana River
- North Coast: Seal Beach, Bolsa Chica, Santa Ana River Mouth, Upper Newport Bay

Refer to Section 5 of the report for a detailed discussion of core habitat areas. Appendix E.1 summarizes attributes of each core habitat area; Appendix F details vegetation representation within each core habitat area.

Connectivity

The connectivity analysis assessed existing or potentially viable linkages between large core patches. Local movement corridors within patches (e.g., Tonner Canyon) were not included in this analysis. In identifying potential linkages, the focus was on areas that support natural vegetation or have the potential for restoration, as opposed to historical movement corridors with a high degree of physical alteration (e.g., rivers or creeks that have been channelized or undergrounded).

Linkages were identified based on aerial photography, topography, and existing land use or vegetation cover. Datasets or data layers utilized in this analysis included the individual land cover and roads datasets, the updated vegetation layer and PAD, and the landscape integrity analysis. Linkage attributes included general linkage dimensions (length, width), number of major road crossings, landscape integrity, existing vegetation, and protected status of the existing or proposed linkage. Based on these criteria, four potentially viable linkages were identified (Figure C-12):

- Coal Canyon Linkage (Existing)
- Irvine Linkage
- Trabuco Creek Linkage
- San Juan Creek Linkage

Refer to Section 5 of the report for a detailed discussion of linkages. Attributes of each linkage are summarized in Appendix E.2.

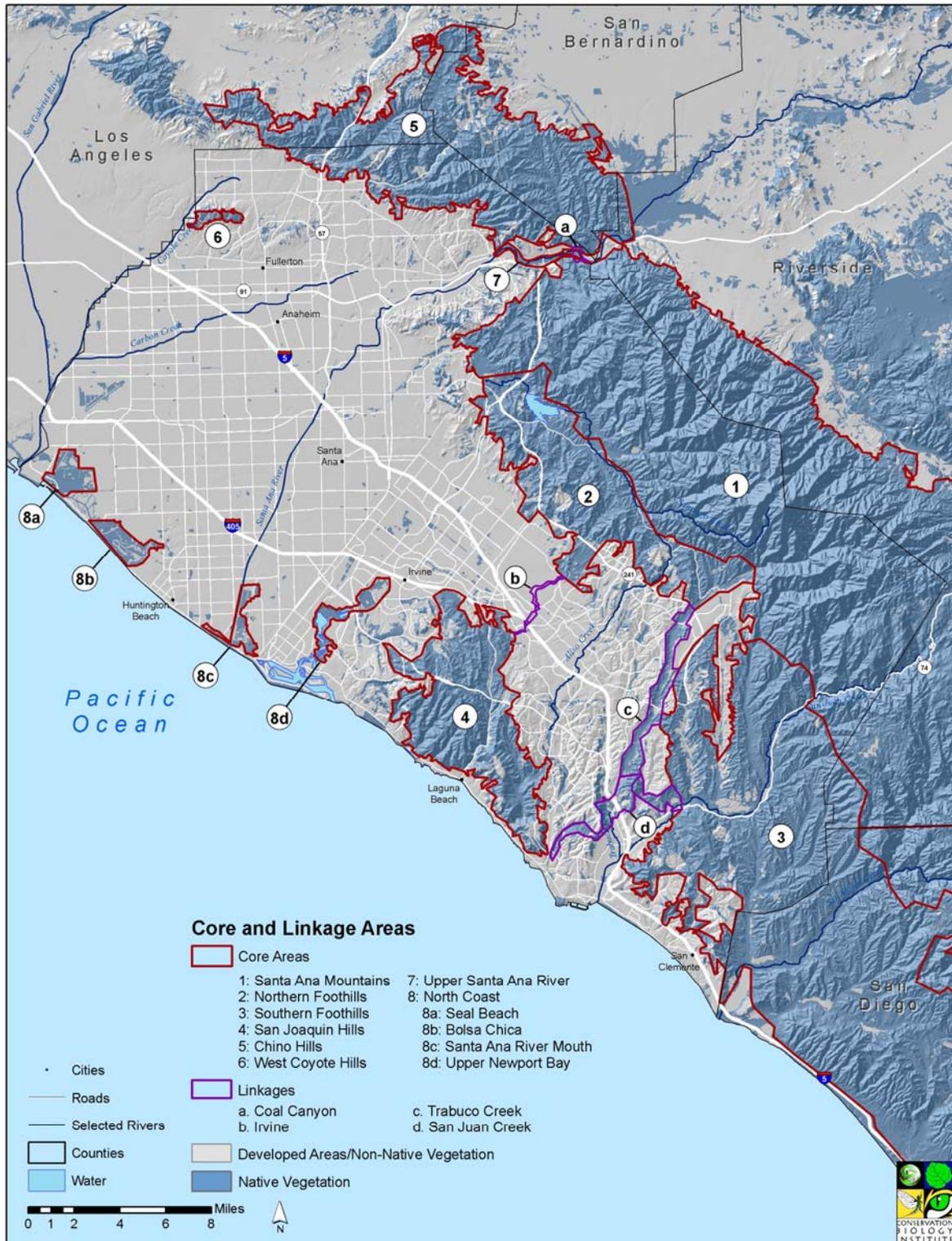


Figure C-11. Core and Linkage Areas.

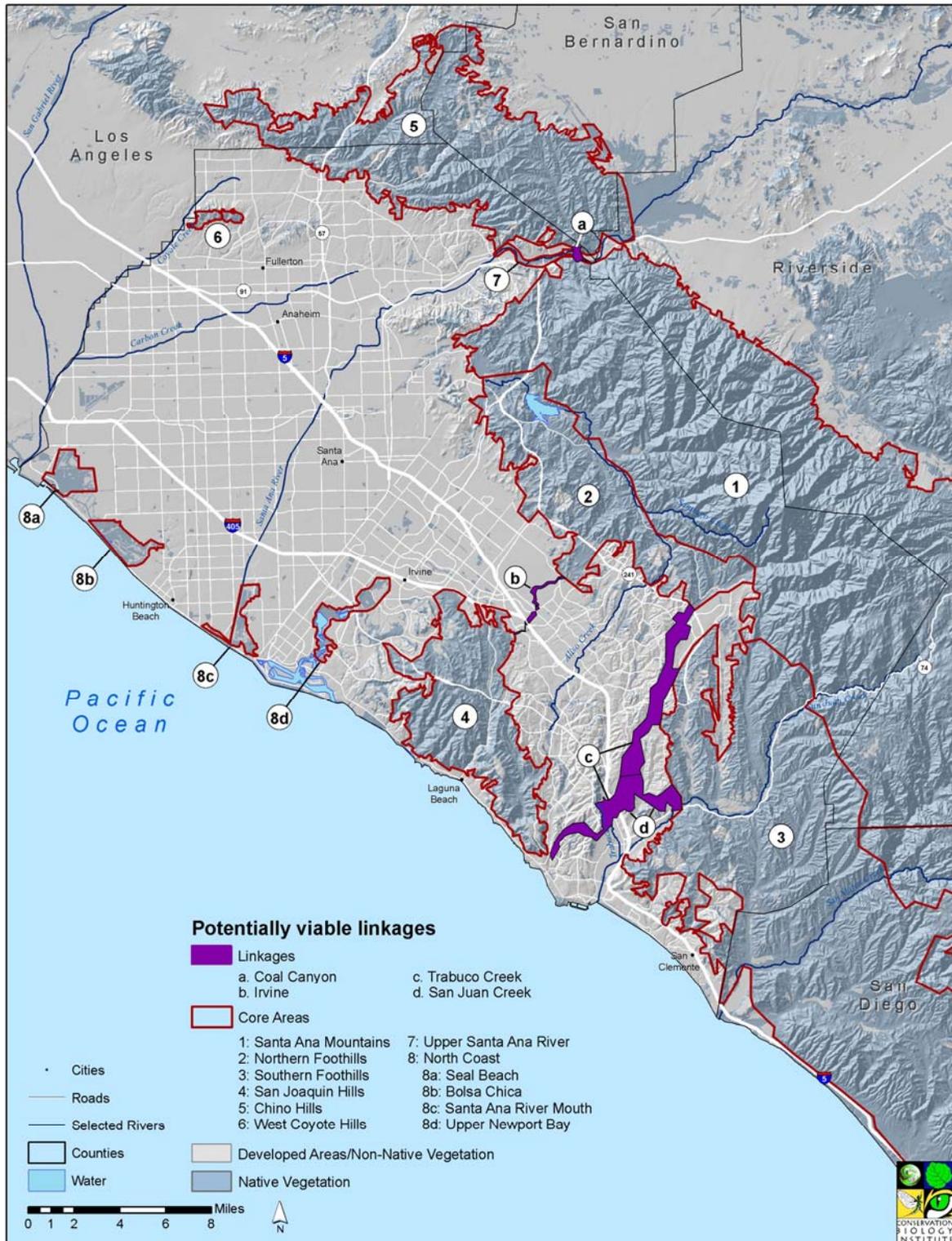


Figure C-12. Potentially Viable Linkages.



Buffers

Potential buffers were identified from the protected areas, land cover, and landscape integrity datasets, and include lands supporting low intensity land uses situated adjacent to existing conservation investments. Identification of potential buffers utilized the output of the landscape integrity analysis by identifying and mapping unprotected lands scored as moderate landscape integrity (Table C-3, integrity scores of 2-4). These lands typically support agricultural or other low-intensity land uses. Where situated adjacent to existing protected areas, these medium integrity lands may potentially function as buffers.

Potential buffer areas were identified adjacent to the Seal Beach and Northern Foothills core habitat areas, and consist largely of agricultural lands (Figure C-13). Because conservation priorities will be focused initially in core and linkage areas, buffers were not analyzed further in this assessment.

Parcel Prioritization

The parcel prioritization analysis evaluated unprotected lands within core habitat areas and linkages (*Opportunity Areas*) with respect to landscape position and proximity to open space. Landscape position refers to the position of a parcel relative to the ‘edge’ versus ‘interior’ of a core habitat area. Only large and medium-sized core habitat areas were assessed in terms of position. Because of their small size and/or relatively linear shape, small core habitat areas and linkages are assumed to be completely edge-effected.

In order to determine ‘edge,’ a buffer was established around all primary and secondary roads and developed areas adjacent to natural lands. Buffer distances were as follows:

- Primary roads – 500 m on either side of the roadway centerline
- Secondary roads – 300 m on either side of the roadway centerline
- Development – 500 m from the urban-wildland interface

Figure C-14 depicts both unbuffered developed areas and the buffered edge area used in this analysis. Any parcel falling within these buffered edge areas was scored as edge-effected. Refer to Section 6 of the report for additional details of this analysis, as well as the map depicting edge versus interior parcels (Figure 5). Parcels within *all* cores and linkages were then assessed for position relative to protected open space (‘adjacency’). Positional Priority Levels (High, Medium, and Low) were assigned to parcels based on position relative to edge *and* protected open space for large and medium-sized cores, and position relative to protected open space for small cores and linkages. Refer to Figure 6 in Section 6 of the report for the Positional Priority map and Table 3 for the parcel distribution within Positional Priority Levels.

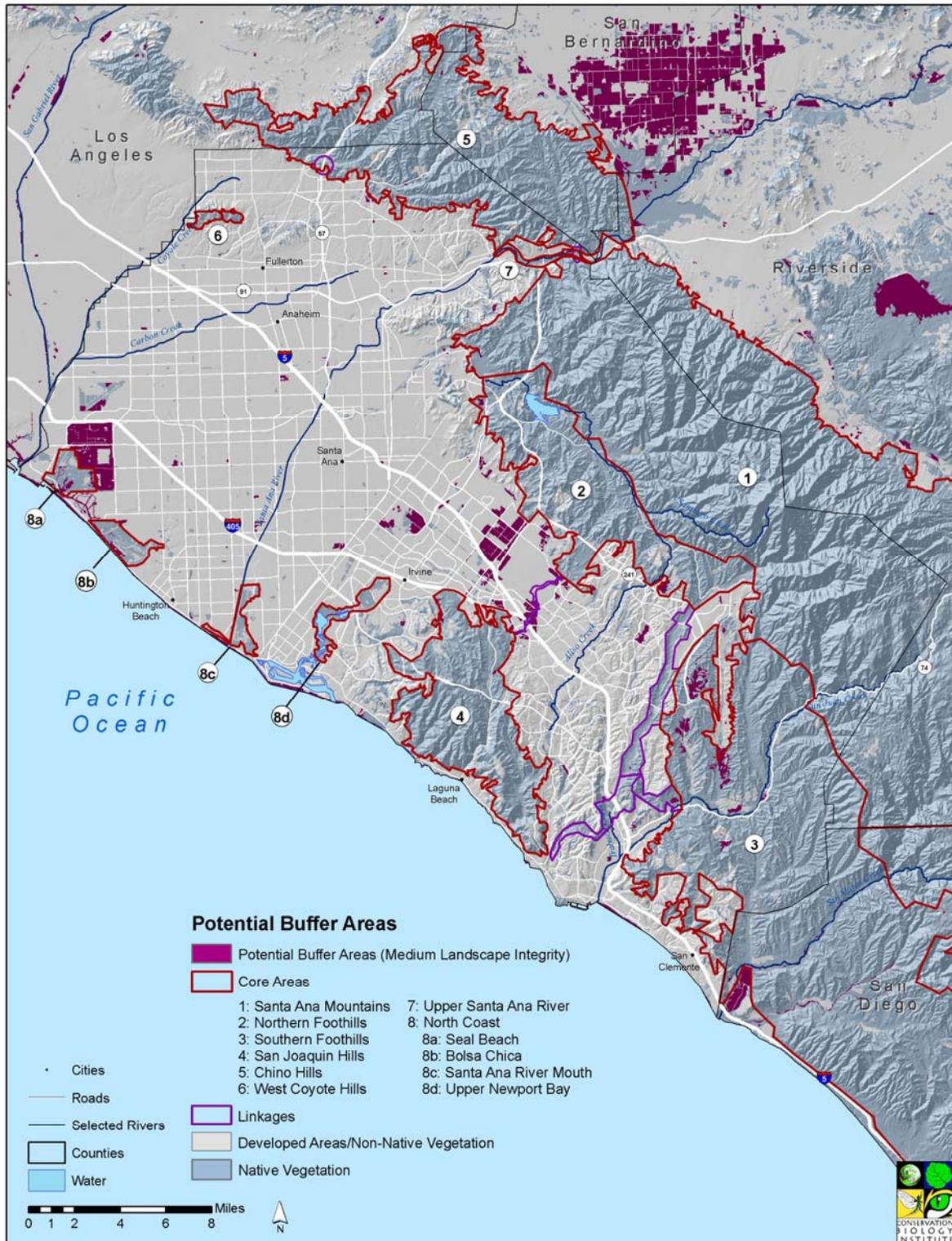


Figure C-13. Potential Buffer Areas.

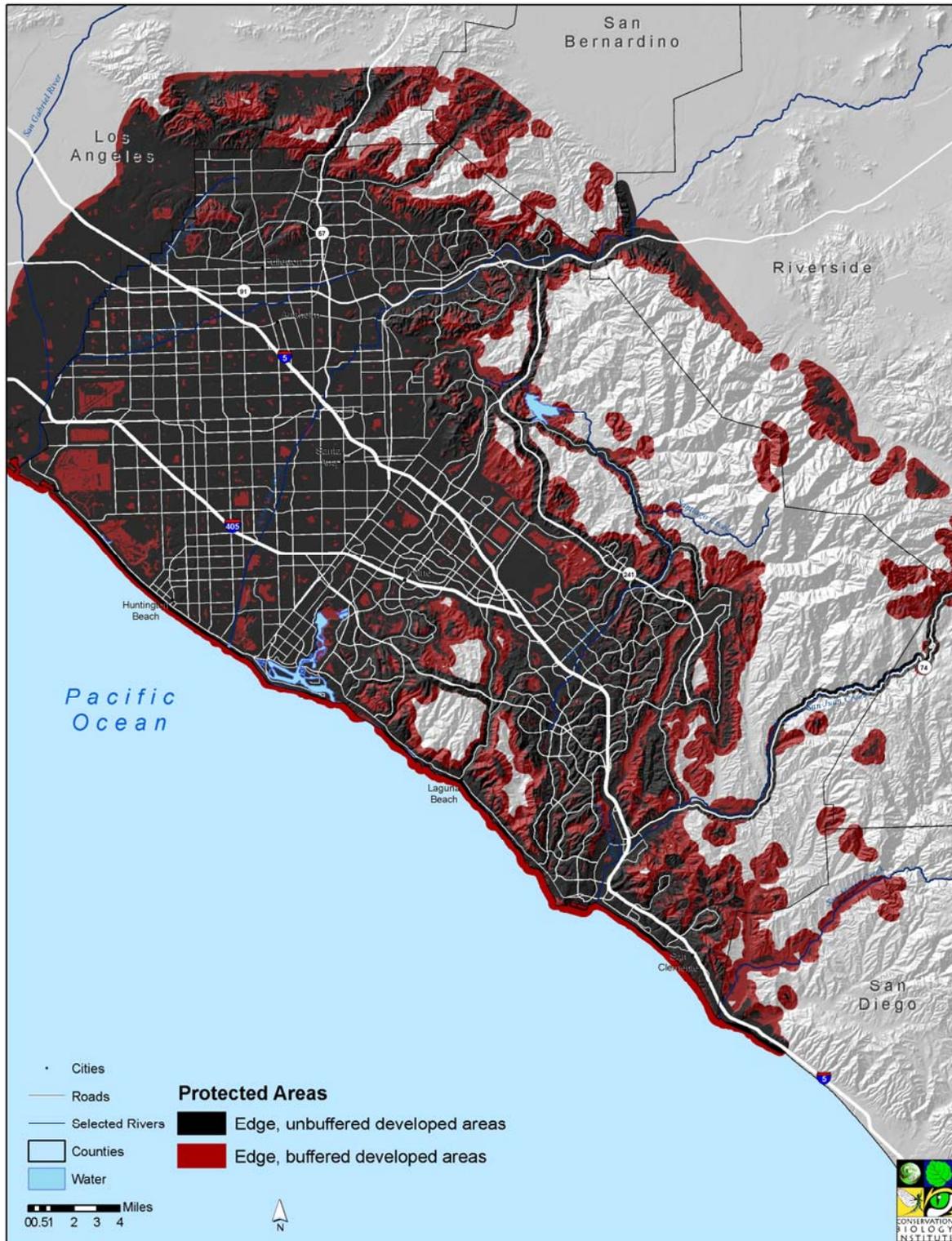


Figure C-14. Buffered versus Unbuffered Lands.



Priority Conservation Areas

Evaluation of Opportunity Areas at the regional scale focused on identifying key lands (*Priority Conservation Areas, or PCAs*) that would (1) contribute most to the integrity of specific reserve elements, as well as to the regional reserve system, and (2) that support multiple conservation values. In essence, PCAs comprise ‘no regrets’ areas, or lands with the highest conservation values.

In order to identify PCAs, conservation objectives were established for each reserve element (core habitat areas or linkages). These conservation objectives focused on reserve design considerations or biological resources most important to maintaining the values of that element. Unprotected lands within Opportunity Areas that met these objectives, i.e., PCAs, were then identified (Figure C-15). Refer to Section 6 of the report for a detailed discussion of PCAs, including conservation objectives and location and positional priority level maps. Attributes of PCAs are detailed in Appendix G; Appendix H provides lists of parcels within each PCA. Focusing initial acquisition efforts within PCAs will ensure conservation of high value biological resources that contribute most to the integrity of the regional reserve system.

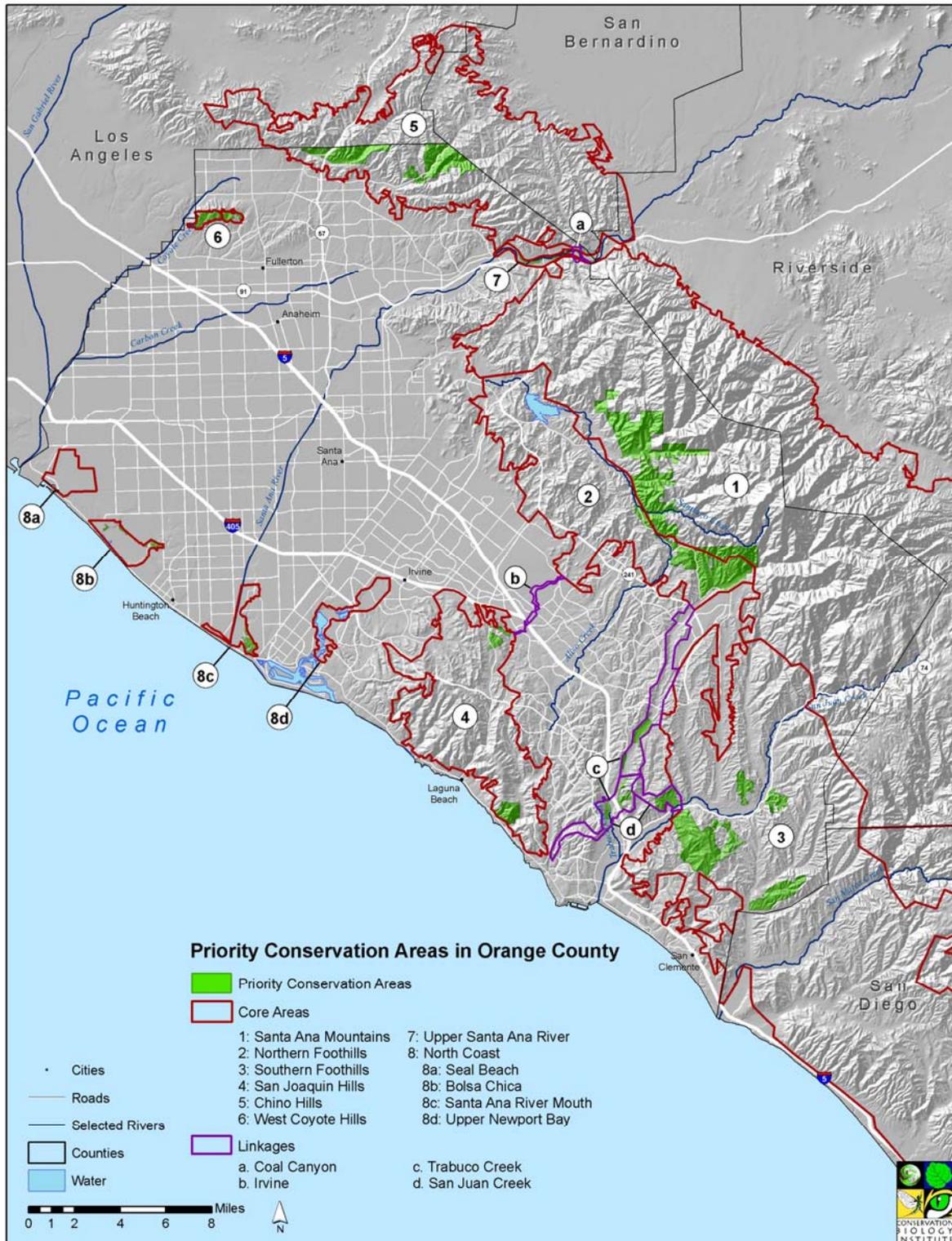


Figure C-15. Priority Conservation Areas.



References

Refer to Section 7 of the report for references cited in Appendix C



APPENDIX D

SENSITIVE SPECIES LISTS

APPENDIX D.1 SENSITIVE SPECIES IN ORANGE COUNTY

APPENDIX D.2 FILTERED SPECIES IN CORE HABITAT AREAS



Appendix D.1 Sensitive Species in Orange County

Common Name	Scientific Name	Regulatory Status ¹	Distribution in Study Area ²
Plants			
Allen's pentachaeta	<i>Pentachaeta aurea</i> ssp. <i>allenii</i>	1B.1/G3T3/S3	NF, SJ, DP
Aphanisma ³	<i>Aphanisma blitoides</i>	1B.2/G2/S1.1	NC; DP
Big-leaved crownbeard ³	<i>Verbesina dissita</i>	FT/ST/1B.1/G2G3/S1.1	SJ (only U.S. population)
Blochman's dudleya	<i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i>	1B.1/G2T2/S2.1	DP, San Clemente State Park
Braunton's milk-vetch ^{3,4}	<i>Astragalus brauntonii</i>	FE/1B.1/G2T2/S2.1	SA
California satintail	<i>Imperata brevifolia</i>	2.1/G2/S2.1	SF
Chaparral ragwort ³	<i>Senecio aphanactis</i>	2.2/G3/S1.2	NC, San Clemente State Beach
Cliff spurge	<i>Euphorbia misera</i>	2.2/G5/S3.2	SJ
Coast woolly-heads	<i>Nemacaulis denudata</i> var. <i>denudata</i>	1B.2/G3G4T3/S2.2	NC
Coulter's goldfields	<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	1B.1/G4T3/S2.1	NC
Coulter's matilija poppy ^{3,4}	<i>Romneya coulteri</i>	4.2/G3/S3.2	SA, NF, SF, CH
Coulter's saltbush	<i>Atriplex coulteri</i>	1B.2/G2/S2.2	SF, SJ, NC
Estuary seablite	<i>Suaeda esteroa</i>	1B.2/G4/S3.2	NC
Hall's monardella	<i>Monardella macrantha</i> ssp. <i>hallii</i>	1B.3/G5T3/S2.1	SA
Heart-leaved pitcher sage	<i>Lepechinia cardiophylla</i>	1B.2/G2/S2.2	SA
Intermediate mariposa-lily ^{3,4}	<i>Calochortus weedii</i> var. <i>intermedius</i>	1B.2/G3G4T2/S2.2	SA, NF, SF, SJ, CH, WC, USA
Laguna Beach dudleya ³	<i>Dudleya stolonifera</i>	FT/ST/1B.1/G1/S1.1	SJ (endemic to Orange County)
Long-spined spineflower	<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	1B.2/G5T3/S2.2	SA
Malibu baccharis ³	<i>Baccharis malibuensis</i>	1B.1/G1/S1.1	SA
Many-stemmed dudleya ^{3,4}	<i>Dudleya multicaulis</i>	1B.2/G2/S2.1	SA, NF, SF, SJ, CH?, NC
Mesa horkelia	<i>Horkelia cuneata</i> ssp. <i>puberula</i>	1B.1/G4T2/S2.1	SA
Mud nama	<i>Nama stenocarpum</i>	2.2/G4G5/S1S2	SF, SJ, NC
Nuttall's scrub oak ³	<i>Quercus dumosa</i>	1B.1/G1G2/S1.1	SJ, DP
Palmer's grapplinghook	<i>Harpagonella palmeri</i>	4.2/G4/S3.2	SA (rarely), NF, SF



Common Name	Scientific Name	Regulatory Status ¹	Distribution in Study Area ²
Parry's tetracoccus	<i>Tetracoccus parryi</i>	1B.2/G4/S2.2	SA
Peninsular nolina ³	<i>Nolina cismontana</i>	1B.2/G1/S1.1	SA, NF (core population), SF
Plummer's mariposa-lily	<i>Calochortus plummerae</i>	1B.2/G3T3/S3.2	SA
Prostrate vernal pool navarretia	<i>Navarretia prostrata</i>	1B.1/G2?/S2.1?	NC (Fairview Park), San Clemente
Robinson's pepper-grass	<i>Lepidium virginicum</i> var. <i>robinsonii</i>	1B.2/G5/T2?/S2.2	SA, NF, SF, SJ
Salt marsh bird's-beak ³	<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	FE/SE/1B.2/G4?/T2/S2.1	NC (Upper Newport Bay supports largest So. CA. population)
Salt Spring checkerbloom	<i>Sidalcea neomexicana</i>	2.2/G4?/S2S3	SF
San Bernardino aster	<i>Symphyotrichum defoliatum</i> (= <i>Aster defoliatum</i>)	1B.2/G3T3/S3.2	SA
San Miguel savory	<i>Satureja chandleri</i>	1B.2/G4/S3.2?	SA
Santa Monica dudleya ³	<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	FT/1B.2/G5/T2?/S2.2	SA
Santiago Peak phacelia ³	<i>Phacelia suaveolens</i> ssp. <i>keckii</i>	1B.3/G4T1/S1.3	SA
South Coast saltscale	<i>Atriplex pacifica</i>	1B.2/G3G4/S2.2	NC, San Clemente State Beach
Southern tarplant ^{3,4}	<i>Centromadia parryi</i> ssp. <i>australis</i>	1B.1/G4T2/S2.1	NF, SF, CH, NC
Sticky dudleya	<i>Dudleya viscida</i>	1B.2/G2/S2.2	SA, SF
Summer holly	<i>Comarostaphylis diversifolia</i> ssp. <i>diversifolia</i>	1B.2/G3T2/S2.2	SA, SJ
Tecate cypress ³	<i>Callitropsis forbesii</i>	1B.1/G2/S1.1	SA
Thread-leaved brodiaea ³	<i>Brodiaea filifolia</i>	FT/SE/1B.1/G2/S2.1	SF, SJ
White rabbit-tobacco	<i>Pseudognaphalium leucocephalum</i>	2.2/G4/S2/S3.2	SA, SF, USA
Invertebrates			
California brackishwater snail	<i>Tryonia imitator</i>	G2G3/S2S3	NC
Riverside fairy shrimp ³	<i>Streptocephalus woottoni</i>	FE/G1/S1	NF, SF
San Diego fairy shrimp ³	<i>Branchinecta sandiegonensis</i>	FE/G1/S1	SA, NC, SF
Dorothy's El Segundo Dune weevil ³	<i>Trigonoscuta dorothea dorothea</i>	G1T1/S1	NC
Globose dune beetle ³	<i>Coelus globosus</i>	G1/S1	NC
Sandy beach tiger beetle ³	<i>Cicindela hirticollis gravida</i>	G5T2/S1	NC
Senile tiger beetle ³	<i>Cicindela senilis frosti</i>	G4T1/S1	NC
Wandering (=saltmarsh) skipper ³	<i>Panoquina errans</i>	G4G5/S1	NC
Western beach tiger beetle ³	<i>Cicindela latesignata latesignata</i>	G4T1T2/S1	NC
Western tidal-flat tiger beetle	<i>Cicindela gabbii</i>	G4/S1	NC



Common Name	Scientific Name	Regulatory Status ¹	Distribution in Study Area ²
Monarch butterfly	<i>Danaus plexippus</i>	G5/S3	SF, SJ, NC
Quino checkerspot butterfly ^{3,5}	<i>Euphydryas editha quino</i>	FE/G5T1/S1	Extirpated (Potential reintroduction sites in SA, NF, SJ)
Fish			
Arroyo chub ^{3,4}	<i>Gila orcuttii</i>	SSC/G5/S2	SA, SF
Santa Ana speckled dace ³	<i>Rhinichthys osculus</i>	SSC/G5T1/S1	SA
Santa Ana sucker ^{3,4}	<i>Catostomus santaanae</i>	FT/SSC/G1/S1	Habitat along USA?
Steelhead trout ³	<i>Onchorhynchus mykiss</i>	FE/SSC/G5/T2Q/S2	SF, Trabuco and San Juan creeks
Tidewater goby ³	<i>Eucyclogobius newberryi</i>	FE/SSC/G3/S2S3	Extirpated
Amphibians			
Arroyo toad ³	<i>Anaxyrus californicus</i>	FE/SSC/G2G3/S2S3	SA, NF, SF
Coast Range newt	<i>Taricha torosa torosa</i>	SSC/G5T4/S4	SA
Western spadefoot	<i>Spea hammondi</i>	SSC/G3/S3	NF, SF, SJ
Reptiles			
California mountain kingsnake	<i>Lampropeltis zonata</i>	SSC/G4G5/S1S2	SA, NF
Coast (San Diego) horned lizard ^{3,4}	<i>Phrynosoma coronatum blainvillei</i>	SSC/G4G5/S3S4	SA, NF, SF, SJ, CH, NC
Coast patch-nosed snake	<i>Salvadora hexalepis virgultea</i>	SSC/G5T3/S2S3	SA, NF, CH
Coastal western whiptail	<i>Aspidoscelis tigris stejnegeri</i>	G5T3T4/S2S3	NF, SJ
Northern red-diamond rattlesnake ^{3,4}	<i>Crotalus ruber ruber</i>	SSC/G4T3T4/S2?	SA, NF, SF, SJ, CH
Orange-throated whiptail ^{3,4}	<i>Aspidoscelis hyperythrus</i>	SSC/G5/S2	SA, NF, SF, SJ, CH
Rosy boa	<i>Charina trivirgata</i>	G4G5/S3S4	SA, NF
Southwestern pond turtle ^{3,4}	<i>Actinemys marmorata pallida</i>	SSC/G3G4T2T3Q/S2	SA, NF, SF, SJ, CH, NC, USA
Two-striped garter snake	<i>Thamnophis hammondi</i>	SSC/G3/S2	SA, NF, SF
Birds			
American peregrine falcon ³	<i>Falco peregrinus anatum</i>	SE,FP/G4T3/S2	SF, NC
Belding's savannah sparrow ³	<i>Passerculus sandwichensis beldingi</i>	SE/G5T3Q/S3	NC
Black skimmer	<i>Rynchops niger</i>	SSC/G5/S1S3	NC
Burrowing owl	<i>Athene cunicularia</i>	SSC/G4/S2	SF, SJ, NC
California black rail ³	<i>Laterallus jamaicensis coturniculus</i>	ST/G4T1/S1	NC
California brown pelican ³	<i>Pelecanus occidentalis californicus</i>	G4T3/S1S2 ⁶	NC
California horned lark	<i>Eremophila alpestris actia</i>	WL/G5T3Q/S3	NF



Common Name	Scientific Name	Regulatory Status ¹	Distribution in Study Area ²
California least tern ³	<i>Sternula antillarum browni</i>	FE/SE/G4T2T3Q/S2S3	NC
Coastal cactus wren ^{3,4}	<i>Campylorhynchus brunneicapillus sandiegensis</i>	SSC/G5T3Q/S3	NF, SF, SJ, CH, WC, NC
Coastal California gnatcatcher ^{3,4}	<i>Polioptila californica californica</i>	FT/SSC/G3T2/S2	SA, NF, SF, SJ, CH, WC, NC
Cooper's hawk	<i>Accipiter cooperi</i>	WL/G5/S3	SA, SF, SJ, WC, NC
Ferruginous hawk	<i>Buteo regalis</i>	WL/G4/S3S4	NF, NC
Golden eagle	<i>Aquila chrysaetos</i>	FP, WL/G5/S3	SA, SF, CH, USA
Grasshopper sparrow	<i>Ammodramus savannarum</i>	SSC/G5/S2	SJ, CH, NC
Least Bell's vireo ^{3,4}	<i>Vireo bellii pusillus</i>	FE/SE/G5T2/S2	SA, NF, SF, SJ, CH, WC (migrant only), USA, NC
Light-footed clapper rail ³	<i>Rallus longirostris levipes</i>	FE/SE/G5T1T2/S1	NC
Long-eared owl	<i>Asio otus</i>	SSC/G5/S3	SA, SF
Northern harrier	<i>Circus cyaneus</i>	SSC/G5/S3	SF, WC
Osprey	<i>Pandion haliaetus</i>	WL/G5/S3	NC
So. CA. rufous-crowned sparrow ^{3,4}	<i>Aimophila ruficeps canescens</i>	WL/G5T2T4/S2S3	SA, NF, SF, SJ, WC
Southwestern willow flycatcher ^{3,4}	<i>Empidonax trallii extimus</i>	FE/SE/G5T1T2/S1	SF, USA
Tricolored blackbird	<i>Agelaius tricolor</i>	SSC/G2G3/S2	SF
Western snowy plover ³	<i>Charadrius alexandrinus nivosus</i>	FT/SSC/G4T3/S2	NC
White-tailed kite	<i>Elanus leucurus</i>	FP/G5/S3	SF, WC, NC
Yellow-breasted chat	<i>Icteria virens</i>	SSC/G5/S3	SJ
Mammals			
Big free-tailed bat	<i>Nyctinomops macrotis</i>	SSC/G5/S2	NC?
Hoary bat	<i>Lasiurus cinereus</i>	G5/S4?	NC
Mexican long-tongued bat ³	<i>Choeronycteris mexicana</i>	SSC/G4/S1	SF
Pallid bat ^{3,4}	<i>Antrozous pallidus</i>	SSC/G5/S3?	SA, NF, SF
Pocketed free-tailed bat	<i>Nyctinomops femorosaccus</i>	SSC/G4/S2S3	CH? WC?
Western mastiff bat	<i>Eumops perotis californicus</i>	SSC/G5T4/S3?	SA, NF, SF, SJ, CH, USA, NC
Western red bat	<i>Lasiurus blossevillii</i>	SSC/G5/S3?	SF
Western yellow bat	<i>Lasiurus xanthinus</i>	SSC/G5/S3	SF, DP
Long-eared myotis ^{3,4}	<i>Myotis evotis</i>		SA, NF
Western small-footed myotis ^{3,4}	<i>Myotis ciliolabrum</i>		SF
Yuma myotis ³	<i>Myotis yumanensis</i>	G5/S4	SF



Common Name	Scientific Name	Regulatory Status ¹	Distribution in Study Area ²
American badger	<i>Taxidea taxus</i>	SSC/G5/S4	NC, SF
South Coast marsh vole	<i>Microtus californicus stephensi</i>	SSC/G5T1T2/S1S2	NC
Southern California saltmarsh shrew	<i>Sorex ornatus salicornicus</i>	SSC/G5T1T2/S1S2	NC
Dulzura pocket mouse	<i>Chaetodipus californicus femoralis</i>	SSC/G5T3/S2?	SF
NW San Diego pocket mouse	<i>Chaetodipus fallax fallax</i>	SSC/G5T3/S2S3	SF?
Pacific pocket mouse ³	<i>Perognathus longimembris pacificus</i>	FE/SSC/G5T1/S1	DP
San Diego desert woodrat	<i>Neotoma lepida intermedia</i>	SSC/G5T3?/S3?	NF
Bobcat ^{3,4}	<i>Lynx rufus</i>		SA, NF, SF, SJ, CH, USA
Mountain Lion ^{3,4}	<i>Puma concolor</i>		SA, NF, SF, CH, USA

Sources: CNDDDB, U.S. Fish and Wildlife Service, California Wildlife Habitat Relationships, museum records, reports, and data from individuals having specific knowledge of the region's biological resources.

¹ Regulatory Status:

FE = federally listed as endangered

FT = federally listed as threatened

SE = state listed as endangered

ST = state listed as threatened

SSC = state species of special concern

FP = state fully protected

WL = state watch list

1B = CNPS List 1B – Rare, threatened, or endangered in California and elsewhere

0.1: Seriously endangered in California

0.2: Fairly endangered in California

0.3: Not very endangered in California

2 = CNPS List 2 – Rare threatened, or endangered in California, but more common elsewhere

0.1: Seriously endangered in California

0.2: Fairly endangered in California

4 = CNPS List 4 – Limited Distribution (Watch List)

0.2: Fairly endangered in California



G Rank = (CNDDDB Element, Global Ranking:

G1 = Less than 6 viable element occurrences OR less than 1,000 individuals OR less than 2,000 acres

G2 = 6-20 element occurrences OR 1,000-3,000 individuals OR 2,000-10,000 acres

G3 = 21-80 element occurrences OR 3,000-10,000 individuals OR 10,000-50,000 acres

G4 = Apparently secure, but some threat or somewhat narrow habitat

G5 = Population or stand demonstrably secure to ineradicable due to being commonly found in the world

Note: Subspecies receive a T-rank attached to the G-rank; the G-rank then refers to the entire species, whereas the T-rank refers to the subspecies or variety.

S Rank = CNDDDB Element, State Ranking:

S1= Less than 6 occurrences OR less than 1,000 individuals OR less than 2,000 acres

S1.1 = very threatened

S1.2 = threatened

S1.3 = no current threats known

S2 = 6-20 element occurrences OR 1,000-3,000 individuals OR 2,000-10,000 acres

S2.1 = very threatened

S2.2 = threatened

S2.3 = no current threats known

S3 = 21-80 element occurrences OR 3,000-10,000 individuals OR 10,000-50,000 acres

S3.1 = very threatened

S3.2 = threatened

S3.3 = no current threats known

S4 = Apparently secure, but some threat or somewhat narrow habitat (no threat rank)

S5 = Population or stand demonstrably secure to ineradicable due to being commonly found in California (no threat rank)

² Distribution in Study Area: SA = Santa Ana Mountains; NF = Northern Foothills; SF = Southern Foothills, SJ = San Joaquin Hills; CH = Chino Hills; WC = West Coyote Hills; USA = Upper Santa Ana River; NC = North Coast; DP = Dana Point Headlands.

³ Filtered Species = Includes species that are federally or state endangered or threatened, restricted in distribution [CNDDDB State Ranking of S1], and/or on OCTA's renewed Measure M (M2) Freeway projects NCCP/HCP proposed species list.

⁴ Species on OCTA's renewed Measure M (M2) Freeway projects NCCP/HCP proposed species list.

⁵ Presumed extirpated in study area, but SA, NF considered potential recovery sites.

⁶ Delisted as federally endangered on 11/11/09 (USFWS 2009).



Appendix D.2 Filtered Species in Core Habitat Areas^{1,2}

Common Name	Scientific Name	SA	NF	SF	SJ	CH	WC	USA	North Coast			
									SB	BC	SA	NB
Plants												
Aphanisma	<i>Aphanisma blitoides</i>										X	X
Big-leaved crownbeard	<i>Verbesina dissita</i>				X							
Braunton's milk-vetch ⁴	<i>Astragalus brauntonii</i>	X*										
Chaparral ragwort	<i>Senecio aphanactis</i>											X
Coulter's matilija poppy ⁴	<i>Romneya coulteri</i>	+	+	+		+						
Intermediate mariposa-lily ⁴	<i>Calochortus weedii</i> var. <i>intermedius</i>	X	X	X	X	X	+	X				
Laguna Beach dudleya	<i>Dudleya stolonifera</i>				X							
Malibu baccharis	<i>Baccharis malibuensis</i>	X										
Many-stemmed dudleya ⁴	<i>Dudleya multicaulis</i>	X	X	X	X	X?						X
Nuttall's scrub oak	<i>Quercus dumosa</i>				X							
Peninsular nolina	<i>Nolina cismontana</i>	X	X	X								
Salt marsh bird's-beak	<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>								X	X		X
Santa Monica dudleya	<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	X										
Santiago Peak phacelia	<i>Phacelia suaveolens</i> ssp. <i>keckii</i>	X										
Southern tarplant ⁴	<i>Centromadia parryi</i> ssp. <i>australis</i>			X		X			X	X	X	X
Tecate cypress	<i>Callitropsis forbesii</i>	X										
Thread-leaved brodiaea	<i>Brodiaea filifolia</i>		X	X	X							
Invertebrates												
Riverside fairy shrimp	<i>Streptocephalus woottoni</i>		X*	X								
San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>	X		X*							X*	
Dorothy's El Segundo Dune weevil	<i>Trigonoscuta dorothea dorothea</i>									X		
Globose dune beetle	<i>Coelus globosus</i>											X
Sandy beach tiger beetle	<i>Cicindela hirticollis gravida</i>											X



Common Name	Scientific Name	SA	NF	SF	SJ	CH	WC	USA	North Coast			
									SB	BC	SA	NB
Senile tiger beetle	<i>Cicindela senilis frosti</i>								X			
Wandering (=saltmarsh) skipper	<i>Panoquina errans</i>									X		
Western beach tiger beetle	<i>Cicindela latesignata latesignata</i>								X	X		
Western tidal-flat tiger beetle	<i>Cicindela gabbii</i>								X	X		
Quino checkerspot butterfly†	<i>Euphydryas editha quino</i>	†	†									
Fish												
Arroyo chub ⁴	<i>Gila orcuttii</i>	X		X								
Santa Ana sucker ⁴	<i>Catostomus santaanae</i>							X?				
Steelhead trout	<i>Onchorhynchus mykiss</i>			*								
Tidewater goby	<i>Eucyclogobius newberryi</i>				†							
Amphibians												
Arroyo toad	<i>Anaxyrus californicus</i>	X*	X	X*								
Reptiles												
Coast (San Diego) horned lizard ⁴	<i>Phrynosoma coronatum blainvillei</i>	X	X	X	X	X			X			
Northern red-diamond rattlesnake ⁴	<i>Crotalus ruber ruber</i>	X	X	X	X	X						
Orange-throated whiptail ⁴	<i>Aspidoscelis hyperythrus</i>	X	X	X	X	X						
Southwestern pond turtle ⁴	<i>Actinemys marmorata pallida</i>	X	X	X	X	X		X	X			X
Birds												
American peregrine falcon	<i>Falco peregrinus anatum</i>			+					+	+		+
Belding's savannah sparrow	<i>Passerculus sandwichensis beldingi</i>								X	X	X	X
California black rail	<i>Laterallus jamaicensis coturniculus</i>											X
California brown pelican	<i>Pelecanus occidentalis californicus</i>								+	+		+
California least tern	<i>Sternula antillarum browni</i>								X	X	X	X
Coastal cactus wren ⁴	<i>Campylorhynchus brunneicapillus sandiegensis</i>	X	X	X	X	X	X				+	+
Coastal California gnatcatcher ⁴	<i>Polioptila californica californica</i>	X*	X	X*	X*	X*	X*	X*		X	+	X
Least Bell's vireo ⁴	<i>Vireo bellii pusillus</i>	X	X	X	X	X	+	X				X
Light-footed clapper rail	<i>Rallus longirostris levipes</i>								X	X	X	X
Southern California rufous-crowned sparrow ⁴	<i>Aimophila ruficeps canescens</i>	X	X	X	X		+					



Common Name	Scientific Name	SA	NF	SF	SJ	CH	WC	USA	North Coast			
									SB	BC	SA	NB
Southwestern willow flycatcher ⁴	<i>Empidonax trallii extimus</i>			X				X				
Western snowy plover	<i>Charadrius alexandrinus nivosus</i>								X	+	+	
Mammals												
Mexican long-tongued bat	<i>Choeronycteris mexicana</i>			X								
Pallid bat ⁴	<i>Antrozous pallidus</i>	X	X	X								
Long-eared myotis ⁴	<i>Myotis evotis</i>	+	+									
Western small-footed myotis ⁴	<i>Myotis ciliolabrum</i>			X								
Yuma myotis	<i>Myotis yumanensis</i>			X								
Pacific pocket mouse	<i>Perognathus longimembris pacificus</i>											
Bobcat ⁴	<i>Lynx rufus</i>	+	+	+	+	+		+				+
Mountain lion ⁴	<i>Puma concolor</i>	+	+	+		+		+				
Summary												
Filtered Species		25	19	26	15	13	5	8	13	13	9	18
T & E Species ⁵		6	4	9	5	2	1	2	6	7	5	8
M2 Species ⁶		15	16	18	11	13	4	7	3	2	3	5
Critical Habitat ⁷		2	3	3	0	1	1	0	0	0	1	0

¹ Core Habitat Areas: SA = Santa Ana Mountains; NF = Northern Foothills; SF = Southern Foothills; SJ = San Joaquin Hills; CH = Chino Hills; WC = West Coyote Hills; USA = Upper Santa Ana River; North Coast (NC): SB = Seal Beach; BC = Bolsa Chica; SA = Santa Ana River Mouth; NB = Upper Newport Bay.

² Species occurrences: X = California Natural Diversity Data Base (CNDDDB) or U.S. Fish and Wildlife Service (USFWS) records; * = Critical Habitat; + = data from other sources; ? = location questionable; † = extirpated and/or potential recovery unit.

³ Filtered species = federally or state endangered or threatened; restricted in distribution (CNDDDB State Ranking of S1), and/or on OCTA's renewed Measure M (M2) Freeway projects NCCP/HCP proposed species list).

⁴ Species on OCTA's renewed Measure M (M2) Freeway projects NCCP/HCP proposed species list.

⁵ T & E species = Federally or state endangered or threatened.

⁶ M2 species = Species on OCTA's renewed Measure M (M2) Freeway projects NCCP/HCP proposed species list.

⁷ Critical Habitat = Federally designated critical habitat (includes proposed and unoccupied critical habitat).



APPENDIX E

RESERVE ELEMENT ATTRIBUTES

APPENDIX E.1 CORE HABITAT AREAS

APPENDIX E.2 LINKAGES



Appendix E.1 Core Habitat Area Attributes

CORE HABITAT AREA: SANTA ANA MOUNTAINS	
Regional context	<ul style="list-style-type: none"> • The largest core habitat area in Orange County (84,480 acres) and the ‘backbone’ of the regional preserve system • Contiguous with or in proximity to 4 other core areas • Includes national forest lands, state park lands, ecological preserves, national landmark lands, wilderness parks, regional parks, nature preserves, and private protected lands • Supports 6 threatened and endangered species • Supports 28 vegetation communities
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 25 filtered species • <u>T & E species</u>: Braunton’s milk-vetch (FE), Santa Monica dudleya (FT), San Diego fairy shrimp (FE), arroyo toad (FE), coastal California gnatcatcher (FT), least Bell’s vireo (FE, SE) • <u>M2 Species</u>: Braunton’s milk-vetch, Coulter’s matilija poppy, intermediate mariposa-lily, many-stemmed dudleya, arroyo chub, coast (San Diego) horned lizard, northern red-diamond rattlesnake, southwestern pond turtle, coastal California gnatcatcher, least Bell’s vireo, southern California rufous-crowned sparrow, pallid bat, long-eared myotis, bobcat, mountain lion • <u>Critical habitat</u>: Braunton’s milk-vetch, coastal California gnatcatcher • <u>Under-protected vegetation communities</u>: Riparian (Fremont cottonwood, riparian mixed hardwood), annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • High landscape integrity due to large size, lack of roads, minimal development • Contiguous with protected lands to the north, south, east, and west
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Intact landscape provides resilience to future climate change and disturbance events for species and habitats
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat area for coniferous forest, oak woodland, montane chaparral, coastal sage scrub, grassland, and riparian mixed hardwoods • Core populations of Braunton’s milk-vetch, Tecate cypress, and arroyo toad • Supports wide-ranging animals such as mountain lion, mule deer, coyote, and bobcat



CORE HABITAT AREA: SANTA ANA MOUNTAINS	
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: Cleveland National Forest, Chino Hills State Park, Coal Canyon Ecological Preserve, Irvine Ranch National Natural Landmark, Weir Canyon Regional Park, Santiago Oaks Regional Park, Limestone and Whiting Regional Park, Modjeska Canyon Nature Preserve, and private protected lands • Portions of this core included in the Central Subarea Reserve of the Nature Reserve of Orange County
Other special features	<ul style="list-style-type: none"> • Tecate cypress forest • Near-endemic plant species such as Santiago Peak phacelia, heart-leaved pitcher sage • Audubon Important Bird Area (in part)

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

² T & E Listing Status: FE = Federally listed as Endangered; FT = Federally listed as Threatened; SE = State listed as Endangered; ST = State listed as Threatened.



CORE HABITAT AREA: NORTHERN FOOTHILLS	
Regional context	<ul style="list-style-type: none"> • Medium-sized core habitat area (23,639 acres) situated between the largest regional core habitat area to the east and urban development to the west • Includes national forest lands, state park lands, ecological preserves, national landmark lands, wilderness parks, regional parks, nature preserves, and private protected lands • Supports 4 threatened and endangered species • Supports 21 vegetation communities
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 19 filtered species • <u>T & E species</u>: Riverside fairy shrimp (FE), arroyo toad (FE), coastal California gnatcatcher (FT), least Bell's vireo (FE, SE) • <u>M2 Species</u>: Coulter's matilija poppy, intermediate mariposa-lily, many-stemmed dudleya, southern tarplant, coast (San Diego) horned lizard, northern red-diamond rattlesnake, orange-throated whiptail, southwestern pond turtle, coastal cactus wren, coastal California gnatcatcher, least Bell's vireo, southern California rufous-crowned sparrow, pallid bat, long-eared myotis, bobcat, mountain lion • <u>Critical habitat</u>: Riverside fairy shrimp, arroyo toad (proposed), coastal California gnatcatcher • <u>Under-protected vegetation communities</u>: Annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • Relatively high landscape integrity due to size and rural (rather than urban) development; fragmentation along western edge due to development and roads • Contiguous with Santa Ana Mountains core habitat area to the east
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Relatively intact landscape provides resilience to future climate change for species and habitats; overall resilience enhanced by contiguity with larger core habitat area to the east
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat area for oak woodlands, chaparral, scrub, and annual grassland • Core populations of intermediate mariposa lily, peninsular nolina, coastal cactus wren, coastal California gnatcatcher, and rufous-crowned sparrow • Supports wide-ranging animals (mountain lion, mule deer, coyote, bobcat)



CORE HABITAT AREA: NORTHERN FOOTHILLS	
Importance to existing conservation easements	<ul style="list-style-type: none">• Existing, protected lands in or adjacent to this core: Cleveland National Forest, Irvine Ranch National Natural Landmark, Irvine Regional Park, Limestone and Whiting Wilderness Park, El Toro National Wildlife Refuge (future)• Largely protected as part of the Central Subarea Reserve of the Nature Reserve of Orange County
Other special features	<ul style="list-style-type: none">• Alluvial scrub (e.g., along Santiago Wash)• Audubon Important Bird Area

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

² T & E Listing Status: FE = Federally listed as Endangered; FT = Federally listed as Threatened; SE = State listed as Endangered; ST = State listed as Threatened.



CORE HABITAT AREA: SOUTHERN FOOTHILLS	
Regional context	<ul style="list-style-type: none"> • The second largest core habitat area (42,562 acres) • Contiguous with the largest core habitat area to the north, and protected lands to the south and east in San Diego and Riverside counties, respectively • Supports 9 threatened and endangered species • Supports 19 vegetation communities • Supports at least 50% of the remaining coastal cactus wren population
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 26 filtered species • <u>T & E species</u>: Thread-leaved brodiaea (FT, SE), Riverside fairy shrimp (FE), San Diego fairy shrimp (FE), steelhead trout (FE), arroyo toad (FE), American peregrine falcon (SE), coastal California gnatcatcher (FT), least Bell's vireo (FE, SE), southwestern willow flycatcher (FE, SE) • <u>M2 Species</u>: Coulter's matilija poppy, intermediate mariposa-lily, many-stemmed dudleya, southern tarplant, arroyo chub, coast (San Diego) horned lizard, northern red-diamond rattlesnake, orange-throated whiptail, southwestern pond turtle, coastal cactus wren, coastal California gnatcatcher, least Bell's vireo, southern California rufous-crowned sparrow, southwestern willow flycatcher, pallid bat, western small-footed myotis, bobcat, mountain lion • <u>Critical habitat</u>: Steelhead trout (unoccupied), arroyo toad (proposed), coastal California gnatcatcher • <u>Under-protected vegetation communities</u>: Riparian (riparian mixed shrub), annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • High landscape integrity in southeastern core due to size, lack of roads, minimal development, and connectivity with open space to the northeast, south, and east; lower landscape integrity along northern and northwestern boundaries due to fragmentation from urban development and roads
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Intact landscape provides resilience to future climate change and disturbance events for species and habitats
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat area for coastal sage scrub, grassland, and riparian habitats • Core populations of thread-leaved brodiaea, arroyo toad, coastal cactus wren, coastal California gnatcatcher, and raptors • Supports wide-ranging species such as mountain lion, mule deer, coyote, and bobcat • Important raptor area (supports the remaining golden eagles pairs in the County)



CORE HABITAT AREA: SOUTHERN FOOTHILLS	
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: Cleveland National Forest, Camp Pendleton Marine Corps Base (San Diego County), San Mateo Wilderness (Riverside County), Starr Ranch Sanctuary, O'Neill Regional Park, Thomas F. Riley Regional Park, Caspers Wilderness Park, Rancho Mission Viejo Ecological Reserve, Chiquita Canyon Conservation Area, Ladera Land Conservancy, and San Mateo State Park (San Diego County) • Largely included in Southern Subregion (Orange County) NCCP
Other special features	<ul style="list-style-type: none"> • Audubon Important Bird Area

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

² T & E Listing Status: FE = Federally listed as Endangered; FT = Federally listed as Threatened; SE = State listed as Endangered; ST = State listed as Threatened.



CORE HABITAT AREA: SAN JOAQUIN HILLS	
Regional context	<ul style="list-style-type: none"> • Medium-sized core habitat area (20,673 acres) that is relatively intact but isolated from other core areas • Supports 5 threatened and endangered species • Supports 18 vegetation communities
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 15 filtered species • T & E species: Big-leaved crownbeard (FT, ST), Laguna Beach dudleya (FT, ST), thread-leaved brodiaea (FT, SE), coastal California gnatcatcher (FT), least Bell’s vireo (FE, SE) • M2 Species: Intermediate mariposa-lily, many-stemmed dudleya, coast (San Diego) horned lizard, northern red-diamond rattlesnake, orange-throated whiptail, southwestern pond turtle, coastal cactus wren, coastal California gnatcatcher, least Bell’s vireo, southern California rufous-crowned sparrow, bobcat • Critical habitat: None • Under-protected vegetation communities: Fremont cottonwood, willow, annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • Relatively high landscape integrity; bisected by 2 major roads (SR-73, SR 133) • “Steppingstone” connection to Upper Newport Bay core habitat area
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Resilience to future climate change and disturbance events may be compromised by isolation from other core habitat areas • Susceptible to lowered species fitness (e.g., genetic erosion) due to isolation
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat area for coastal sage scrub, grassland, and riparian habitats • Core populations of big-leaved crownbeard, Laguna Beach dudleya, many-stemmed dudleya, coastal cactus wren, California gnatcatcher • Wide-ranging species include bobcat and coyote; bobcat population in the San Joaquin Hills is genetically distinct from inland population (Lyren et al. 2008)
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: Laguna Coast Wilderness Park, Crystal Cove State Park, Aliso and Woods Canyon Regional Park, Laguna Laurel Ecological Reserve, City of Irvine Open Space Reserve, Irvine Ranch Land Reserve • Largely protected as part of the Coastal Subarea Reserve of the Nature Reserve of Orange County



CORE HABITAT AREA: SAN JOAQUIN HILLS	
Other special features	<ul style="list-style-type: none">• Only U.S. population of big-leaved crownbeard• Supports Orange County endemic species (Laguna Beach dudleya)• Potential reintroduction site for the federally-endangered tidewater goby (Aliso Creek)• Audubon Important Bird Area

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

² T & E Listing Status: FE = Federally listed as Endangered; FT = Federally listed as Threatened; SE = State listed as Endangered; ST = State listed as Threatened.



CORE HABITAT AREA: CHINO HILLS	
Regional context	<ul style="list-style-type: none"> • Medium-sized core habitat area (12,601 acres) with some internal fragmentation • Supports 2 threatened and endangered species • Supports 13 vegetation communities
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 13 filtered species • <u>T & E species</u>: coastal California gnatcatcher (FT), least Bell's vireo (FE, SE) • <u>M2 Species</u>: Coulter's matilija poppy, intermediate mariposa-lily, many-stemmed dudleya, southern tarplant, coast (San Diego) horned lizard, northern red-diamond rattlesnake, orange-throated whiptail, southwestern pond turtle, coastal cactus wren, coastal California gnatcatcher, least Bell's vireo, bobcat, mountain lion • <u>Critical habitat</u>: Coastal California gnatcatcher • <u>Under-protected vegetation communities</u>: California walnut woodland, coastal mixed hardwood, willow, riparian mixed hardwood, annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • Relatively high landscape integrity in interior of core area; fragmented by highways to the northeast and south, and development to the southwest • Contiguous with habitat to the north, northwest in the Puente Hills; adjacent to the Upper Santa Ana River core habitat area; in proximity (and functionally connected) to the Santa Ana Mountains core area
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Resilience to future climate change and ability to continue supporting wide-ranging species is dependent on maintaining connectivity with the Puente Hills to the northwest and Santa Ana Mountains to the south
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat area for woodlands (including California walnut woodland), chaparral, scrub, grassland, and riparian habitats • Core populations of coastal cactus wren and coastal California gnatcatcher • Supports wide-ranging species (mountain lion, mule deer, bobcat, coyote)
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: Chino Hills State Park, Carbon Canyon Regional Park, Featherly Regional Park
Other special features	<ul style="list-style-type: none"> • Supports the only California walnut woodland habitat in the County • Important for Santa Ana Mountain population of mountain lions • Audubon Important Bird Area

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

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CORE HABITAT AREA: WEST COYOTE HILLS	
Regional context	<ul style="list-style-type: none"> • Second smallest core habitat area (537 acres) • Isolated by urban development • Core population (ca. 60 pairs) of coastal California gnatcatchers • Possible refugium site for gnatcatchers to the north in the Puente-Chino Hills • Supports 1 threatened and endangered species • Supports 5 vegetation communities
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 5 filtered species • <u>T & E species</u>: coastal California gnatcatcher (FT), least Bell's vireo (migrant only) (FE, SE) • <u>M2 Species</u>: Intermediate mariposa-lily, coastal cactus wren, coastal California gnatcatcher, least Bell's vireo (migrant only), southern California rufous-crowned sparrow • <u>Critical habitat</u>: Coastal California gnatcatcher • <u>Under-protected vegetation communities</u>: Annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • Moderate integrity within core habitat area, but exists within a matrix of urban development and subject to edge effects • Isolated from other core habitat areas and lacking the full range of ecosystem functions
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Resilience to future climate change and disturbance events compromised by size, shape, and isolation • Susceptible to lowered species fitness (e.g., genetic erosion) due to isolation • May provide temporary refugium for gnatcatchers in Chino-Puente Hills
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat for coastal sage scrub • Core populations of coastal cactus wren, coastal California gnatcatcher
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: West Coyote Hills Nature Park, urban parks (Ralph B. Clark Regional Park, Laguna Lake Park)
Other special features	<ul style="list-style-type: none"> • Wintering raptors

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

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CORE HABITAT AREA: UPPER SANTA ANA RIVER	
Regional context	<ul style="list-style-type: none"> • Smallest core habitat area (504 acres) • Situated between two larger cores (Santa Ana Mountains, Chino Hills); functions as a critical wildlife corridor between these two areas • 2 threatened and endangered species; potential habitat for a third threatened species • Significant stands of riparian habitat
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 8 filtered species • <u>T & E species</u>: Santa Ana sucker <i>habitat</i> (FT), least Bell's vireo (FE, SE), southwestern willow flycatcher (FE, SE) • <u>M2 Species</u>: Intermediate mariposa-lily, Santa Ana sucker (<i>habitat</i>), southwestern pond turtle, least Bell's vireo, southwestern willow flycatcher, bobcat, mountain lion • <u>Critical habitat</u>: None • <u>Under-protected vegetation communities</u>: Coastal mixed hardwood, Fremont cottonwood, willow, riparian mixed hardwood, annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • Low landscape integrity due to river alterations and adjacent development and roads (SR-91) • Contiguous with two core habitat areas; one of these – the Santa Ana Mountains core – is a high integrity landscape element and the largest core area in the region • Downstream from Prado Basin, which supports the largest intact patch of riparian habitat south of the Kern River Preserve and one of the largest populations of least Bell's vireo in the world (National Audubon Society 2009).
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Resilience to future climate change and catastrophic disturbance events may be compromised by size, shape, edge effects, and infrastructure and road widening projects
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat area for sycamore and cottonwood woodlands, riparian mixed hardwood, willow forests • Core populations of Least Bell's vireo, southwestern willow flycatcher • Supports wide-ranging animals (mountain lion, bobcat)
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: Featherly Regional Park, Chino Hills State Park, Irvine Ranch National Natural Landmark
Other special features	<ul style="list-style-type: none"> • Connection for wide-ranging species between the Santa Ana Mountains and Chino Hills • Downstream from core populations of riparian-obligate birds in Prado Basin



¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

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CORE HABITAT AREA: NORTH COAST – SEAL BEACH	
Regional context	<ul style="list-style-type: none"> • Small core habitat area (1,145 acres) • Includes the Seal Beach National Wildlife Refuge • Includes some of the most important remnant coastal wetlands in southern California • Provides habitat for migrating shorebirds, waterfowl, wintering geese, and foraging raptors • Supports 6 threatened and endangered species
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 13 filtered species • <u>T & E species</u>: Salt marsh bird's-beak (FE, SE), American peregrine falcon (SE), Belding's savannah sparrow (SE), California least tern (FE, SE), light-footed clapper rail (FE, SE), western snowy plover (FT) • <u>M2 Species</u>: Southern tarplant, coast (San Diego) horned lizard, southwestern pond turtle • <u>Critical habitat</u>: None • <u>Under-protected vegetation communities</u>: None
Landscape integrity and connectivity	<ul style="list-style-type: none"> • Moderate to low landscape integrity; situated within a matrix of urban development and subject to edge effects • Isolated from other core habitat areas and lacking the full range of ecosystem functions
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Resilience to future climate change and long-term ability to support habitat and species may be compromised by size and isolation; however, core is protected as a national wildlife refuge
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat area for coastal saltmarsh • Core populations of Belding's savannah sparrow, California least tern, light-footed clapper rail • Extensive grasslands provide important raptor habitat
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: Seal Beach National Wildlife Refuge
Other special features	<ul style="list-style-type: none"> • In proximity to Los Cerritos Wetlands • Audubon Important Bird Area

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

² T & E Listing Status: FE = Federally listed as Endangered; FT = Federally listed as Threatened; SE = State listed as Endangered; ST = State listed as Threatened.



CORE HABITAT AREA: NORTH COAST – BOLSA CHICA	
Regional context	<ul style="list-style-type: none"> • Small core habitat area (1,166 acres) • Includes Bolsa Chica Ecological Reserve • Includes some of the most important remnant coastal wetlands in southern California • Provides habitat for migrating shorebirds, waterfowl, wintering geese, and foraging raptors • Supports 7 threatened and endangered species
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 13 filtered species • <u>T & E species</u>: Salt marsh bird's-beak (FE, SE), American peregrine falcon (SE), Belding's savannah sparrow (SE), California least tern (FE, SE), coastal California gnatcatcher (FT), light-footed clapper rail (FE, SE), western snowy plover (FT) • <u>M2 Species</u>: Southern tarplant, coastal California gnatcatcher • <u>Critical habitat</u>: None • <u>Under-protected vegetation communities</u>: Riparian mixed hardwood, annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • Low integrity; situated within a matrix of urban development and subject to edge effects • Isolated from other core habitat areas and lacking the full range of ecosystem functions
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Resilience to future climate change and long-term ability to support habitat and species may be compromised by size and isolation; however, much of the core is protected as an ecological reserve
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat area for coastal saltmarsh • Core populations of Belding's savannah sparrow, California least tern, light-footed clapper rail • Extensive grasslands provide important raptor habitat
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: Bolsa Chica Ecological Reserve, Bolsa Chica State Beach
Other special features	<ul style="list-style-type: none"> • Supports 10% of the world's population of California least tern • Audubon Important Bird Area

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

² T & E Listing Status: FE = Federally listed as Endangered; FT = Federally listed as Threatened; SE = State listed as Endangered; ST = State listed as Threatened.



CORE HABITAT AREA: NORTH COAST – SANTA ANA RIVER MOUTH	
Regional context	<ul style="list-style-type: none"> • Small core habitat area (710 acres) • Includes some of the most important remnant coastal wetlands in southern California • Provides habitat for migrating shorebirds, waterfowl, wintering geese, and foraging raptors • Supports 6 threatened and endangered species
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 9 filtered species • <u>T & E species</u>: San Diego fairy shrimp (FE), Belding’s savannah sparrow (SE), California least tern (FE, SE), coastal California gnatcatcher (FT), light-footed clapper rail (FE, SE), western snowy plover (FT) • <u>M2 Species</u>: Southern tarplant, coastal cactus wren, coastal California gnatcatcher • <u>Critical habitat</u>: San Diego fairy shrimp • <u>Under-protected vegetation communities</u>: Willow, coastal bluff scrub, annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • Low integrity; situated within a matrix of urban development and subject to edge effects • Isolated from other core habitat areas and lacking the full range of ecosystem functions
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Resilience to future climate change and catastrophic disturbance events may be compromised by size and isolation • Susceptible to lowered species fitness (e.g., genetic erosion) due to isolation
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat for saltmarsh and grasslands • Core populations of California least tern and light-footed clapper rail • Extensive grasslands provide important raptor habitat
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: Talbert Marsh, Talbert Nature Preserve, Fairview Park
Other special features	<ul style="list-style-type: none"> • Audubon Important Bird Area

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA’s NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

² T & E Listing Status: FE = Federally listed as Endangered; FT = Federally listed as Threatened; SE = State listed as Endangered; ST = State listed as Threatened.



CORE HABITAT AREA: NORTH COAST – UPPER NEWPORT BAY	
Regional context	<ul style="list-style-type: none"> • Small core habitat area (1,135 acres) • Includes some of the most important remnant coastal wetlands in southern California • Provides habitat for migrating shorebirds, waterfowl, wintering geese, and foraging raptors • Supports 8 threatened and endangered species • Supports 11 vegetation communities
Known filtered species, ^{1,2} designated critical habitat, and under-protected vegetation	<ul style="list-style-type: none"> • 18 filtered species • <u>T & E species</u>: Salt marsh bird's-beak (FE, SE), American peregrine falcon (SE), Belding's savannah sparrow (SE), California black rail (ST), California least tern (FE, SE), coastal California gnatcatcher, least Bell's vireo (FE, SE), light-footed clapper rail (FE, SE) • <u>M2 Species</u>: Many-stemmed dudleya, southern tarplant, southwestern pond turtle, coastal cactus wren, coastal California gnatcatcher, least Bell's vireo • <u>Critical habitat</u>: None • <u>Under-protected vegetation communities</u>: Willow, coastal bluff scrub, annual grasses and forbs
Landscape integrity and connectivity	<ul style="list-style-type: none"> • Moderate to low integrity; situated within a matrix of urban development and subject to edge effects • "Steppingstone" connection to San Joaquin Hills core area; lacking the full range of ecosystem functions
Long-term ability to retain species and habitats	<ul style="list-style-type: none"> • Resilience to future climate change and catastrophic disturbance events may be compromised by size
Core habitat/populations	<ul style="list-style-type: none"> • Core habitat area for saltmarsh • Core populations of salt marsh bird's-beak and light-footed clapper rail • Extensive grasslands provide important raptor habitat
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this core: Upper Newport Bay Ecological Reserve and Nature Reserve, San Joaquin Freshwater Marsh Reserve
Other special features	<ul style="list-style-type: none"> • Audubon Important Bird Area

¹ Filtered species = species listed as federally or state threatened or endangered, restricted in distribution (State ranking of S1), and/or on OCTA's NCCP/HCP proposed species list for the Renewed Measure M (M2) Freeway projects.

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Appendix E.2 Linkage Attributes

LINKAGE: COAL CANYON	
Regional context	<ul style="list-style-type: none"> • Links the Santa Ana Mountains and Chino Hills core habitat areas • The last viable linkage between these two cores for wide-ranging species
Linkage type	<ul style="list-style-type: none"> • Freeway undercrossing
Distance between core habitat areas	<ul style="list-style-type: none"> • Ca. 0.5 mile
Average width	<ul style="list-style-type: none"> • > 1,500 feet
Focal species	<ul style="list-style-type: none"> • Wide ranging species (e.g., mountain lion, mule deer, bobcat, coyote)
Road crossings/culverts	<ul style="list-style-type: none"> • Highway 91
Landscape integrity	<ul style="list-style-type: none"> • 41% high and very high integrity lands
Natural land cover	<ul style="list-style-type: none"> • 65% native vegetation • 35% non-native vegetation or developed
Status	<ul style="list-style-type: none"> • Existing, protected linkage
Threats	<ul style="list-style-type: none"> • Wildlife use of undercrossing may be inhibited by lack of vegetation • Road widening, infrastructure improvements • Noise
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this linkage: Chino Hills State Park, Cleveland National Forest, Coal Canyon Ecological Reserve, Anaheim Wilderness Area
Other special features	<ul style="list-style-type: none"> • Crossing utilizes the eastern end of the Upper Santa Ana River core habitat area



LINKAGE: IRVINE	
Regional context	<ul style="list-style-type: none"> • Potential linkage between the San Joaquin Hills and the Northern Foothills core habitat areas • Shortest distance between these two core habitat areas
Linkage type	<ul style="list-style-type: none"> • Wildlife corridor
Distance between core habitat areas	<ul style="list-style-type: none"> • Approximately 4.5 miles
Average width	<ul style="list-style-type: none"> • Varies; “core zone” through Great Parks property ranges from 300-1500 feet (average = 600 feet); narrows to 145 feet west of Interstate 5 (‘El Toro Y’)
Focal species	<ul style="list-style-type: none"> • Bobcat, coyote, coastal California gnatcatcher, least Bell’s vireo
Road crossings	<ul style="list-style-type: none"> • 9 major road (or railroad) crossings, including the Foothill Transportation Corridor (CA-241) and Interstate 5 (I-5) at the El Toro ‘Y’
Landscape integrity	<ul style="list-style-type: none"> • 0% high and very high integrity lands
Natural land cover	<ul style="list-style-type: none"> • 7% native vegetation • 93% non-native vegetation or developed
Status	<ul style="list-style-type: none"> • 88% protected lands
Threats/Issues	<ul style="list-style-type: none"> • Requires extensive habitat restoration to become functional • Existing I-5 undercrossing is a barrier to movement and will require ‘retrofitting’ or other measures to encourage wildlife usage • Additional undercrossings will require enhancement/modifications to encourage wildlife use • Corridor width is constrained by existing development west of I-5
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this linkage: Limestone and Whiting Wilderness Park, proposed El Toro National Wildlife Refuge, Irvine Ranch Open Space Preserve, Laguna Coast Wilderness Park
Other special features	<ul style="list-style-type: none"> • The majority of this linkage is part of the planned Irvine Wildlife Corridor



LINKAGE: TRABUCO CREEK	
Regional context	<ul style="list-style-type: none"> • Potential linkage between the San Joaquin Hills and the Northern Foothills core habitat areas • Longest distance between these two cores; however, a large portion of the linkage is protected and supports natural vegetation
Linkage type	<ul style="list-style-type: none"> • “Steppingstone” linkage from San Joaquin Hills to Interstate 5 (I-5) • Wildlife corridor from I-5 to Northern Foothills
Distance between core habitat areas	<ul style="list-style-type: none"> • Total linkage length is about 13.5 miles • Approximately 4.5 miles from San Joaquin Hills core to I-5; • Approximately 9 miles from I-5 to Northern Foothills core
Average width	<ul style="list-style-type: none"> • Varies; ca. 50-200 feet between San Joaquin Hills and I-5; ca. 100 feet >1,000 feet wide east of I-5
Focal species	<ul style="list-style-type: none"> • Bobcat, coyote, coastal California gnatcatcher
Road crossings	<ul style="list-style-type: none"> • 9 major road (or railroad) crossings, including I-5
Landscape integrity	<ul style="list-style-type: none"> • 57% high and very high integrity lands
Natural land cover	<ul style="list-style-type: none"> • 74% native vegetation • 26% non-native vegetation
Status	<ul style="list-style-type: none"> • 60% protected lands
Threats/Issues	<ul style="list-style-type: none"> • Existing development may constrain movement of terrestrial species between San Joaquin Hills and I-5 undercrossing • Linkage narrowed by existing development immediately east of I-5
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this linkage: Aliso and Wood Canyons Wilderness Park, Salt Creek Corridor Regional Park, O’Neill Regional Park
Other special features	<ul style="list-style-type: none"> • Critical habitat for steelhead trout in Trabuco Creek (west of I-5) • Critical habitat for coastal California gnatcatcher (west of I-5) • Coastal cactus wren, coastal California gnatcatcher, and least Bell’s vireo occur in O’Neill Canyon



LINKAGE: SAN JUAN CREEK	
Regional context	<ul style="list-style-type: none"> • Potential linkage between the San Joaquin Hills and the Southern Foothills core habitat areas
Linkage type	<ul style="list-style-type: none"> • “Steppingstone” linkage from San Joaquin Hills to Interstate 5 (I-5) • Wildlife corridor from I-5 to Southern Foothills
Distance between core habitat areas	<ul style="list-style-type: none"> • Approximately 4.5 miles from San Joaquin Hills core to I-5 • Approximately 3 miles from I-5 to Southern Foothills core
Average width	<ul style="list-style-type: none"> • Varies; 50-200 feet wide west of I-5; 100->2,000 feet wide east of I-5
Focal species	<ul style="list-style-type: none"> • Bobcat, coyote, coastal California gnatcatcher
Road crossings	<ul style="list-style-type: none"> • 6 major road crossings, including I-5
Landscape integrity	<ul style="list-style-type: none"> • 52% high and very high integrity lands
Natural land cover	<ul style="list-style-type: none"> • 72% native vegetation • 28% non-native vegetation or developed
Status	<ul style="list-style-type: none"> • 53% protected lands
Threats/Issues	<ul style="list-style-type: none"> • Existing development may constrain movement of terrestrial species between San Joaquin Hills and I-5 undercrossing • Linkage narrowed by existing development immediately east of I-5
Importance to existing conservation easements	<ul style="list-style-type: none"> • Existing, protected lands in or adjacent to this linkage: Aliso and Wood Canyons Wilderness Park, Salt Creek Corridor Regional Park, O’Neill Regional Park
Other special features	<ul style="list-style-type: none"> • Critical habitat for steelhead trout in Trabuco Creek (west of I-5) • Critical habitat for coastal California gnatcatcher (west of I-5)



APPENDIX F

VEGETATION REPRESENTATION
IN CORE HABITAT AREAS



Appendix F Vegetation Representation in Core Habitat Areas

Santa Ana Mountains Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected acres	%	Unprotected acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	1,531	1,531	100	0	0
Coulter Pine	73	69	69	100	0	0
Knobcone Pine	63	63	63	100	0	0
Tecate Cypress	314	314	314	100	0	0
Total, Coniferous Forest	1,981	1,976	1,97	100	0	0
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	2,058	2,056	>99	3	>1
Coast Live Oak	10,576	4,523	3,856	85	666	15
Coastal Mixed Hardwood	535	0	0	0	0	0
Interior Mixed Hardwood	1	1	1	100	0	0
Total, Woodland	13,876	6,582	5,913	90	669	10
Chaparral						
Ceanothus Mixed Chaparral	2,452	2,380	2,119	89	262	11
Chamise	7,941	6,935	6,100	88	835	12
Lower Montane Mixed Chaparral	57,306	49,709	44,072	89	5,637	11
Soft Scrub Mixed Chaparral	6,276	2,170	1,986	92	184	8
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	1,303	1,240	95	63	5
Upper Montane Mixed Chaparral	35	35	35	100	0	0
Sumac Shrub	5,581	150	124	83	26	17
Total, Chaparral	82,951	62,682	55,676	89	7,006	11
Scrub						
Buckwheat	1,571	1,459	1,424	98	35	2
California Sagebrush	53,838	9,510	7,963	84	1,547	16
Coastal Bluff Scrub	375	0	0	0	0	0
Coastal Cactus	2,731	75	27	36	48	64
Coyote Brush	179	0	0	0	0	0
Riversidean Alluvial Scrub	731	10	10	100	0	0
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	11,054	9,424	85	1,630	15
Grassland						
Annual Grasses and Forbs	39,797	1,432	968	68	464	32
Perennial Grasses and Forbs	1,934	30	20	65	11	35
Total, Grassland	41,731	1,463	988	68	475	32
Riparian						
Baccharis (Riparian)	320	49	32	66	17	34
California Sycamore	935	10	5	51	5	49



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Fremont Cottonwood	119	10	0	0	10	100
Riparian Mixed Hardwood	1,047	399	303	76	96	24
Riparian Mixed Shrub	489	44	37	83	7	17
Willow	743	0	0	0	0	0
Willow (Shrub)	756	196	196	100	0	0
Total, Riparian	4,409	708	573	81	135	19
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	0	0	0	0	0
Tule-Cattail	318	6	6	100	0	0
Wet Meadows	35	9	9	100	0	0
Total, Wet Meadow/Marsh	2,235	15	15	100	0	0
Total	206,704	84,480	74,565	88	9,915	12

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the Santa Ana Mountains core habitat area.



Northern Foothills Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	4	2	50	2	50
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	4	2	50	2	50
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	1,760	1,119	64	641	36
Coastal Mixed Hardwood	535	0	0	0	0	0
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	1,760	1,119	64	641	36
Chaparral						
Ceanothus Mixed Chaparral	2,452	70	70	100	0	0
Chamise	7,941	507	142	28	365	72
Lower Montane Mixed Chaparral	57,306	1,921	1,450	75	471	25
Soft Scrub Mixed Chaparral	6,276	415	281	68	135	32
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	259	105	41	154	59
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	481	357	74	124	26
Total, Chaparral	82,951	3,653	2,405	66	1,249	34
Scrub						
Buckwheat	1,571	0	0	0	0	0
California Sagebrush	53,838	11,963	9,809	82	2,154	18
Coastal Bluff Scrub	375	0	0	0	0	0
Coastal Cactus	2,731	771	596	77	175	23
Coyote Brush	179	0	0	0	0	0
Riversidean Alluvial Scrub	731	73	66	91	6	9
Scalebroom	96	96	93	97	3	3
Total, Scrub	59,521	12,903	10,564	82	2,338	18
Grassland						
Annual Grasses and Forbs	39,797	5,016	3,534	70	1,482	30
Perennial Grasses and Forbs	1,934	51	51	100	0	0
Total, Grassland	41,731	5,067	3,585	71	1,482	29
Riparian						
Baccharis (Riparian)	320	20	4	22	15	78
California Sycamore	935	102	100	98	2	2
Fremont Cottonwood	119	0	0	0	0	0
Riparian Mixed Hardwood	1,047	0	0	0	0	0
Riparian Mixed Shrub	489	26	19	72	7	28
Willow	743	31	19	61	12	39
Willow (Shrub)	756	42	33	78	9	22



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Total, Riparian	4,409	221	175	80	45	20
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	0	0	0	0	0
Tule-Cattail	318	7	0	0	7	100
Wet Meadows	35	25	25	100	0	0
Total, Wet Meadow/Marsh	2,235	32	25	78	7	22
Total	206,704	23,639	17,875	76	5,764	24

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the Northern Foothills core habitat area.



Southern Foothills Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	0	0	0	0	0
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	0	0	0	0	0
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	2,821	2,350	83	471	17
Coastal Mixed Hardwood	535	0	0	0	0	0
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	2,821	2,350	83	471	17
Chaparral						
Ceanothus Mixed Chaparral	2,452	0	0	0	0	0
Chamise	7,941	489	449	92	40	8
Lower Montane Mixed Chaparral	57,306	4,903	4,185	72	718	28
Soft Scrub Mixed Chaparral	6,276	1,091	763	70	328	30
Southern Mixed Chaparral	3	3	3	100	0	0
Scrub Oak	3,357	1,589	1,497	94	92	6
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	148	134	91	14	9
Total, Chaparral	82,951	8,223	7,031	86	1,192	14
Scrub						
Buckwheat	1,571	6	6	100	0	0
California Sagebrush	53,838	15,834	13,279	84	2,556	16
Coastal Bluff Scrub	375	0	0	0	0	0
Coastal Cactus	2,731	994	870	88	124	12
Coyote Brush	179	83	53	64	30	36
Riversidean Alluvial Scrub	731	527	527	100	0	0
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	17,444	14,735	84	2,710	16
Grassland						
Annual Grasses and Forbs	39,797	11,375	7,250	64	4,125	36
Perennial Grasses and Forbs	1,934	1,849	1,300	70	549	30
Total, Grassland	41,731	13,224	8,550	65	4,674	35
Riparian						
Baccharis (Riparian)	320	62	62	100	0	0
California Sycamore	935	404	401	99	3	1
Fremont Cottonwood	119	0	0	0	0	0
Riparian Mixed Hardwood	1,047	67	65	97	2	3
Riparian Mixed Shrub	489	180	156	87	24	13
Willow	743	0	0	0	0	0



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Willow (Shrub)	756	122	117	96	5	4
Total, Riparian	4,409	835	801	96	34	4
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	0	0	0	0	0
Tule-Cattail	318	15	15	100	0	0
Wet Meadows	35	0	0	0	0	0
Total, Wet Meadow/Marsh	2,235	15	15	100	0	0
Total	206,704	42,562	33,482	79	9,081	21

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the Southern Foothills core habitat area.



San Joaquin Hills Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	0	0	0	0	0
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	0	0	0	0	0
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	169	169	100	0	0
Coastal Mixed Hardwood	535	0	0	0	0	0
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	169	169	100	0	0
Chaparral						
Ceanothus Mixed Chaparral	2,452	0	0	0	0	0
Chamise	7,941	0	0	0	0	0
Lower Montane Mixed Chaparral	57,306	533	292	55	241	45
Soft Scrub Mixed Chaparral	6,276	2,140	1,691	79	449	21
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	0	0	0	0	0
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	1,735	1,594	92	141	8
Total, Chaparral	82,951	4,408	3,577	81	831	19
Scrub						
Buckwheat	1,571	3	3	100	0	0
California Sagebrush	53,838	10,218	9,183	90	1,035	10
Coastal Bluff Scrub	375	0	0	0	0	0
Coastal Cactus	2,731	208	141	68	67	32
Coyote Brush	179	80	65	81	15	19
Riversidean Alluvial Scrub	731	18	8	45	10	55
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	10,527	9,400	89	1,127	11
Grassland						
Annual Grasses and Forbs	39,797	5,256	4,017	76	1,239	24
Perennial Grasses and Forbs	1,934	3	3	100	0	0
Total, Grassland	41,731	5,259	4,020	76	1,239	24
Riparian						
Baccharis (Riparian)	320	121	113	94	8	6
California Sycamore	935	8	8	100	0	0
Fremont Cottonwood	119	15	0	0	15	100
Riparian Mixed Hardwood	1,047	0	0	0	0	0
Riparian Mixed Shrub	489	9	9	100	0	0
Willow	743	38	14	38	24	62
Willow (Shrub)	756	119	109	92	10	8



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Total, Riparian	4,409	310	253	82	57	18
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	0	0	0	0	0
Tule-Cattail	318	0	0	0	0	0
Wet Meadows	35	0	0	0	0	0
Total, Wet Meadow/Marsh	2,235	0	0	0	0	0
Total	206,704	20,673	17,419	84	3,254	16

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the San Joaquin Hills core habitat area.



Chino Hills Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	0	0	0	0	0
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	0	0	0	0	0
Woodland						
California Walnut	706	706	256	36	450	64
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	569	241	42	328	58
Coastal Mixed Hardwood	535	412	215	52	197	48
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	1,687	712	42	975	58
Chaparral						
Ceanothus Mixed Chaparral	2,452	0	0	0	0	0
Chamise	7,941	0	0	0	0	0
Lower Montane Mixed Chaparral	57,306	0	0	0	0	0
Soft Scrub Mixed Chaparral	6,276	151	8	6	142	94
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	193	136	70	57	30
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	2,646	1,508	57	1,138	43
Total, Chaparral	82,951	2,990	1,652	55	1,337	45
Scrub						
Buckwheat	1,571	53	17	32	36	68
California Sagebrush	53,838	2,388	1,499	63	889	37
Coastal Bluff Scrub	375	0	0	0	0	0
Coastal Cactus	2,731	38	25	66	13	34
Coyote Brush	179	0	0	0	0	0
Riversidean Alluvial Scrub	731	0	0	0	0	0
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	2,479	1,541	62	938	38
Grassland						
Annual Grasses and Forbs	39,797	5,253	3,157	60	2,096	40
Perennial Grasses and Forbs	1,934	0	0	0	0	0
Total, Grassland	41,731	5,253	3,157	60	2,096	40
Riparian						
Baccharis (Riparian)	320	16	6	38	10	62
California Sycamore	935	0	0	0	0	0
Fremont Cottonwood	119	0	0	0	0	0
Riparian Mixed Hardwood	1,047	70	49	69	22	31
Riparian Mixed Shrub	489	0	0	0	0	0
Willow	743	106	60	57	46	43
Willow (Shrub)	756	0	0	0	0	0



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Total, Riparian	4,409	192	115	60	78	40
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	0	0	0	0	0
Tule-Cattail	318	0	0	0	0	0
Wet Meadows	35	0	0	0	0	0
Total, Wet Meadow/Marsh	2,235	0	0	0	0	0
Total	206,704	12,601	7,177	57	5,424	43

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the Chino Hills core habitat area.



West Coyote Hills Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	0	0	0	0	0
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	0	0	0	0	0
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	0	0	0	0	0
Coastal Mixed Hardwood	535	0	0	0	0	0
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	0	0	0	0	0
Chaparral						
Ceanothus Mixed Chaparral	2,452	0	0	0	0	0
Chamise	7,941	0	0	0	0	0
Lower Montane Mixed Chaparral	57,306	0	0	0	0	0
Soft Scrub Mixed Chaparral	6,276	16	0	0	16	100
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	0	0	0	0	0
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	33	0	0	33	100
Total, Chaparral	82,951	49	0	0	49	100
Scrub						
Buckwheat	1,571	0	0	0	0	0
California Sagebrush	53,838	254	18	7	236	93
Coastal Bluff Scrub	375	0	0	0	0	0
Coastal Cactus	2,731	212	76	36	136	64
Coyote Brush	179	0	0	0	0	0
Riversidean Alluvial Scrub	731	0	0	0	0	0
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	465	94	20	372	80
Grassland						
Annual Grasses and Forbs	39,797	22	0	0	22	100
Perennial Grasses and Forbs	1,934	0	0	0	0	0
Total, Grassland	41,731	22	0	0	22	100
Riparian						
Baccharis (Riparian)	320	0	0	0	0	0
California Sycamore	935	0	0	0	0	0
Fremont Cottonwood	119	0	0	0	0	0
Riparian Mixed Hardwood	1,047	0	0	0	0	0
Riparian Mixed Shrub	489	0	0	0	0	0
Willow	743	0	0	0	0	0
Willow (Shrub)	756	0	0	0	0	0



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Total, Riparian	4,409	0	0	0	0	0
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	0	0	0	0	0
Tule-Cattail	318	0	0	0	0	0
Wet Meadows	35	0	0	0	0	0
Total, Wet Meadow/Marsh	2,235	0	0	0	0	0
Total	206,704	537	94	18	443	82

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the West Coyote Hills core habitat area.



Upper Santa Ana River Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	0	0	0	0	0
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	0	0	0	0	0
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	0	0	0	0	0
Coastal Mixed Hardwood	535	5	< 1	7	4	93
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	5	< 1	7	4	93
Chaparral						
Ceanothus Mixed Chaparral	2,452	0	0	0	0	0
Chamise	7,941	0	0	0	0	0
Lower Montane Mixed Chaparral	57,306	0	0	0	0	0
Soft Scrub Mixed Chaparral	6,276	0	0	0	0	0
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	0	0	0	0	0
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	0	0	0	0	0
Total, Chaparral	82,951	0	0	0	0	0
Scrub						
Buckwheat	1,571	0	0	0	0	0
California Sagebrush	53,838	0	0	0	0	0
Coastal Bluff Scrub	375	0	0	0	0	0
Coastal Cactus	2,731	0	0	0	0	0
Coyote Brush	179	0	0	0	0	0
Riversidean Alluvial Scrub	731	0	0	0	0	0
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	0	0	0	0	0
Grassland						
Annual Grasses and Forbs	39,797	63	22	35	41	65
Perennial Grasses and Forbs	1,934	0	0	0	0	0
Total, Grassland	41,731	63	22	35	41	65
Riparian						
Baccharis (Riparian)	320	0	0	0	0	0
California Sycamore	935	8	8	100	0	0
Fremont Cottonwood	119	89	59	66	30	34
Riparian Mixed Hardwood	1,047	223	124	55	99	45
Riparian Mixed Shrub	489	0	0	0	0	0
Willow	743	116	67	58	49	42
Willow (Shrub)	756	0	0	0	0	0



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Total, Riparian	4,409	436	258	59	178	41
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	0	0	0	0	0
Tule-Cattail	318	0	0	0	0	0
Wet Meadows	35	0	0	0	0	0
Total, Wet Meadow/Marsh	2,235	0	0	0	0	0
Total	206,704	504	281	56	223	44

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the Upper Santa Ana River core habitat area.



Seal Beach Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	0	0	0	0	0
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	0	0	0	0	0
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	0	0	0	0	0
Coastal Mixed Hardwood	535	0	0	0	0	0
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	0	0	0	0	0
Chaparral						
Ceanothus Mixed Chaparral	2,452	0	0	0	0	0
Chamise	7,941	0	0	0	0	0
Lower Montane Mixed Chaparral	57,306	0	0	0	0	0
Soft Scrub Mixed Chaparral	6,276	0	0	0	0	0
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	0	0	0	0	0
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	0	0	0	0	0
Total, Chaparral	82,951	0	0	0	0	0
Scrub						
Buckwheat	1,571	0	0	0	0	0
California Sagebrush	53,838	0	0	0	0	0
Coastal Bluff Scrub	375	14	14	100	0	0
Coastal Cactus	2,731	0	0	0	0	0
Coyote Brush	179	0	0	0	0	0
Riversidean Alluvial Scrub	731	0	0	0	0	0
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	14	14	100	0	0
Grassland						
Annual Grasses and Forbs	39,797	414	414	100	0	0
Perennial Grasses and Forbs	1,934	0	0	0	0	0
Total, Grassland	41,731	414	414	100	0	0
Riparian						
Baccharis (Riparian)	320	0	0	0	0	0
California Sycamore	935	0	0	0	0	0
Fremont Cottonwood	119	0	0	0	0	0
Riparian Mixed Hardwood	1,047	0	0	0	0	0
Riparian Mixed Shrub	489	0	0	0	0	0
Willow	743	0	0	0	0	0
Willow (Shrub)	756	0	0	0	0	0



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Total, Riparian	4,409	0	0	0	0	0
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	717	702	98	15	2
Tule-Cattail	318	0	0	0	0	0
Wet Meadows	35	0	0	0	0	0
Total, Wet Meadow/Marsh	2,235	717	702	98	15	2
Total	206,704	1,145	1,130	99	15	1

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the Seal Beach core habitat area.



Bolsa Chica Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	0	0	0	0	0
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	0	0	0	0	0
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	0	0	0	0	0
Coastal Mixed Hardwood	535	0	0	0	0	0
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	0	0	0	0	0
Chaparral						
Ceanothus Mixed Chaparral	2,452	0	0	0	0	0
Chamise	7,941	0	0	0	0	0
Lower Montane Mixed Chaparral	57,306	0	0	0	0	0
Soft Scrub Mixed Chaparral	6,276	0	0	0	0	0
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	0	0	0	0	0
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	0	0	0	0	0
Total, Chaparral	82,951	0	0	0	0	0
Scrub						
Buckwheat	1,571	0	0	0	0	0
California Sagebrush	53,838	16	16	100	0	0
Coastal Bluff Scrub	375	0	0	0	0	0
Coastal Cactus	2,731	0	0	0	0	0
Coyote Brush	179	0	0	0	0	0
Riversidean Alluvial Scrub	731	0	0	0	0	0
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	16	16	100	0	0
Grassland						
Annual Grasses and Forbs	39,797	499	263	53	236	47
Perennial Grasses and Forbs	1,934	0	0	0	0	0
Total, Grassland	41,731	499	263	53	236	47
Riparian						
Baccharis (Riparian)	320	0	0	0	0	0
California Sycamore	935	0	0	0	0	0
Fremont Cottonwood	119	0	0	0	0	0
Riparian Mixed Hardwood	1,047	12	6	50	6	50
Riparian Mixed Shrub	489	0	0	0	0	0
Willow	743	0	0	0	0	0
Willow (Shrub)	756	0	0	0	0	0



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Total, Riparian	4,409	12	6	50	6	50
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	614	576	94	38	6
Tule-Cattail	318	25	25	100	0	0
Wet Meadows	35	0	0	0	0	0
Total, Wet Meadow/Marsh	2,235	639	601	94	38	6
Total	206,704	1,166	886	76	280	24

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the Bolsa Chica core habitat area.



Santa Ana River Mouth Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	0	0	0	0	0
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	0	0	0	0	0
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	0	0	0	0	0
Coastal Mixed Hardwood	535	7	7	100	0	0
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	7	7	100	0	0
Chaparral						
Ceanothus Mixed Chaparral	2,452	0	0	0	0	0
Chamise	7,941	0	0	0	0	0
Lower Montane Mixed Chaparral	57,306	0	0	0	0	0
Soft Scrub Mixed Chaparral	6,276	0	0	0	0	0
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	0	0	0	0	0
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	0	0	0	0	0
Total, Chaparral	82,951	0	0	0	0	0
Scrub						
Buckwheat	1,571	0	0	0	0	0
California Sagebrush	53,838	0	0	0	0	0
Coastal Bluff Scrub	375	38	27	72	11	28
Coastal Cactus	2,731	0	0	0	0	0
Coyote Brush	179	0	0	0	0	0
Riversidean Alluvial Scrub	731	0	0	0	0	0
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	38	27	72	11	28
Grassland						
Annual Grasses and Forbs	39,797	434	286	66	148	34
Perennial Grasses and Forbs	1,934	0	0	0	0	0
Total, Grassland	41,731	434	286	66	148	34
Riparian						
Baccharis (Riparian)	320	0	0	0	0	0
California Sycamore	935	0	0	0	0	0
Fremont Cottonwood	119	0	0	0	0	0
Riparian Mixed Hardwood	1,047	22	22	100	0	0
Riparian Mixed Shrub	489	26	26	100	0	0
Willow	743	54	50	92	4	8
Willow (Shrub)	756	0	0	0	0	0



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Total, Riparian	4,409	102	98	96	4	4
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	129	121	94	8	6
Tule-Cattail	318	0	0	0	0	0
Wet Meadows	35	0	0	0	0	0
Total, Wet Meadow/Marsh	2,235	129	121	94	8	6
Total	206,704	710	539	76	171	24

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the Santa Ana River Mouth core habitat area.



Upper Newport Bay Core Habitat Area¹

Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Coniferous Forest						
Bigcone Douglas-Fir	1,531	0	0	0	0	0
Coulter Pine	73	0	0	0	0	0
Knobcone Pine	63	0	0	0	0	0
Tecate Cypress	314	0	0	0	0	0
Total, Coniferous Forest	1,981	0	0	0	0	0
Woodland						
California Walnut	706	0	0	0	0	0
Canyon Live Oak	2,058	0	0	0	0	0
Coast Live Oak	10,576	11	7	61	4	39
Coastal Mixed Hardwood	535	0	0	0	0	0
Interior Mixed Hardwood	1	0	0	0	0	0
Total, Woodland	13,876	11	7	61	4	39
Chaparral						
Ceanothus Mixed Chaparral	2,452	0	0	0	0	0
Chamise	7,941	0	0	0	0	0
Lower Montane Mixed Chaparral	57,306	0	0	0	0	0
Soft Scrub Mixed Chaparral	6,276	0	0	0	0	0
Southern Mixed Chaparral	3	0	0	0	0	0
Scrub Oak	3,357	0	0	0	0	0
Upper Montane Mixed Chaparral	35	0	0	0	0	0
Sumac Shrub	5,581	0	0	0	0	0
Total, Chaparral	82,951	0	0	0	0	0
Scrub						
Buckwheat	1,571	0	0	0	0	0
California Sagebrush	53,838	3	0	0	3	100
Coastal Bluff Scrub	375	73	50	69	23	31
Coastal Cactus	2,731	0	0	0	0	0
Coyote Brush	179	0	0	0	0	0
Riversidean Alluvial Scrub	731	0	0	0	0	0
Scalebroom	96	0	0	0	0	0
Total, Scrub	59,521	76	50	66	26	34
Grassland						
Annual Grasses and Forbs	39,797	252	223	88	29	12
Perennial Grasses and Forbs	1,934	0	0	0	0	0
Total, Grassland	41,731	252	223	88	29	12
Riparian						
Baccharis (Riparian)	320	0	0	0	0	0
California Sycamore	935	4	4	100	0	0
Fremont Cottonwood	119	4	4	100	0	0
Riparian Mixed Hardwood	1,047	22	22	100	0	0
Riparian Mixed Shrub	489	0	0	0	0	0
Willow	743	150	145	97	5	3
Willow (Shrub)	756	4	4	100	0	0



Natural Vegetation	Total, County (acres)	Total, Core ² (acres)	Protected		Unprotected	
			acres	%	acres	%
Total, Riparian	4,409	184	179	97	5	3
Wet Meadow/Marsh						
Pickleweed-Cordgrass	1,882	373	361	97	12	3
Tule-Cattail	318	239	239	100	0	0
Wet Meadows	35	0	0	0	0	0
Total, Wet Meadow/Marsh	2,235	612	600	98	12	2
Total	206,704	1,135	1,059	93	76	7

¹ Numbers may not sum to total due to rounding.

² Indicates total acreage in the Upper Newport Bay core habitat area.



APPENDIX G

PRIORITY CONSERVATION AREA ATTRIBUTES

APPENDIX G.1 CORE HABITAT AREAS

APPENDIX G.2 LINKAGES



Appendix G.1 Priority Conservation Area Attributes: Core Habitat Areas

Santa Ana Mountains Core Habitat Area

Attributes	Priority Conservation Area A	Priority Conservation Area B
Vegetation Communities	Annual grasses and forbs* Chaparral Sage scrub Live oak woodland Riparian mixed hardwood	Chaparral Sage scrub Live oak woodland
Filtered Species (#)	8	7
T & E Species	Arroyo toad Coastal CA. gnatcatcher	Coastal CA. gnatcatcher Santa Monica Mountains dudleya
M2 Species	Arroyo toad Southwestern pond turtle Coastal cactus wren Coastal CA. gnatcatcher So. CA. rufous-crowned sparrow Bobcat Mountain lion Intermediate mariposa-lily	Southwestern pond turtle Coastal cactus wren Coastal CA. gnatcatcher So. CA. rufous-crowned sparrow Bobcat Mountain lion Santa Monica Mountains dudleya
Size ¹	5,492 acres	837 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



Northern Foothills Core Habitat Area

Attributes	Priority Conservation Area A	Priority Conservation Area B	Priority Conservation Area C
Vegetation Communities	Annual grasses and forbs* Chaparral Sage scrub Live oak woodland	Chaparral Sage scrub Live oak woodland	Annual grasses and forbs* Chaparral Riversidean alluvial scrub Sage scrub Live oak woodland
Filtered Species (#)	5	3	12
T & E Species	Coastal California gnatcatcher	---	Arroyo toad Coastal CA. gnatcatcher
M2 Species	Southwestern pond turtle Coastal CA. gnatcatcher Bobcat Mountain lion	Southwestern pond turtle Bobcat Mountain lion	Arroyo toad Southwestern pond turtle Orange-throated whiptail San Diego horned lizard Northern red-diamond rattlesnake Coastal cactus wren Coastal CA. gnatcatcher So. CA. rufous-crowned sparrow Bobcat Mountain lion Intermediate mariposa-lily
Size ¹	338 acres	69 acres	2,521 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



Southern Foothills Core Habitat Area

Attributes	Priority Conservation Area A	Priority Conservation Area B	Priority Conservation Area C	Priority Conservation Area D
Vegetation Communities	Annual grasses and forbs* Perennial grasses and forbs Chaparral Cactus scrub Sage scrub Live oak woodland	Annual grasses and forbs* Perennial grasses and forbs Chaparral Cactus scrub Sage scrub Coyote Brush Live oak woodland Willow*	Annual grasses and forbs* Perennial grasses and forbs Chaparral Sage scrub Live oak woodland	Annual grasses and forbs* Chaparral Sage scrub
Filtered Species (#)	9	11	7	8
T & E Species	Coastal CA. gnatcatcher Thread-leaved brodiaea	Arroyo toad Coastal CA. gnatcatcher Least Bell's vireo	Arroyo toad	Arroyo toad
M2 Species	San Diego horned lizard Orange-throated whiptail No. red-diamond rattlesnake Coastal cactus wren Coastal CA. gnatcatcher Pallid bat Bobcat/Mountain lion	Arroyo toad Southwestern pond turtle San Diego horned lizard Orange-throated whiptail Coastal cactus wren Coastal CA. gnatcatcher Least Bell's vireo Pallid bat Bobcat/Mountain lion Many-stemmed dudleya	Arroyo toad Orange-throated whiptail Coastal cactus wren Bobcat/Mountain lion Many-stemmed dudleya Intermediate mariposa-lily	Arroyo toad Orange-throated whiptail San Diego horned lizard Coastal cactus wren Bobcat/Mountain lion Many-stemmed dudleya Intermediate mariposa-lily
Size ¹	2,654 acres	961 acres	354 acres	388 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



San Joaquin Hills Core Habitat Area

Attributes	Priority Conservation Area A	Priority Conservation Area B	Priority Conservation Area C
Vegetation Communities	Annual grasses and forbs* Sage scrub	Annual grasses and forbs* Riversidean alluvial scrub Willow*	Chaparral Sage Scrub
Filtered Species (#)	4	5	8
T & E Species	Coastal CA. gnatcatcher	Coastal California gnatcatcher Least Bell's vireo	Coastal California gnatcatcher Big-leaved crownbeard Laguna Beach dudleya
M2 Species	Coastal cactus wren Coastal CA. gnatcatcher Orange-throated whiptail Bobcat	Southwestern pond turtle Coastal CA. gnatcatcher So. CA. rufous-crowned sparrow Least Bell's vireo Bobcat	San Diego horned lizard Orange-throated whiptail Coastal CA. gnatcatcher Bobcat Intermediate mariposa-lily
Size ¹	194 acres	67 acres	447 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



Chino Hills Core Habitat Area

Attributes	Priority Conservation Area A	Priority Conservation Area B	Priority Conservation Area C
Vegetation Communities	Annual grasses and forbs* Chaparral Sage scrub Coastal mixed hardwood* Live oak woodland Walnut woodland* Riparian mixed hardwood* Willow*	Annual grasses and forbs* Sage scrub Coastal mixed hardwood* Willow*	Annual grasses and forbs* Chaparral Sage scrub Coastal mixed hardwood* Live oak woodland Walnut woodland* Willow*
Filtered Species (#)	7	5	7
T & E Species	Coastal California gnatcatcher Least Bell's vireo	Coastal California gnatcatcher	Coastal California gnatcatcher Least Bell's vireo
M2 Species	Southwestern pond turtle Coastal cactus wren Coastal CA. gnatcatcher Least Bell's vireo Bobcat/mountain lion Many-stemmed dudleya	Southwestern pond turtle Coastal CA. gnatcatcher Bobcat/mountain lion Many-stemmed dudleya	Southwestern pond turtle No. red-diamond rattlesnake Coastal CA. gnatcatcher Least Bell's vireo Bobcat/mountain lion Many-stemmed dudleya Intermediate mariposa-lily
Size ¹	1,224 acres	197 acres	1,407 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



West Coyote Hills Core Habitat Area

Attributes	Priority Conservation Area A	Priority Conservation Area B	Priority Conservation Area C
Vegetation Communities	Annual grasses and forbs* Cactus scrub Sage scrub	Annual grasses and forbs* Chaparral Cactus scrub Sage scrub	Annual grasses and forbs* Chaparral Cactus scrub Sage scrub
Filtered Species (#)	4	4	4
T & E Species	Coastal California gnatcatcher	Coastal California gnatcatcher	Coastal California gnatcatcher
M2 Species	Coastal cactus wren Coastal CA. gnatcatcher So. CA. rufous-crowned sparrow Intermediate mariposa-lily?	Coastal cactus wren Coastal CA. gnatcatcher So. CA. rufous-crowned sparrow Intermediate mariposa-lily?	Coastal cactus wren Coastal CA. gnatcatcher So. CA. rufous-crowned sparrow Intermediate mariposa-lily?
Size ¹	120 acres	150 acres	161 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



Upper Santa Ana River Core Habitat Area

Attributes	Priority Conservation Area A	Priority Conservation Area B	Priority Conservation Area C
Vegetation Communities	Willow*	Annual grasses and forbs Fremont cottonwood* Riparian mixed hardwood* Willow*	Fremont cottonwood* Riparian mixed hardwood* Willow*
Filtered Species (#)	5	6	3
T & E Species	Santa Ana sucker (habitat) Coastal CA. gnatcatcher	Santa Ana sucker (habitat) Least Bell's vireo Southwestern willow flycatcher	---
M2 Species	Santa Ana sucker Southwestern pond turtle Coastal California gnatcatcher Bobcat Mountain lion	Santa Ana sucker Southwestern pond turtle Least Bell's vireo Southwestern willow flycatcher Bobcat Mountain lion	Southwestern pond turtle Bobcat Mountain lion
Size ¹	7 acres	166 acres	21 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



Bolsa Chica Core Habitat Area

Attributes	Priority Conservation Area G	Priority Conservation Area H	Priority Conservation Area I	Priority Conservation Area J	Priority Conservation Area K
Vegetation Communities	Annual grasses and forbs* Pickleweed-cordgrass Riparian mixed hardwood*	Annual grasses and forbs*	Annual grasses and forbs* Pickleweed-cordgrass	Annual grasses and forbs* Pickleweed-cordgrass	Annual grasses and forbs*
Filtered Species (#)	5	4	4	2	3
T & E Species	Belding's savannah sparrow Light-footed clapper rail	Belding's savannah sparrow Light-footed clapper rail Saltmarsh bird's-beak	California least tern Saltmarsh bird's-beak	California least tern	Belding's savannah sparrow Saltmarsh bird's-beak
M2 Species	Southern tarplant	Southern tarplant	Southern tarplant	Coastal CA. gnatcatcher	---
Size ¹	14 acres	24 acres	12 acres	69 acres	8 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



Santa Ana River Mouth Core Habitat Area

Attributes	Priority Conservation Area A	Priority Conservation Area B	Priority Conservation Area C	Priority Conservation Area D	Priority Conservation Area E
Vegetation Communities	Annual grasses and forbs* Coastal bluff scrub*	Annual grasses and forbs*	Annual grasses and forbs*	Annual grasses and forbs*	Annual grasses and forbs* Willow*
Filtered Species (#)	3	3	1	1	0
T & E Species	Coastal California gnatcatcher	Coastal California gnatcatcher	Coastal California gnatcatcher	Coastal California gnatcatcher	---
M2 Species	Coastal CA. gnatcatcher Southern tarplant	Coastal CA. gnatcatcher Southern tarplant	Coastal CA. gnatcatcher	Coastal CA. gnatcatcher	---
Size ¹	135 acres	11 acres	13 acres	8 acres	9 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



Upper Newport Bay Core Habitat Area

Attributes	Priority Conservation Area F
Vegetation Communities	Coastal bluff scrub*
Filtered Species (#)	3
T & E Species	Coastal CA. gnatcatcher
M2 Species	Coastal CA. gnatcatcher Many-stemmed dudleya
Size ¹	4 acres

* Regionally under-protected vegetation type.

¹ Acreage may include nonnative habitat or developed areas.



Appendix G.2 Priority Conservation Area Attributes: Linkages

Trabuco Creek and San Juan Creek Linkages

Attributes	Priority Conservation Area A ¹	Priority Conservation Area B ¹	Priority Conservation Area C ²	Priority Conservation Area D ¹	Priority Conservation Area E ³	Priority Conservation Area F ²	Priority Conservation Area G ³
Vegetation Communities	Annual grasses and forbs* Sage scrub	Annual grasses and forbs* Willow*	Annual grasses and forbs* Sage scrub	Annual grasses and forbs* Sage scrub Willow*	Annual grasses and forbs* Sage scrub Riparian mixed shrub* Willow*	Annual grasses and forbs* Riversidean alluvial scrub Live oak wldland Riparian mixed shrub*	Annual grasses and forbs* Riversidean alluvial scrub Sage scrub Live oak wldland CA. sycamore Riparian mixed shrub* Willow*
Filtered Species (#)	2	3	2	3	2	3	5
T & E Species	Coastal CA. gnatcatcher	Coastal CA. gnatcatcher Steelhead trout	Coastal CA. gnatcatcher	Coastal CA. gnatcatcher Least Bell's vireo	Coastal CA. gnatcatcher	Arroyo toad	Coastal CA. gnatcatcher Least Bell's vireo
M2 Species	Coastal CA. gnatcatcher Bobcat?	Coastal CA. gnatcatcher Bobcat?	Coastal CA. gnatcatcher Bobcat?	Coastal CA. gnatcatcher Least Bell's vireo Bobcat?	Coastal CA. gnatcatcher Bobcat?	Arroyo chub Arroyo toad Bobcat?	Arroyo chub Orange-throated whiptail Coastal CA. gnatcatcher Least Bell's vireo Bobcat
Size ⁴	9 acres	70 acres	119 acres	72 acres	41 acres	395 acres	310 acres

* Regionally under-protected vegetation type.



- ¹ Included in both linkages.
- ² San Juan Creek linkage only.
- ³ Trabuco Creek linkage only.
- ⁴ Acreage may include nonnative habitat or developed areas.



APPENDIX H

PARCEL DISTRIBUTION IN PRIORITY CONSERVATION AREAS

APPENDIX H.1 PARCEL DISTRIBUTION IN PRIORITY
CONSERVATION AREAS

APPENDIX H.2 *SUBMITTAL* PARCEL DISTRIBUTION IN
PRIORITY CONSERVATION AREAS



Appendix H.1 Parcel Distribution within Priority Conservation Areas

Santa Ana Mountains Core Habitat Area

Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
Priority Conservation Area SA-A				
105-022-40	ANDREW EDWARDS	High	Santa Ana Mountains	
105-020-70	ANDREW EDWARDS	High	Santa Ana Mountains	
105-020-40	ANDREW EDWARDS	High	Santa Ana Mountains	
105-051-12	BAKER SQUARE LLC	High	Santa Ana Mountains	
105-201-13	BENJAMIN F SLOAN	High	Santa Ana Mountains	
105-201-07	BENJAMIN F SLOAN	High	Santa Ana Mountains	
105-251-11	BENNY H VILORIA	High	Santa Ana Mountains	
105-101-04	BETTY JOAN MASON	High	Santa Ana Mountains	
876-011-17	BLUE CHIP INVESTMENTS	High	Santa Ana Mountains	
105-233-20	BONNIE J SMITH	High	Santa Ana Mountains	
105-270-28	CHURCH SADDLEBACK VALLEY COMMUNITY	High	Santa Ana Mountains	
105-102-41	CRAIG B WHEELER	High	Santa Ana Mountains	
105-252-57	DALE CHARLES/BRENDA CAROL FRIDAY	High	Santa Ana Mountains	
876-021-09	DANIEL J & BRENDA J DONAHUE	High	Santa Ana Mountains	
876-011-10	DANIEL J DONAHUE	High	Santa Ana Mountains	
876-011-09	DANIEL J DONAHUE	High	Santa Ana Mountains	
876-011-28	DAVID T & SYLVIA Y QUEZADA	High	Santa Ana Mountains	
876-021-14	DAVID YUET-LAM CHENG	High	Santa Ana Mountains	
105-252-27	EDWARD A REED	High	Santa Ana Mountains	
105-251-02	EDWARD R & LORE FREDETTE	High	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-201-06	GERHARD L SCHULTZ	High	Santa Ana Mountains	
105-252-58	GREG KILLINGSWORTH	High	Santa Ana Mountains	
876-021-16	HATEM & TENICE E HAJALI	High	Santa Ana Mountains	
105-040-39	HENRY B TUTTLE	High	Santa Ana Mountains	
105-040-38	HENRY B TUTTLE	High	Santa Ana Mountains	
105-040-40	HENRY B TUTTLE	High	Santa Ana Mountains	
105-051-17	JACK POSNIKOFF	High	Santa Ana Mountains	
105-101-22	JACK POSNIKOFF	High	Santa Ana Mountains	
876-021-18	JAMES MILTON GITTELSON	High	Santa Ana Mountains	
105-040-29	KANE RANCH LAND STEWARDSHIP & CATTLE COMPANY LLC	High	Santa Ana Mountains	
105-102-62	KANE RANCH LAND STEWARDSHIP & CATTLE COMPANY LLC	High	Santa Ana Mountains	
105-102-39	KANE RANCH LAND STEWARDSHIP AND CATTLE CO LLC	High	Santa Ana Mountains	
105-201-73	KAZIMIERZ & LINDA RUTH BACZYNSKI	High	Santa Ana Mountains	
876-021-06	LEHMAN HUTTON CD N FOR BUNNY PAPPAS-MAROWI SHEARSON	High	Santa Ana Mountains	
105-201-04	LIFE IMPACT MINISTRIES INTERNATIONAL	High	Santa Ana Mountains	
105-201-66	LIFE IMPACT MINISTRIES INTERNATIONAL	High	Santa Ana Mountains	
105-252-14	LINDA M & MICHAEL A GRANAT	High	Santa Ana Mountains	
105-252-15	MARK & IRMA LEVY	High	Santa Ana Mountains	
105-252-34	MICHAEL R & MARY P SMITH	High	Santa Ana Mountains	
105-040-14	MILLAN K VIRGINIA MC	High	Santa Ana Mountains	
105-201-05	MORGAN B DUNN	High	Santa Ana Mountains	
105-201-08	MORGAN B DUNN	High	Santa Ana Mountains	
105-201-09	MORGAN B DUNN	High	Santa Ana Mountains	
105-101-10	NRLL INC	High	Santa Ana Mountains	
105-240-17	ORANGE COUNTY FIRE AUTHORITY	High	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
876-011-20	RICK KENNEY	High	Santa Ana Mountains	
105-233-19	ROBERT M LYNCH	High	Santa Ana Mountains	
105-252-05	ROSALIE M DECURTINS	High	Santa Ana Mountains	
105-252-07	ROSALIE M DECURTINS	High	Santa Ana Mountains	
105-051-58	ROSS DR THORILD A & MAGNH ILD A ROSS FAM LTD PTNSH	High	Santa Ana Mountains	
105-201-16	SHIRLEY J MODLIN	High	Santa Ana Mountains	
105-102-25	SILVERADO CANYON LIMITED PARTNERSHIP	High	Santa Ana Mountains	
105-101-39	STACEY LYNN MC NULTY	High	Santa Ana Mountains	
105-040-12	STAN & LYLA V BOWEN	High	Santa Ana Mountains	
105-102-37	STEPHAN A & ALISON C HENNES	High	Santa Ana Mountains	
105-252-68	STUART E GOTHOLD	High	Santa Ana Mountains	
105-101-05	STUART MAC PHERSON	High	Santa Ana Mountains	
105-101-07	STUART MAC PHERSON	High	Santa Ana Mountains	
105-252-06	VERNON L BOOTH	High	Santa Ana Mountains	
876-011-15	VVH INC	High	Santa Ana Mountains	
105-022-41		High	Santa Ana Mountains	
105-142-59	A E ARNOLD	Medium	Santa Ana Mountains	
105-201-14	AHMED N MALLEY	Medium	Santa Ana Mountains	
105-122-06	ALBERT F GOODRICH	Medium	Santa Ana Mountains	
105-122-07	ALBERT F GOODRICH	Medium	Santa Ana Mountains	
105-122-39	ALEX BENNETT	Medium	Santa Ana Mountains	
105-122-09	ALEX BENNETT	Medium	Santa Ana Mountains	
105-300-05	ALEXANDRA L & BEN F SLOAN	Medium	Santa Ana Mountains	
105-102-59	ALLEN B CHRISTIAN	Medium	Santa Ana Mountains	
105-112-10	AMBROSE Z & MARY M JIMENEZ	Medium	Santa Ana Mountains	
105-112-09	AMBROSE Z JIMENEZ	Medium	Santa Ana Mountains	
105-201-62	AMD CONSTRUCTION GROUP INC	Medium	Santa Ana Mountains	
105-201-64	AMD CONSTRUCTION GROUP INC	Medium	Santa Ana Mountains	
105-201-63	AMD CONSTRUCTION GROUP INC	Medium	Santa Ana Mountains	
105-201-65	AMD CONSTRUCTION GROUP INC	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-140-05	ANDREW ALAN WARD	Medium	Santa Ana Mountains	
105-112-22	ANDREW B & BETH J WATSON	Medium	Santa Ana Mountains	
105-172-22	ANDREW T & KATHY T RUTKIN	Medium	Santa Ana Mountains	
105-252-67	ANDREW TONKOVICH	Medium	Santa Ana Mountains	
105-172-24	ANKER JACOBSEN	Medium	Santa Ana Mountains	
105-172-25	ANKER JACOBSEN	Medium	Santa Ana Mountains	
105-201-23	ANNA HART	Medium	Santa Ana Mountains	
105-171-67	ANNETTE J ROY	Medium	Santa Ana Mountains	
105-140-13	ANTHONY TIANO	Medium	Santa Ana Mountains	
105-152-25	ARTHUR A & PATRICIA L LOYA	Medium	Santa Ana Mountains	
105-122-47	ARTHUR R & HAVEN M TIECK	Medium	Santa Ana Mountains	
105-122-18	ARTHUR R & HAVEN M TIECK	Medium	Santa Ana Mountains	
105-300-10	BARBARA EILEEN SEARS	Medium	Santa Ana Mountains	
105-300-10	BARBARA EILEEN SEARS	Medium	Santa Ana Mountains	
876-011-01	BEATRICE LEVINE	Medium	Santa Ana Mountains	
858-021-18	BEAZER HOMES HOLDINGS CORP	Medium	Santa Ana Mountains	
105-102-63	BEN VALENTINE	Medium	Santa Ana Mountains	
105-171-46	BEN VALENTINE	Medium	Santa Ana Mountains	
105-171-41	BEN VALENTINE	Medium	Santa Ana Mountains	
105-210-04	BENJAMIN F & ALEXANDRA L SLOAN	Medium	Santa Ana Mountains	
105-171-42	BENJAMIN V & ANDREA F VALENTINE	Medium	Santa Ana Mountains	
105-160-26	BETTY MARGARET MAUDLIN	Medium	Santa Ana Mountains	
105-142-48	BILL BEDFORD	Medium	Santa Ana Mountains	
105-122-19	BOB LOEFFLER	Medium	Santa Ana Mountains	
105-180-37	BRADLEY A & TAMARA SCOTT	Medium	Santa Ana Mountains	
105-142-47	BRETT & CHALYNN M PETERSON	Medium	Santa Ana Mountains	
105-132-10	BRIAN & JENNIFER BRODHAGEN	Medium	Santa Ana Mountains	
105-141-14	BROOKE C & DENISE J SMITH	Medium	Santa Ana Mountains	
105-141-15	BROOKE C & DENISE J SMITH	Medium	Santa Ana Mountains	
105-152-20	BRUCE A MARIEN	Medium	Santa Ana Mountains	
105-201-36	BRUCE MC DOUGAL	Medium	Santa Ana Mts/Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-130-11	BUCK'S LAND MEETS THE SEA	Medium	Santa Ana Mountains	
105-141-10	C STOUT	Medium	Santa Ana Mountains	
105-060-26	CALVARY CHAPEL OF THE CANYONS	Medium	Santa Ana Mountains	
105-060-25	CALVARY CHAPEL OF THE CANYONS	Medium	Santa Ana Mountains	
105-051-11	CARL H REINHART	Medium	Santa Ana Mountains	
105-070-62	CARL SOLLEY	Medium	Santa Ana Mountains	
105-151-05	CAROLE E DEERING	Medium	Santa Ana Mountains	
105-171-78	CASS E & ELEONORE CLAGG	Medium	Santa Ana Mountains	
105-112-16	CASS E & ELEONORE CLAGG	Medium	Santa Ana Mountains	
105-160-07	CASSANDRA ANTOINETTE GIRARD	Medium	Santa Ana Mountains	
105-111-20	CATHERINE G ADEFF	Medium	Santa Ana Mountains	
105-171-76	CATHERINE L NOWAK	Medium	Santa Ana Mountains	
105-171-58	CATHERINE LEE NOWAK	Medium	Santa Ana Mountains	
105-171-56	CATHERINE LEE NOWAK	Medium	Santa Ana Mountains	
876-041-01	CCRC FARMS LLC	Medium	Santa Ana Mountains	
105-051-84	CCRC FARMS LLC	Medium	Santa Ana Mountains	
105-201-41	CECILIA J LIN	Medium	Santa Ana Mountains	
105-101-27	CHARLES H STANLEY	Medium	Santa Ana Mountains	
105-160-13	CHARLES R JOHNSTON	Medium	Santa Ana Mountains	
105-300-04	CHARLES W PEARSON	Medium	Santa Ana Mountains	
105-160-25	CHARLES W WINGE	Medium	Santa Ana Mountains	
105-252-20	CHRISTOPHER G & DAYANA R EDWARDS	Medium	Santa Ana Mountains	
105-261-35	CHRISTOPHER M & LISA C COYTE	Medium	Santa Ana Mountains	
105-142-45	CHRISTY L ESPENSHADE	Medium	Santa Ana Mountains	
105-201-74	CHURCH SADDLEBACK VALLEY COMMUNITY	Medium	Santa Ana Mountains	
105-121-15	CLARICE COSTA	Medium	Santa Ana Mountains	
105-121-16	CLARICE COSTA	Medium	Santa Ana Mountains	
105-060-01	CLARK VALENTINE	Medium	Santa Ana Mountains	
105-132-29	COLLEEN M LONG	Medium	Santa Ana Mountains	
105-160-34	CONNIE B NELSON	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-133-48	CONNIE CARTER	Medium	Santa Ana Mountains	
105-160-32	CONNIE NELSON	Medium	Santa Ana Mountains	
105-160-27	CONNIE NELSON	Medium	Santa Ana Mountains	
105-232-05	CONSTANCE E CONAWAY	Medium	Santa Ana Mountains	
105-140-11	CORI E & AARON L COMBS	Medium	Santa Ana Mountains	
105-142-58	CORNELIUS FICHTNER	Medium	Santa Ana Mountains	
105-171-59	CRAIG B WHEELER	Medium	Santa Ana Mountains	
105-171-64	CRAIG B WHEELER	Medium	Santa Ana Mountains	
105-102-40	CRAIG B WHEELER	Medium	Santa Ana Mountains	
105-171-27	CRAIG B WHEELER	Medium	Santa Ana Mountains	
105-180-26	CRAIG EDWARD BORDEN	Medium	Santa Ana Mountains	
105-262-41	CSU FULLERTON AUXILIARY SERVICES CORP	Medium	Santa Ana Mountains	
105-262-46	CSU FULLERTON AUXILIARY SERVICES CORP	Medium	Santa Ana Mountains	
105-261-31	CSU FULLERTON AUXILIARY SERVICES CORP	Medium	Santa Ana Mountains	
105-111-31	CYNTHIA HANDEN	Medium	Santa Ana Mountains	
105-131-18	DALE L & KAREN A AVISS	Medium	Santa Ana Mountains	
105-060-07	DANA JUDD	Medium	Santa Ana Mountains	
105-142-49	DANA M BUTLER	Medium	Santa Ana Mountains	
876-021-11	DANIEL J & BRENDA J DONAHUE	Medium	Santa Ana Mountains	
105-160-17	DANIEL R MIRANDA	Medium	Santa Ana Mountains	
105-111-21	DANIEL SOUCY	Medium	Santa Ana Mountains	
105-133-14	DARLENE SHURDEN	Medium	Santa Ana Mountains	
105-133-50	DARLENE SHURDEN	Medium	Santa Ana Mountains	
105-171-26	DARRELL L KNUDSON	Medium	Santa Ana Mountains	
105-140-04	DAVID & KAREN E JONES	Medium	Santa Ana Mountains	
105-232-75	DAVID & KAREN PRECUP	Medium	Santa Ana Mountains	
105-133-19	DAVID A TEISSERE	Medium	Santa Ana Mountains	
105-140-15	DAVID A WONDERLY	Medium	Santa Ana Mountains	
105-141-33	DAVID ANTHONY BARROW	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-141-32	DAVID ANTHONY BARROW	Medium	Santa Ana Mountains	
105-132-15	DAVID ANTHONY BARROW	Medium	Santa Ana Mountains	
105-252-46	DAVID B & MARY A EMERY	Medium	Santa Ana Mountains	
105-122-50	DAVID CARL & ANNE E HIEBERT	Medium	Santa Ana Mountains	
105-122-13	DAVID F FERRE	Medium	Santa Ana Mountains	
105-180-45	DAVID G HOLEY	Medium	Santa Ana Mountains	
105-261-45	DAVID JAMES & CAROL ANNE STOKES	Medium	Santa Ana Mountains	
105-122-48	DAVID O & YVONNE E BURTON	Medium	Santa Ana Mountains	
105-122-37	DAVID O BURTON	Medium	Santa Ana Mountains	
105-122-51	DAVID OWEN & YVONNE ELIZABETH BURTON	Medium	Santa Ana Mountains	
105-112-17	DAVID PEREZ	Medium	Santa Ana Mountains	
105-151-21	DAVID WAYNE & PATRICIA A YOUNG	Medium	Santa Ana Mountains	
105-060-16	DAVID WAYNE VINCENT	Medium	Santa Ana Mountains	
105-201-70	DEBORAH E MYERS	Medium	Santa Ana Mountains	
105-160-14	DEBORAH LORRAINE JOHNSON	Medium	Santa Ana Mountains	
105-133-11	DEBORAH WHISTLER	Medium	Santa Ana Mountains	
105-252-47	DECKER G MC ALLISTER	Medium	Santa Ana Mountains	
105-132-33	DENNIS GRAHAM	Medium	Santa Ana Mountains	
105-252-02	DENNIS L & SUSAN I MC HALE	Medium	Santa Ana Mountains	
105-133-44	DIANE C YOUNG	Medium	Santa Ana Mountains	
105-133-12	DIANE CYNTHIA YOUNG	Medium	Santa Ana Mountains	
105-051-79	DIANE F LOPEZ	Medium	Santa Ana Mountains	
105-031-86	DIANE F LOPEZ	Medium	Santa Ana Mountains	
105-111-04	DIEN DA DINH	Medium	Santa Ana Mountains	
876-021-20	DON EUGENE & SANDRA FAY RITZE	Medium	Santa Ana Mountains	
105-133-20	DONALD F REISS	Medium	Santa Ana Mountains	
105-060-13	DONALD R HROSSOWYC	Medium	Santa Ana Mountains	
105-180-46	DONALD R SKJERVEN	Medium	Santa Ana Mountains	
105-142-18	DONALD STEVEN RICE	Medium	Santa Ana Mountains	
105-262-50	DONNA JACKMAN-CATHEY	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-132-18	DOROTHY L RICE	Medium	Santa Ana Mountains	
105-111-27	DOUG M SWEENEY	Medium	Santa Ana Mountains	
105-141-21	DOUGLAS MICHAEL & JENNICE RAE SCOTT	Medium	Santa Ana Mountains	
105-160-30	DOUGLAS P KANE	Medium	Santa Ana Mountains	
105-051-15	DOUGLAS P KANE	Medium	Santa Ana Mountains	
105-160-37	DOUGLAS P KANE	Medium	Santa Ana Mountains	
105-160-36	DOUGLAS P KANE	Medium	Santa Ana Mountains	
105-142-30	DOUGLAS A WIGNALL	Medium	Santa Ana Mountains	
105-121-22	ELIZABETH M & PETER J HALBOTH	Medium	Santa Ana Mountains	
105-172-11	ERIC-JOHN GUNTHER	Medium	Santa Ana Mountains	
876-071-03	ERICKA F & MANUEL MEDINA	Medium	Santa Ana Mountains	
105-270-27	ERIN & MERRIL J COLLINS	Medium	Santa Ana Mountains	
105-122-30	ESTHER HASTER	Medium	Santa Ana Mountains	
105-151-39	EUGENE J ROBINSON	Medium	Santa Ana Mountains	
105-232-58	FATEMEH HOLSTE	Medium	Santa Ana Mountains	
105-132-11	FELICIA C STUCKEN	Medium	Santa Ana Mountains	
105-232-09	FILIPPONE MARTHA EXEC WILLIAM F MAJER ESTATE	Medium	Santa Ana Mountains	
105-130-10	FRANCES V AYERS	Medium	Santa Ana Mountains	
105-111-16	FRANK & CANDACE LONG	Medium	Santa Ana Mountains	
876-071-05	FRED M & CANDICE A ITZKOVICS	Medium	Santa Ana Mountains	
876-071-04	FRED M ITKOVICS	Medium	Santa Ana Mountains	
876-011-04	FRED W Kaelber	Medium	Santa Ana Mountains	
105-122-01	FREDERICK J SZALKOWSKI	Medium	Santa Ana Mountains	
105-141-09	G STOUT	Medium	Santa Ana Mountains	
105-102-04	GABRIEL RASCOL	Medium	Santa Ana Mountains	
105-102-05	GABRIEL RASCOL	Medium	Santa Ana Mountains	
105-133-18	GARY ARMSTRONG	Medium	Santa Ana Mountains	
105-142-69	GAY ELISE CHESSELL	Medium	Santa Ana Mountains	
105-151-25	GEORGE & LINDA SMEATHAM	Medium	Santa Ana Mountains	
105-141-03	GEORGE E NAGELIN	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-152-24	GEORGE KACZMAREK	Medium	Santa Ana Mountains	
105-152-07	GEORGE KACZMAREK	Medium	Santa Ana Mountains	
105-152-23	GEORGE KACZMAREK	Medium	Santa Ana Mountains	
105-152-22	GEORGE KACZMAREK	Medium	Santa Ana Mountains	
876-021-12	GEORGE PANDELIDES	Medium	Santa Ana Mountains	
105-151-26	GEORGE SMEATHAM	Medium	Santa Ana Mountains	
105-300-18	GEORGE THOMAS BARNETT	Medium	Santa Ana Mountains	
105-132-17	GEORGE W & LORA S MEADOWS	Medium	Santa Ana Mountains	
105-151-27	GERALD A CAMPBELL	Medium	Santa Ana Mountains	
105-151-28	GERALD A CAMPBELL	Medium	Santa Ana Mountains	
105-152-19	GERALD F & MARY E MANSFIELD	Medium	Santa Ana Mountains	
105-151-32	GERTRUDE FERGUSON	Medium	Santa Ana Mountains	
105-151-20	GRANT DEAN CHAI	Medium	Santa Ana Mountains	
105-142-34	GREGORY H PETERSEN	Medium	Santa Ana Mountains	
105-142-10	GREGORY T & DONNA M EMMETT	Medium	Santa Ana Mountains	
105-140-09	GROVER L BEASLEY	Medium	Santa Ana Mountains	
105-131-09	GUY H BROSIUS	Medium	Santa Ana Mountains	
105-210-17	GUY JASPER PENDLEBURY COLDWELL	Medium	Santa Ana Mountains	
105-210-18	GUY JASPER PENDLEBURY COLDWELL	Medium	Santa Ana Mountains	
105-210-19	GUY JASPER PENDLEBURY COLDWELL	Medium	Santa Ana Mountains	
105-142-56	HELEN E SPENCE	Medium	Santa Ana Mountains	
105-142-07	HELEN E SPENCE	Medium	Santa Ana Mountains	
105-142-13	HESS R ANTHONY	Medium	Santa Ana Mountains	
105-141-11	HESS R ANTHONY	Medium	Santa Ana Mountains	
105-160-10	HOWARD Y MC CORKLE	Medium	Santa Ana Mountains	
867-071-04	HUNT FAMILY PARTNERSHIP	Medium	Santa Ana Mountains	
105-031-84	IFTIKHAR A KHAN	Medium	Santa Ana Mountains	
105-051-77	IFTIKHAR A KHAN	Medium	Santa Ana Mountains	
576-012-02	IRVINE CO	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-031-57	IRVINE CO	Medium	Santa Ana Mountains	
105-031-70	IRVINE CO	Medium	Santa Ana Mountains	
105-031-10	IRVINE CO	Medium	Santa Ana Mountains	
105-133-17	JACK BOYD	Medium	Santa Ana Mountains	
105-101-20	JACK POSNIKOFF	Medium	Santa Ana Mountains	
105-101-23	JACK POSNIKOFF	Medium	Santa Ana Mountains	
105-133-41	JACK R CHAMBERS	Medium	Santa Ana Mountains	
105-180-31	JAMES A & ANDREA R DIETZE	Medium	Santa Ana Mountains	
105-180-13	JAMES A DIETZE	Medium	Santa Ana Mountains	
105-102-64	JAMES ALFRED SWANEK	Medium	Santa Ana Mountains	
105-171-57	JAMES ALFRED SWANEK	Medium	Santa Ana Mountains	
105-122-26	JAMES ANTHONY MONAHAN	Medium	Santa Ana Mountains	
105-122-23	JAMES ANTHONY MONAHAN	Medium	Santa Ana Mountains	
105-160-04	JAMES B SALTER	Medium	Santa Ana Mountains	
105-261-08	JAMES C SILL	Medium	Santa Ana Mountains	
105-111-14	JAMES D & EMILY S EVERSOLL	Medium	Santa Ana Mountains	
105-111-13	JAMES D & EMILY S EVERSOLL	Medium	Santa Ana Mountains	
105-060-15	JAMES D COOKSEY	Medium	Santa Ana Mountains	
105-121-17	JAMES E & JEAN C FARR	Medium	Santa Ana Mountains	
105-252-19	JAMES E & ROSELL B LAGO	Medium	Santa Ana Mountains	
105-261-34	JAMES F CARMICHAEL	Medium	Santa Ana Mountains	
105-252-22	JAMES M MAMER	Medium	Santa Ana Mountains	
105-102-60	JAMES PHILIP DEMARCO	Medium	Santa Ana Mountains	
876-071-08	JAMES S MOSSOP	Medium	Santa Ana Mountains	
105-141-12	JAMES W KELLEY	Medium	Santa Ana Mountains	
105-132-28	JANICE KIPP PACK	Medium	Santa Ana Mountains	
105-151-19	JEAN BEASLEY	Medium	Santa Ana Mountains	
105-171-09	JEFF P MAXWELL	Medium	Santa Ana Mountains	
105-160-38	JEFFREY M & GRETCHEN L HOUK	Medium	Santa Ana Mountains	
105-133-36	JEFFREY W & MARY H MARKELL	Medium	Santa Ana Mountains	
105-142-23	JEFFREY W HARMAN	Medium	Santa Ana Mountains	
105-300-31	JENSEN J SELCH	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-152-05	JEREMY M JANSS	Medium	Santa Ana Mountains	
105-133-22	JOAN HOFFMAN	Medium	Santa Ana Mountains	
105-111-11	JOAN K TROUT	Medium	Santa Ana Mountains	
105-142-70	JOANIE MADRID	Medium	Santa Ana Mountains	
105-232-59	JOHN & BETH CUNNINGHAM	Medium	Santa Ana Mountains	
105-142-60	JOHN C & CYNTHIA M STEWART	Medium	Santa Ana Mountains	
867-021-01	JOHN F NORTON	Medium	Santa Ana Mountains	
105-121-03	JOHN L MITCHELL	Medium	Santa Ana Mountains	
105-300-06	JOHN M EPHLAND	Medium	Santa Ana Mountains	
105-300-07	JOHN M EPHLAND	Medium	Santa Ana Mountains	
105-300-17	JOHN M EPHLAND	Medium	Santa Ana Mountains	
105-300-07	JOHN M EPHLAND	Medium	Santa Ana Mountains	
105-132-25	JOHN MICHAEL DEICHERT	Medium	Santa Ana Mountains	
105-140-10	JOHN RUSSELL CLEVELAND	Medium	Santa Ana Mountains	
105-252-18	JOHN V & GEORGIA K MC DOUGAL	Medium	Santa Ana Mountains	
105-160-19	JOHN WILLIAM NEWTON	Medium	Santa Ana Mountains	
105-240-24	JOHNSON W KEITH	Medium	Santa Ana Mountains	
105-171-79	JONATHAN & REBECCA L STEIN	Medium	Santa Ana Mountains	
105-160-21	JOSE J OCHOA	Medium	Santa Ana Mountains	
105-262-48	JOSEPH & DEANNA BOMMARITO	Medium	Santa Ana Mountains	
105-122-14	JOSEPH LAMANNO	Medium	Santa Ana Mountains	
105-171-70	JUDITH M DAVIS	Medium	Santa Ana Mountains	
105-171-68	JUDITH M DAVIS	Medium	Santa Ana Mountains	
105-232-02	JUDITH WINONA WOOD	Medium	Santa Ana Mountains	
105-121-10	JUDY T MYERS	Medium	Santa Ana Mountains	
105-102-21	KANE RANCH LAND STEWARDSHIP & CATTLE COMPANY LLC	Medium	Santa Ana Mountains	
105-180-08	KANE RANCH LAND STEWARDSHIP & CATTLE CO LLC	Medium	Santa Ana Mountains	
105-180-49	KANE RANCH LAND STEWARDSHIP & CATTLE COMPANY LLC	Medium	Santa Ana Mountains	
105-102-43	KANE RANCH LAND STEWARDSHIP	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
	& CATTLE COMPANY LLC			
105-180-25	KANE RANCH LAND STEWARDSHIP & CATTLE COMPANY LLC	Medium	Santa Ana Mountains	
105-171-43	KANE RANCH LAND STEWARDSHIP AND CATTLE CO LLC	Medium	Santa Ana Mountains	
105-102-36	KANE RANCH LAND STEWARDSHIP AND CATTLE CO LLC	Medium	Santa Ana Mountains	
105-102-46	KANE RANCH LAND STEWARDSHIP & CATTLE CO	Medium	Santa Ana Mountains	
105-180-06	KANE RANCH LAND STEWARDSHIP & CATTLE COMPANY LLC	Medium	Santa Ana Mountains	
105-172-21	KAREN LYNNE NICHOLS	Medium	Santa Ana Mountains	
105-133-37	KARL GREENBLATT	Medium	Santa Ana Mountains	
105-172-10	KARL VINCENT KERANEN	Medium	Santa Ana Mountains	
105-133-13	KATHERINE M WEEKES	Medium	Santa Ana Mountains	
105-142-31	KATHERINE Z WIGNALL	Medium	Santa Ana Mountains	
105-142-52	KATHERINE Z WIGNALL	Medium	Santa Ana Mountains	
105-132-20	KATHY L MC INTYRE	Medium	Santa Ana Mountains	
105-111-12	KATHY L MC INTYRE	Medium	Santa Ana Mountains	
105-070-50	KEN KAPPLER	Medium	Santa Ana Mountains	
105-141-04	KENNETH MASON	Medium	Santa Ana Mountains	
105-122-05	KENNETH W & BETTY J LOWERY	Medium	Santa Ana Mountains	
105-111-06	KIM ALAN HARMS	Medium	Santa Ana Mountains	
105-180-34	KIP KLAYTON CRAIG	Medium	Santa Ana Mountains	
105-142-12	KRISTI SANDERS	Medium	Santa Ana Mountains	
105-160-11	KURT D LYSTNE	Medium	Santa Ana Mountains	
876-071-01	LANCE & AUTUMN TEMPLETON	Medium	Santa Ana Mountains	
105-102-26	LARRY CRAIG WARD	Medium	Santa Ana Mountains	
105-142-25	LARRY D GILSTRAP	Medium	Santa Ana Mountains	
105-112-18	LARRY E COX	Medium	Santa Ana Mountains	
105-202-75	LAURA MADARIAGA	Medium	Santa Ana Mountains	
105-201-88	LAURIE T & MARY E PARK	Medium	Santa Ana Mts/Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-201-86	LAURIE T & MARY E PARK	Medium	Santa Ana Mountains	
105-201-76	LAURIE T & MARY ELLEN PARK	Medium	Santa Ana Mountains	
105-102-01	LAWRENCE L & HENDRIKA C SOFONIO	Medium	Santa Ana Mountains	
105-102-03	LAWRENCE L & HENDRIKA C SOFONIO	Medium	Santa Ana Mountains	
105-102-02	LAWRENCE L & HENDRIKA C SOFONIO	Medium	Santa Ana Mountains	
105-201-17	LEHMAN HUTTON CD N FOR BUNNY PAPPAS-MAROWI SHEARSO	Medium	Santa Ana Mountains	
105-201-25	LEHMAN HUTTON CD N FOR BUNNY PAPPAS-MAROWI SHEARSO	Medium	Santa Ana Mountains	
105-201-24	LEHMAN HUTTON CD N FOR BUNNY PAPPAS-MAROWI SHEARSO	Medium	Santa Ana Mountains	
105-111-05	LEIA C SULLIVAN	Medium	Santa Ana Mountains	
105-160-05	LEIA C SULLIVAN	Medium	Santa Ana Mountains	
105-160-06	LEIA C SULLIVAN	Medium	Santa Ana Mountains	
105-142-65	LELAND F MC CULLOUGH	Medium	Santa Ana Mountains	
105-142-19	LESLIE G LEVY	Medium	Santa Ana Mountains	
105-210-09	LIFE IMPACT MINISTRIES INTERNATIONAL	Medium	Santa Ana Mountains	
105-210-10	LIFE IMPACT MINISTRIES INTERNATIONAL	Medium	Santa Ana Mountains	
105-210-11	LIFE IMPACT MINISTRIES INTERNATIONAL	Medium	Santa Ana Mountains	
105-201-02	LIFE IMPACT MINISTRIES INTERNATIONAL	Medium	Santa Ana Mountains	
105-210-14	LIFE IMPACT MINISTRIES INTERNATIONAL	Medium	Santa Ana Mountains	
105-210-15	LIFE IMPACT MINISTRIES INTERNATIONAL	Medium	Santa Ana Mountains	
105-210-16	LIFE IMPACT MINISTRIES	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
	INTERNATIONAL			
105-141-22	LINDA M UNGER	Medium	Santa Ana Mountains	
105-051-13	LINH NGOC NGUYEN	Medium	Santa Ana Mountains	
105-101-25	LINH NGOC NGUYEN	Medium	Santa Ana Mountains	
105-300-25	LISA A HABERMAN	Medium	Santa Ana Mountains	
105-121-23	LLOYD E FAULKNER	Medium	Santa Ana Mountains	
105-131-20	LLOYD G WENTWORTH	Medium	Santa Ana Mountains	
105-251-03	LORE & ED FREDETTE	Medium	Santa Ana Mountains	
105-261-37	LORI PRESCOTT	Medium	Santa Ana Mountains	
105-060-14	LORRAINE C BROWN	Medium	Santa Ana Mountains	
105-151-38	LOUIS EARL & CARLA S J ANDERSON	Medium	Santa Ana Mountains	
105-132-22	LOYAL G & KATIE J B PARSONS	Medium	Santa Ana Mountains	
105-132-37	LUCILLE I FITZPATRICK	Medium	Santa Ana Mountains	
105-132-38	LUCILLE I FITZPATRICK	Medium	Santa Ana Mountains	
105-132-39	LUCILLE I FITZPATRICK	Medium	Santa Ana Mountains	
105-151-06	LUCY BOWES	Medium	Santa Ana Mountains	
105-141-23	LYNDA M ESPINOZA	Medium	Santa Ana Mountains	
867-021-02	MAJOR R BRENT	Medium	Santa Ana Mountains	
105-160-33	MANORANJAN DUTT	Medium	Santa Ana Mountains	
105-172-20	MARCELA PEREZ	Medium	Santa Ana Mountains	
876-071-10	MARK A ROZELLE	Medium	Santa Ana Mountains	
105-131-19	MARK R BELTZ	Medium	Santa Ana Mountains	
105-252-62	MARK V BUILDERS INC	Medium	Santa Ana Mountains	
105-132-21	MARSHA RUTH LIMA	Medium	Santa Ana Mountains	
105-232-77	MARTHA EXEC WILLIAM F MAJER FILIPPONE	Medium	Santa Ana Mountains	
105-300-22	MARY ANN BROWN	Medium	Santa Ana Mountains	
105-300-20	MARY ANN BROWN	Medium	Santa Ana Mountains	
105-132-12	MARY E NYHAGEN	Medium	Santa Ana Mountains	
105-132-31	MARY LEE HAUSMANN	Medium	Santa Ana Mountains	
105-160-39	MARY SCHREIBER	Medium	Santa Ana Mountains	
876-011-25	MARYANN CAZZELL	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
876-052-47	MARYANN CAZZELL	Medium	Santa Ana Mountains	
105-142-50	MAUREEN WILLIAMSON	Medium	Santa Ana Mountains	
105-180-32	MAX LANDAU	Medium	Santa Ana Mountains	
105-141-38	MEGHAN C WARNER	Medium	Santa Ana Mountains	
105-131-03	MERLE WENDELL REQUARTH	Medium	Santa Ana Mountains	
105-140-07	MICHAEL & MARIA LUCY FRIEND	Medium	Santa Ana Mountains	
105-171-81	MICHAEL A & MARSHA R LIMA	Medium	Santa Ana Mountains	
105-232-06	MICHAEL A & MARY M HAWLEY	Medium	Santa Ana Mountains	
105-111-22	MICHAEL A DEUTSCH	Medium	Santa Ana Mountains	
105-171-34	MICHAEL DAVID MAYO	Medium	Santa Ana Mountains	
105-171-62	MICHAEL DAVID MAYO	Medium	Santa Ana Mountains	
105-151-02	MICHAEL G & LETA A BOECK	Medium	Santa Ana Mountains	
105-151-03	MICHAEL G & LETA A BOECK	Medium	Santa Ana Mountains	
105-171-08	MICHAEL J & JANA S BROWN	Medium	Santa Ana Mountains	
105-121-24	MICHAEL J & KIMBERLY A HANSEN	Medium	Santa Ana Mountains	
105-111-10	MICHAEL J RAMIREZ	Medium	Santa Ana Mountains	
105-261-41	MICHAEL J TEMPLE	Medium	Santa Ana Mountains	
105-262-49	MICHAEL JAMES REL YEA	Medium	Santa Ana Mountains	
105-132-16	MICHAEL JOHN & JANET DOLORES COUGHLIN	Medium	Santa Ana Mountains	
105-122-49	MICHAEL JOHN MULLEN	Medium	Santa Ana Mountains	
105-051-04	MICHAEL JON & DAWN E OSTGAARD	Medium	Santa Ana Mountains	
105-142-24	MICHAEL L PUTT	Medium	Santa Ana Mountains	
105-111-24	MICHAEL P GRAHN	Medium	Santa Ana Mountains	
105-111-25	MICHAEL P GRAHN	Medium	Santa Ana Mountains	
105-111-07	MICHAEL P GRAHN	Medium	Santa Ana Mountains	
105-040-42	MICHAEL RYAN MC MILLAN	Medium	Santa Ana Mountains	
105-040-41	MICHAEL RYAN MC MILLAN	Medium	Santa Ana Mountains	
105-102-58	MICHAEL SCOTT CLARK	Medium	Santa Ana Mountains	
105-172-14	MICHAEL SCOTT CLARK	Medium	Santa Ana Mountains	
105-171-07	MICHAEL T & TAMARA L FARRIS	Medium	Santa Ana Mountains	
105-300-29	MICHAEL WILSON	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-180-16	MIKE KUECHLER	Medium	Santa Ana Mountains	
105-121-18	MILKY KOHNO	Medium	Santa Ana Mountains	
105-250-03	MODJESKA RANCH CO	Medium	Santa Ana Mountains	
105-240-40	MODJESKA RANCH CO	Medium	Santa Ana Mountains	
105-250-06	MODJESKA RANCH CO	Medium	Santa Ana Mountains	
105-172-23	MONICA EDWARDS	Medium	Santa Ana Mountains	
105-171-53	MONTY & CAROL E RUTH	Medium	Santa Ana Mountains	
105-201-15	MORGAN B DUNN	Medium	Santa Ana Mountains	
105-180-42	NICOLE L HEROLD	Medium	Santa Ana Mountains	
105-160-18	NIGEL A & CHARLENE M KIRKLAND	Medium	Santa Ana Mountains	
105-101-11	NRLI INC	Medium	Santa Ana Mountains	
105-240-20	ORANGE COUNTY FIRE AUTHORITY	Medium	Santa Ana Mountains	
105-101-43	ORANGE COUNTY FIRE AUTHORITY	Medium	Santa Ana Mountains	
105-142-61	ORLANDO JAIMES GUZMAN	Medium	Santa Ana Mountains	
105-252-21	ORRIL L COMPTON	Medium	Santa Ana Mountains	
105-111-03	OSCAR & TANYA MUNOZ	Medium	Santa Ana Mountains	
105-142-44	OWNER UNKNOWN	Medium	Santa Ana Mountains	
105-133-49	PAMELA J CHRISTENSEN	Medium	Santa Ana Mountains	
105-160-16	PAMELA J KIRKHAM	Medium	Santa Ana Mountains	
105-142-67	PAMELA J SCHNABEL	Medium	Santa Ana Mountains	
105-180-51	PAMELA J WHITE	Medium	Santa Ana Mountains	
105-142-68	PAMELA JOY SCHNABEL	Medium	Santa Ana Mountains	
876-021-19	PAMELA LAU	Medium	Santa Ana Mountains	
105-121-19	PATRICIA ANN PARSELL	Medium	Santa Ana Mountains	
105-201-80	PATRICIA R TONDORF	Medium	Santa Ana Mts/Foothills	
105-152-21	PATRICK J ANTRIM	Medium	Santa Ana Mountains	
105-240-48	PAUL B JOHNSON	Medium	Santa Ana Mountains	
105-142-53	PAUL D DURON	Medium	Santa Ana Mountains	
105-151-33	PAUL D LIEB	Medium	Santa Ana Mountains	
105-111-08	PAUL E SENGIR	Medium	Santa Ana Mountains	
105-180-20	PAUL J LIMA	Medium	Santa Ana Mountains	
105-180-28	PAUL J LIMA	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-210-08	PAUL LIEB	Medium	Santa Ana Mountains	
105-232-76	PAUL M MICHELENA	Medium	Santa Ana Mountains	
105-140-12	PAULINE L WAITS	Medium	Santa Ana Mountains	
105-133-47	PETER BOLLINGER	Medium	Santa Ana Mountains	
105-133-27	PETER BOLLINGER	Medium	Santa Ana Mountains	
105-171-54	PETER J & SHANNON KELLY ASHWORTH	Medium	Santa Ana Mountains	
105-171-71	PETER J & SHANNON KELLY ASHWORTH	Medium	Santa Ana Mountains	
105-171-51	PETER J & SHANNON KELLY ASHWORTH	Medium	Santa Ana Mountains	
105-141-02	PETER O & SHERI E WILSON	Medium	Santa Ana Mountains	
105-151-07	PHILIP J BOOS	Medium	Santa Ana Mountains	
867-021-06	PHILIP S JACKSON	Medium	Santa Ana Mountains	
867-021-07	PHILIP S JACKSON	Medium	Santa Ana Mountains	
867-021-04	PHILIP S JACKSON	Medium	Santa Ana Mountains	
867-021-05	PHILIP S JACKSON	Medium	Santa Ana Mountains	
105-031-47	PHYLLIS MAY HENRY	Medium	Santa Ana Mountains	
105-051-60	PHYLLIS MAY HENRY	Medium	Santa Ana Mountains	
876-071-11	R D H GROUP DEVELOPMENT CORP	Medium	Santa Ana Mountains	
876-071-07	R D H GROUP DEVELOPMENT CORP	Medium	Santa Ana Mountains	
876-071-09	R D H GROUP DEVELOPMENT CORP	Medium	Santa Ana Mountains	
105-201-68	RALPH E & DIANE W LEE	Medium	Santa Ana Mountains	
105-201-26	RALPH E GOLDSBERRY	Medium	Santa Ana Mountains	
105-122-24	RAQUEL PRODIZ OSTRANDER	Medium	Santa Ana Mountains	
105-130-09	RAQUEL PRODIZ OSTRANDER	Medium	Santa Ana Mountains	
105-201-67	REID K ALEXANDER	Medium	Santa Ana Mountains	
105-210-13	RICHARD & BRENDA ESQUERRA	Medium	Santa Ana Mountains	
105-180-44	RICHARD C BARBER	Medium	Santa Ana Mountains	
105-133-52	RICHARD E ERTMAN	Medium	Santa Ana Mountains	
105-132-13	RICHARD E ERTMAN	Medium	Santa Ana Mountains	
105-133-05	RICHARD E ERTMAN	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-133-54	RICHARD E ERTMAN	Medium	Santa Ana Mountains	
105-133-56	RICHARD E ERTMAN	Medium	Santa Ana Mountains	
105-133-53	RICHARD E ERTMAN	Medium	Santa Ana Mountains	
105-133-28	RICHARD E ERTMAN	Medium	Santa Ana Mountains	
105-133-55	RICHARD E ERTMAN	Medium	Santa Ana Mountains	
105-070-03	RICHARD GEMMRIG	Medium	Santa Ana Mountains	
105-121-08	RICHARD P MAINVILLE	Medium	Santa Ana Mountains	
105-132-30	RICHARD TRENT DUNHAM	Medium	Santa Ana Mountains	
105-122-12	RICHARD TYE	Medium	Santa Ana Mountains	
105-300-16	RICHARD V & CAROLE L MCMILLAN	Medium	Santa Ana Mountains	
105-300-30	RICHARD W ZEILER	Medium	Santa Ana Mountains	
105-151-29	RICK BRUCKEN	Medium	Santa Ana Mountains	
105-300-23	RJB FAMILY TRUST	Medium	Santa Ana Mountains	
105-122-45	ROBERT F & SARA E BELL	Medium	Santa Ana Mountains	
105-102-08	ROBERT J REYNOLDS	Medium	Santa Ana Mountains	
105-102-09	ROBERT J REYNOLDS	Medium	Santa Ana Mountains	
105-121-02	ROBERT JOSEPH BUDIN	Medium	Santa Ana Mountains	
105-111-15	ROBERT LEBO	Medium	Santa Ana Mountains	
105-233-17	ROBERT M & ANNE MARIE CHAMPION	Medium	Santa Ana Mountains	
105-201-42	ROBERT S TODD	Medium	Santa Ana Mountains	
105-140-03	ROBERT T HOADLEY-LA TOURETTE	Medium	Santa Ana Mountains	
105-141-28	ROBERT T HOADLEY-LA TOURETTE	Medium	Santa Ana Mountains	
105-262-47	ROCKY MOUNTAIN PROPERTIES INC	Medium	Santa Ana Mountains	
105-132-19	RODNEY L MOON	Medium	Santa Ana Mountains	
105-180-41	ROGER A & JANET S ROHM	Medium	Santa Ana Mountains	
105-180-38	ROGER A & JANET S ROHM	Medium	Santa Ana Mountains	
876-071-02	ROGER D HART	Medium	Santa Ana Mountains	
105-233-42	ROGER G BICKELHAUPT	Medium	Santa Ana Mountains	
105-180-15	RONALD E & CECILIA TRAIN ARMSTRONG	Medium	Santa Ana Mountains	
105-133-30	RONALD F & ELIZABETH S WEISS	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-133-31	RONALD F & ELIZABETH SUSAN WEISS	Medium	Santa Ana Mountains	
105-133-40	RONALD J & SUSAN M CALLAHAN	Medium	Santa Ana Mountains	
105-201-71	RONALD J BROWN	Medium	Santa Ana Mountains	
105-122-04	RONALD JOSEPH BURNSTEIN	Medium	Santa Ana Mountains	
105-140-06	RONALD THERRIO	Medium	Santa Ana Mountains	
105-262-56	ROY JOHNSON	Medium	Santa Ana Mountains	
105-240-59	ROY JOHNSON	Medium	Santa Ana Mountains	
105-121-05	RUBEN & SUSSI RODRIGUEZ	Medium	Santa Ana Mountains	
858-021-11	RUTTER SANTIAGO L P	Medium	Santa Ana Mts/Foothills	Watson
105-141-08	S A DOAN	Medium	Santa Ana Mountains	
105-261-44	SAEED & SIMIN A KHANBOLOOKI	Medium	Santa Ana Mountains	
105-152-18	SAM R & VIVIAN A WYNGAARDEN	Medium	Santa Ana Mountains	
105-152-16	SAMUEL C STOUGHTON	Medium	Santa Ana Mountains	
105-201-72	SAMUEL P ADAMS	Medium	Santa Ana Mountains	
105-300-03	SANDRA L DUNN	Medium	Santa Ana Mountains	
105-180-50	SANTIAGO COU WATER DIST	Medium	Santa Ana Mountains	
105-180-03	SANTIAGO COU WATER DIST	Medium	Santa Ana Mountains	
105-121-01	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
105-180-47	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
105-122-25	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
105-122-16	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
105-122-15	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
105-180-48	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
105-180-04	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
105-180-02	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
105-122-17	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
105-270-22	SANTIAGO COUNTY WATER DIST	Medium	Santa Ana Mountains	
876-021-17	SANTIAGO COUNTY WATER DISTRICT	Medium	Santa Ana Mountains	
105-180-05	SANTIAGO COUNTY WATER DISTRICT	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-270-24	SANTIAGO COUNTY WATER DISTRICT	Medium	Santa Ana Mountains	
105-232-60	SANTIAGO COUNTY WATER DISTRICT	Medium	Santa Ana Mountains	
105-261-43	SCOTT & TRACY SHALD	Medium	Santa Ana Mountains	
105-070-61	SCOTT BREEDEN	Medium	Santa Ana Mountains	
105-111-23	SCOTT FRANK	Medium	Santa Ana Mountains	
105-172-13	SCOTT M GOLDING	Medium	Santa Ana Mountains	
105-172-01	SCOTT M GOLDING	Medium	Santa Ana Mountains	
105-172-12	SCOTT M GOLDING	Medium	Santa Ana Mountains	
105-171-80	SCOTT RAYMOND & PAMELA ANN BORSHEIM	Medium	Santa Ana Mountains	
105-171-75	SCOTT RAYMOND BORSHEIM	Medium	Santa Ana Mountains	
105-132-14	SEAN M & KRISTI L COLGAN	Medium	Santa Ana Mountains	
105-142-03	SHAWN PENDLEY & CORNELIUS FICHTNER	Medium	Santa Ana Mountains	
105-171-61	SHERRI WILLSON	Medium	Santa Ana Mountains	
105-122-20	SHERRILYN MALVIN	Medium	Santa Ana Mountains	
105-180-33	SHERYL W & WILLIAM B HIGGINS	Medium	Santa Ana Mountains	
105-121-21	SHIRLEY J REDMON	Medium	Santa Ana Mountains	
105-131-21	SIDNEY R OSBORN	Medium	Santa Ana Mountains	
105-051-02	SILVERADO CANYON LIMITED PARTNERSHIP	Medium	Santa Ana Mountains	
105-051-71	SILVERADO CANYON LIMITED PARTNERSHIP	Medium	Santa Ana Mountains	
105-051-67	SILVERADO CANYON LIMITED PARTNERSHIP	Medium	Santa Ana Mountains	
105-240-18	SILVERADO-MOJESKA RECREATION & PARKS DIST	Medium	Santa Ana Mountains	
105-240-19	SILVERADO-MOJESKA RECREATION & PARKS DIST	Medium	Santa Ana Mountains	
876-011-26	SIMON & SONIA GABRIEL	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-101-42	STACEY LYNN MC NULTY	Medium	Santa Ana Mountains	
105-122-44	STACEY LYNN SCHROEDER	Medium	Santa Ana Mountains	
105-171-65	STEPHAN A & ALISON C HENNES	Medium	Santa Ana Mountains	
105-171-39	STEPHAN A & ALISON C HENNES	Medium	Santa Ana Mountains	
105-102-34	STEPHAN A & ALISON C HENNES	Medium	Santa Ana Mountains	
105-131-04	STEPHEN & RUTH WILLIAMS	Medium	Santa Ana Mountains	
105-152-11	STEPHEN G CREASON	Medium	Santa Ana Mountains	
105-152-02	STEPHEN L CARTER	Medium	Santa Ana Mountains	
105-142-28	STEPHEN M KERRIGAN	Medium	Santa Ana Mountains	
105-131-17	STEVE & RUTH WILLIAMS	Medium	Santa Ana Mountains	
105-160-09	STEVEN CHAIKIN	Medium	Santa Ana Mountains	
105-133-35	STEVEN E KINNEY	Medium	Santa Ana Mountains	
105-051-14	STEVEN L & ALEXANDRA C SHNEIDER	Medium	Santa Ana Mountains	
105-151-01	STEVEN L & ALEXANDRA C SHNEIDER	Medium	Santa Ana Mountains	
105-142-54	STEVEN L & LONA J CARR	Medium	Santa Ana Mountains	
105-202-74	STEVEN L HAND	Medium	Santa Ana Mountains	
105-232-69	STEVEN L HAND	Medium	Santa Ana Mountains	
105-132-35	STEVEN MIZERA	Medium	Santa Ana Mountains	
105-171-19	STEVEN RAY ZYLSTRA	Medium	Santa Ana Mountains	
105-111-09	STEWART & KRISTEN VOELTZ	Medium	Santa Ana Mountains	
105-142-41	STUART MAC PHERSON	Medium	Santa Ana Mountains	
105-051-06	STUART MAC PHERSON	Medium	Santa Ana Mountains	
105-102-07	STUART MAC PHERSON	Medium	Santa Ana Mountains	
105-133-29	STUART MAC PHERSON	Medium	Santa Ana Mountains	
105-142-08	STUART MAC PHERSON	Medium	Santa Ana Mountains	
105-101-06	STUART MAC PHERSON	Medium	Santa Ana Mountains	
105-102-06	STUART MAC PHERSON	Medium	Santa Ana Mountains	
105-172-18	STUART MAC PHERSON	Medium	Santa Ana Mountains	
105-141-07	SUSAN A DOAN	Medium	Santa Ana Mountains	
105-140-14	SUSAN CAROLE DEERING	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-160-20	SUSAN D MORRIS	Medium	Santa Ana Mountains	
105-121-04	SUSAN F KUTZ	Medium	Santa Ana Mountains	
105-121-28	SUSAN JOLEY	Medium	Santa Ana Mountains	
105-132-27	SUSAN W VENABLE	Medium	Santa Ana Mountains	
105-101-13	TERRY L WEINHEIMER	Medium	Santa Ana Mountains	
105-171-52	TERRY VINCENT	Medium	Santa Ana Mountains	
105-121-29	THELMA DAWN MC EWAN-KLIMAN	Medium	Santa Ana Mountains	
105-232-28	THOMAS J HOLSTE	Medium	Santa Ana Mountains	
105-262-54	THOMAS K RIGNEY	Medium	Santa Ana Mountains	
105-262-53	THOMAS K RIGNEY	Medium	Santa Ana Mountains	
105-102-17	THOMAS M & ANGELA SMISEK	Medium	Santa Ana Mountains	
105-102-19	THOMAS M SMISEK	Medium	Santa Ana Mountains	
105-102-18	THOMAS M SMISEK	Medium	Santa Ana Mountains	
105-180-23	THOMAS P COX	Medium	Santa Ana Mountains	
105-252-45	THOMAS P TREACY	Medium	Santa Ana Mountains	
105-133-16	THOMAS RIESER	Medium	Santa Ana Mountains	
105-300-27	THOMAS T HAMMATT	Medium	Santa Ana Mountains	
105-132-36	THOMAS W SHEFFIELD	Medium	Santa Ana Mountains	
105-142-63	TIMOTHY J JANCA	Medium	Santa Ana Mountains	
105-133-51	TIMOTHY J JANCA	Medium	Santa Ana Mountains	
105-142-62	TIMOTHY J JANCA	Medium	Santa Ana Mountains	
105-142-14	TIMOTHY JAMES JANCA	Medium	Santa Ana Mountains	
105-142-15	TIMOTHY JAMES JANCA	Medium	Santa Ana Mountains	
105-141-36	TIMOTHY L NELSON	Medium	Santa Ana Mountains	
105-142-42	TIMOTHY M SALTER	Medium	Santa Ana Mountains	
105-152-04	TOD W SIDES	Medium	Santa Ana Mountains	
105-151-16	TOM RUZIKA	Medium	Santa Ana Mountains	
105-141-13	VALERIE A MALDONADO	Medium	Santa Ana Mountains	
105-132-04	VALERIE ASKOV	Medium	Santa Ana Mountains	
105-151-37	VALERIE J BLOOM	Medium	Santa Ana Mountains	
105-111-30	VIRGINIA L BUTA	Medium	Santa Ana Mountains	
105-121-26	VIRGINIA L BUTA	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-121-25	VIRGINIA L BUTA	Medium	Santa Ana Mountains	
105-122-43	VIRGINIA L BUTA	Medium	Santa Ana Mountains	
105-142-66	WARREN C COLEMAN	Medium	Santa Ana Mountains	
105-142-51	WARREN PAUL & ELIZABETH J BOVE	Medium	Santa Ana Mountains	
105-160-15	WAYNE RAPP	Medium	Santa Ana Mountains	
105-133-32	WENDY A HAYTER	Medium	Santa Ana Mountains	
105-101-40	WENDY Y CHU	Medium	Santa Ana Mountains	
105-151-30	WILBUR J MADDY	Medium	Santa Ana Mountains	
105-141-39	WILLIAM A GROENEWOLD	Medium	Santa Ana Mountains	
105-141-31	WILLIAM A GROENEWOLD	Medium	Santa Ana Mountains	
105-180-07	WILLIAM A WARD	Medium	Santa Ana Mountains	
105-141-37	WILLIAM ALLEN CODY	Medium	Santa Ana Mountains	
105-180-40	WILLIAM B MILLER	Medium	Santa Ana Mountains	
105-240-10	WILLIAM C JOHNSON	Medium	Santa Ana Mountains	
105-262-08	WILLIAM C JOHNSON	Medium	Santa Ana Mountains	
105-240-12	WILLIAM C JOHNSON	Medium	Santa Ana Mountains	
105-240-43	WILLIAM C JOHNSON	Medium	Santa Ana Mountains	
105-240-02	WILLIAM C JOHNSON	Medium	Santa Ana Mountains	
105-240-47	WILLIAM C JOHNSON	Medium	Santa Ana Mountains	
105-261-01	WILLIAM C JOHNSON	Medium	Santa Ana Mountains	
105-262-42	WILLIAM DEAN BROWN	Medium	Santa Ana Mountains	
105-262-43	WILLIAM DEAN BROWN	Medium	Santa Ana Mountains	
105-151-13	WILLIAM E & CYNTHIA L FINCH	Medium	Santa Ana Mountains	
105-151-12	WILLIAM E & CYNTHIA L FINCH	Medium	Santa Ana Mountains	
105-151-34	WILLIAM E & CYNTHIA L FINCH	Medium	Santa Ana Mountains	
105-160-08	WILLIAM H & BEVERLY A MILEHAM	Medium	Santa Ana Mountains	
105-142-64	WILLIAM H & JENNIFER L JOHNSON	Medium	Santa Ana Mountains	
105-262-55	WILLIAM L & PAULA J LA BAR	Medium	Santa Ana Mountains	
105-060-17	WILLIAM L EDNEY	Medium	Santa Ana Mountains	
105-152-12	WILLIAM L SMITH	Medium	Santa Ana Mountains	
105-060-18	WILLIAM LELAND EDNEY	Medium	Santa Ana Mountains	
105-201-97	WILLIAM R MCINTYRE	Medium	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-171-35	WILLIAM R WALZ	Medium	Santa Ana Mountains	
105-171-82	WILLIAM R WALZ	Medium	Santa Ana Mountains	
105-171-83	WILLIAM R WALZ	Medium	Santa Ana Mountains	
105-171-23	WILLIAM R WALZ	Medium	Santa Ana Mountains	
105-031-67		Medium	Santa Ana Mountains	
105-031-69		Medium	Santa Ana Mountains	
105-101-41	A R TAMARGO	Low	Santa Ana Mountains	
876-051-50	AHMAD ANVARINEJAD	Low	Santa Ana Mountains	
867-041-01	AKIN AKSU	Low	Santa Ana Mts/Foothills	
867-041-02	AKIN AKSU	Low	Santa Ana Mountains	
876-051-77	ALAN FOSSEN	Low	Santa Ana Mountains	
866-052-03	ALAN M LITZ	Low	Santa Ana Mts/Foothills	
876-051-70	ALBERT JUSTIN MURTZ	Low	Santa Ana Mountains	
105-070-59	ALBERT Y CHOW	Low	Santa Ana Mountains	
105-222-57	ALFRED & JANET LANG	Low	Santa Ana Mountains	
876-035-01	ALLAN & CRESSA COFFEE	Low	Santa Ana Mountains	
858-044-05	ALVA W METCALF	Low	Santa Ana Mts/Foothills	
105-222-56	ALVERDA KERSH	Low	Santa Ana Mountains	
105-222-55	ALVERDA KERSH	Low	Santa Ana Mountains	
105-222-54	ALVERDA KERSH	Low	Santa Ana Mountains	
105-222-47	AMELIA MARY MAY	Low	Santa Ana Mountains	
876-051-62	ANA B PRINGLES	Low	Santa Ana Mountains	
105-233-04	ANDREW MARQUEZ	Low	Santa Ana Mountains	
867-031-09	ANNA HART	Low	Santa Ana Mts/Foothills	
867-031-10	ANNA HART	Low	Santa Ana Mountains	
105-070-53	ANTHONY G & SUSAN L MACK	Low	Santa Ana Mountains	
105-253-16	ANTHONY PEREZ	Low	Santa Ana Mountains	
105-232-72	ARMSTRONG K & A MARGENE RONALD	Low	Santa Ana Mountains	
858-021-14	ARTHUR S CARISOZA	Low	Santa Ana Mts/Foothills	
858-044-18	ASHOK & SHRESHTHA A SAVDHARIA	Low	Santa Ana Mts/Foothills	
105-232-53	AURORA DAWN HARRIS	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
876-033-01	BAKER SQUARE LLC	Low	Santa Ana Mountains	
876-051-01	BAKER SQUARE LLC	Low	Santa Ana Mountains	
876-051-28	BARRETT R TESTER	Low	Santa Ana Mountains	
105-070-83	BEN P JOHNSON	Low	Santa Ana Mountains	
858-044-15	BENJAMIN IMAI	Low	Santa Ana Mts/Foothills	
866-052-05	BENNY H VILORIA	Low	Santa Ana Mts/Foothills	
105-232-45	BETTY L CHANEY	Low	Santa Ana Mountains	
105-232-46	BETTY L CHANEY	Low	Santa Ana Mountains	
105-240-06	BILLIE D NORMAN	Low	Santa Ana Mountains	
105-233-03	BOYD LEE & SANDRA MARIA SCHULTZ	Low	Santa Ana Mountains	
105-232-65	BRIAN J & KAREN L FRICK	Low	Santa Ana Mountains	
866-031-13	BRIAN V GERACI	Low	Santa Ana Mts/Foothills	
105-233-49	BRUCE H & MARJORIE BETH NEWELL	Low	Santa Ana Mountains	
105-233-34	BRUCE H NEWELL	Low	Santa Ana Mountains	
105-232-40	BRUCE SANFORD DAY	Low	Santa Ana Mountains	
867-031-07	BRUCE W SMITH	Low	Santa Ana Mountains	
876-034-05	CARL H REINHART	Low	Santa Ana Mountains	
876-034-04	CARL H REINHART	Low	Santa Ana Mountains	
105-070-81	CARL J & GWEN R SOLLEY	Low	Santa Ana Mountains	
105-070-82	CARL J & GWEN R SOLLEY	Low	Santa Ana Mountains	
105-070-62	CARL SOLLEY	Low	Santa Ana Mountains	
105-070-57	CARL SOLLEY	Low	Santa Ana Mountains	
105-070-84	CAROLYN RICHARDSON	Low	Santa Ana Mountains	
876-052-41	CARROLL R RUNYON	Low	Santa Ana Mountains	
876-034-01	CCRC FARMS LLC	Low	Santa Ana Mountains	
105-051-83	CCRC FARMS LLC	Low	Santa Ana Mountains	
105-051-85	CCRC FARMS LLC	Low	Santa Ana Mountains	
105-070-93	CCRC FARMS LLC	Low	Santa Ana Mountains	
876-051-39	CECELIA IRENE EVANS	Low	Santa Ana Mountains	
867-031-03	CHAD KEARNS	Low	Santa Ana Mts/Foothills	
867-031-05	CHAD KEARNS	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
867-031-04	CHAD KEARNS	Low	Santa Ana Mountains	
867-031-06	CHAD KEARNS	Low	Santa Ana Mountains	
876-051-08	CHAD S & BRANDALYN M BURTON	Low	Santa Ana Mountains	
876-033-15	CHAD S & BRANDALYN M BURTON	Low	Santa Ana Mountains	
105-070-48	CHARLES E JOHNSON	Low	Santa Ana Mountains	
105-070-56	CHARLES E JOHNSON	Low	Santa Ana Mountains	
105-070-76	CHARLES JAMES SCHILLING	Low	Santa Ana Mountains	
105-222-11	CHERYL LEE SANDLIN COOK	Low	Santa Ana Mountains	
858-021-15	CHRISTINA CLARE & MICHAEL DALE VAWSER	Low	Santa Ana Mts/Foothills	
105-251-06	CHRISTOPHER D & JOAN D WILSON	Low	Santa Ana Mountains	
105-232-51	CHRISTOPHER G EDWARDS	Low	Santa Ana Mountains	
876-062-03	CHRISTOPHER J ALVES	Low	Santa Ana Mountains	
876-061-03	CLAIRE RENEE ANN LE	Low	Santa Ana Mountains	
876-062-02	CLAIRE RENEE ANN LE	Low	Santa Ana Mountains	
867-011-30	CLARENCE ARTHUR NISSON	Low	Santa Ana Mountains	
876-033-07	CLARENCE R NICHOLS	Low	Santa Ana Mountains	
876-034-06	CLARENCE R NICHOLS	Low	Santa Ana Mountains	
876-011-05	CLAUDE G FRANKLIN	Low	Santa Ana Mountains	
876-061-01	COLE A CHEVALIER	Low	Santa Ana Mountains	
876-061-02	COLE A CHEVALIER	Low	Santa Ana Mountains	
876-062-01	COLE CHEVALIER	Low	Santa Ana Mountains	
867-042-02	CRAIG A & SUZANNE M SMITH	Low	Santa Ana Mountains	
876-052-17	CRYSTAL LYONS-TRACY	Low	Santa Ana Mountains	
105-262-15	CSU FULLERTON AUXILIARY SERVICES CORP	Low	Santa Ana Mountains	
876-052-11	CURTIS A EVANS	Low	Santa Ana Mountains	
858-021-20	CYN SDLBK	Low	Santa Ana Mts/Foothills	
105-070-31	CYNTHIA A & DAVID J BEAMAN	Low	Santa Ana Mountains	
105-070-32	CYNTHIA A & DAVID J BEAMAN	Low	Santa Ana Mountains	
105-232-71	CYNTHIA ABRAHAMSON	Low	Santa Ana Mountains	
105-070-51	CYNTHIA DENISE BROWN	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-060-28	DANA ANN JUDD	Low	Santa Ana Mountains	
105-060-23	DANA ANN JUDD	Low	Santa Ana Mountains	
105-222-23	DANIEL P MARTIN	Low	Santa Ana Mountains	
867-011-11	DANIEL T & JACKIE L HARE	Low	Santa Ana Mountains	
105-232-74	DANNY E BROWN	Low	Santa Ana Mountains	
876-061-04	DARRELL D & CAROL A WRIGHT	Low	Santa Ana Mountains	
876-062-06	DARRELL D WRIGHT	Low	Santa Ana Mountains	
105-232-22	DAVID B BOQUETTE	Low	Santa Ana Mountains	
105-232-23	DAVID B RODEWALD	Low	Santa Ana Mountains	
867-011-12	DAVID C & SHERYL L EDGAR	Low	Santa Ana Mountains	
105-070-77	DAVID G & JANET L HOLEY	Low	Santa Ana Mountains	
105-232-24	DAVID J MC NEIL	Low	Santa Ana Mountains	
105-261-46	DAVID JAMES & CAROL ANNE STOKES	Low	Santa Ana Mountains	
105-232-12	DAWN LEE LYNCH	Low	Santa Ana Mountains	
105-221-27	DEBORAH G HARTWICK	Low	Santa Ana Mountains	
105-251-07	DEBRA S BRODY	Low	Santa Ana Mountains	
105-233-11	DEBRA S BRODY	Low	Santa Ana Mountains	
105-221-16	DEBRA THOMAS	Low	Santa Ana Mountains	
105-201-95	DEIRDRE GOUGH	Low	Santa Ana Mountains	
105-201-94	DEIRDRE GOUGH	Low	Santa Ana Mountains	
876-034-25	DELIA PARTIDA	Low	Santa Ana Mountains	
105-232-43	DENISE TRIZINSKY	Low	Santa Ana Mountains	
876-051-52	DENNIS D GOLDSTEIN	Low	Santa Ana Mountains	
876-051-53	DENNIS D GOLDSTEIN	Low	Santa Ana Mountains	
876-051-51	DENNIS GOLDSTEIN	Low	Santa Ana Mountains	
876-051-33	DENNIS R CARLSON	Low	Santa Ana Mountains	
876-051-60	DENNIS R CARLSON	Low	Santa Ana Mountains	
105-070-90	DEREK F & LORI A MARTIN	Low	Santa Ana Mountains	
105-070-89	DEREK F & LORI A MARTIN	Low	Santa Ana Mountains	
105-031-91	DIANE F LOPEZ	Low	Santa Ana Mountains	
105-051-82	DIANE F LOPEZ	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-051-81	DIANE F LOPEZ	Low	Santa Ana Mountains	
105-051-75	DIANE F LOPEZ	Low	Santa Ana Mountains	
105-031-90	DIANE F LOPEZ	Low	Santa Ana Mountains	
105-031-86	DIANE F LOPEZ	Low	Santa Ana Mountains	
105-051-69	DIANE F LOPEZ	Low	Santa Ana Mountains	
876-033-25	DOLLY ROSEMARY KRABBE	Low	Santa Ana Mountains	
866-052-04	DON D & LIDIA ANA KUSICKI	Low	Santa Ana Mts/Foothills	
867-011-28	DONALD C & ANN M ARMBRUSTER	Low	Santa Ana Mountains	
876-033-09	DONALD J DAVIS	Low	Santa Ana Mountains	
105-233-31	DORIS L MANNING	Low	Santa Ana Mountains	
105-233-36	DOROTHY PEARL BURBRIDGE	Low	Santa Ana Mountains	
105-111-28	DOTZU HOO	Low	Santa Ana Mountains	
867-031-11	DOUGLAS C & PATRICIA A LAWSON	Low	Santa Ana Mountains	
105-222-04	DOUGLAS E NEELD	Low	Santa Ana Mountains	
105-222-05	DOUGLAS EUGENE & GUADALUPE NEELD	Low	Santa Ana Mountains	
876-052-14	EDWARD A ALCANTARA	Low	Santa Ana Mountains	
105-222-63	EDWARD R & LORE FREDETTE	Low	Santa Ana Mountains	
105-222-62	EDWARD R FREDETTE	Low	Santa Ana Mountains	
876-041-03	EFFAT YOUSSEF	Low	Santa Ana Mountains	
105-111-29	EFFAT YOUSSEF	Low	Santa Ana Mountains	
105-262-11	ELIZABETH ANDERSON	Low	Santa Ana Mountains	
105-261-19	ENOCHS FAMILY LTD PARTNERSHIP	Low	Santa Ana Mountains	
876-041-02	ERNEST & GUDELIA M MARRUJO	Low	Santa Ana Mountains	
105-251-08	ERYK A STACY	Low	Santa Ana Mountains	
105-222-14	EUGENE A CORONA	Low	Santa Ana Mountains	
876-033-02	FARMS CCRC	Low	Santa Ana Mountains	
876-033-05	FARMS CCRC	Low	Santa Ana Mountains	
876-033-04	FARMS CCRC	Low	Santa Ana Mountains	
876-033-03	FARMS CCRC	Low	Santa Ana Mountains	
876-051-46	FERNANDO CASTRO TAFOLLA	Low	Santa Ana Mountains	
105-233-15	FRANCES A KELLEY	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
876-051-49	FRANCES ANNE WILLIAMS	Low	Santa Ana Mountains	
876-052-49	FRANCES FREELove	Low	Santa Ana Mountains	
867-042-01	FRANK H GREINKE	Low	Santa Ana Mountains	
876-051-25	FREDERICK ALEXEI HUIZAR	Low	Santa Ana Mountains	
876-035-02	FREDERICK OWEN DOHRMANN	Low	Santa Ana Mountains	
105-222-64	GABRIEL & EMILY RUIZ	Low	Santa Ana Mts/Foothills	
876-051-22	GARY & ELKE PALMER	Low	Santa Ana Mountains	
876-051-23	GARY & ELKE PALMER	Low	Santa Ana Mountains	
867-011-22	GARY L POWER	Low	Santa Ana Mountains	
105-233-13	GARY LEE & JACQUELINE J JENNINGS	Low	Santa Ana Mountains	
867-011-15	GARY POWER	Low	Santa Ana Mountains	
866-052-26	GARY W & CAROL ANN CALTHARP	Low	Santa Ana Mts/Foothills	
867-011-20	GEOFFREY & SARAH P SARKISSIAN	Low	Santa Ana Mountains	
867-011-18	GEOFFREY DE WOLF	Low	Santa Ana Mountains	
876-052-20	GEOFFREY PHILLIP BELLAH	Low	Santa Ana Mountains	
876-052-21	GEOFFREY PHILLIP BELLAH	Low	Santa Ana Mountains	
876-052-22	GEOFFREY PHILLIP BELLAH	Low	Santa Ana Mountains	
876-052-15	GEORGE E MALMBORG	Low	Santa Ana Mountains	
876-051-29	GEORGE R HALE	Low	Santa Ana Mountains	
105-240-51	GEORGE W ELLIS	Low	Santa Ana Mountains	
105-240-54	GEORGE W ELLIS	Low	Santa Ana Mountains	
105-240-52	GEORGE W ELLIS	Low	Santa Ana Mountains	
105-240-55	GEORGE W ELLIS	Low	Santa Ana Mountains	
105-240-57	GEORGE W ELLIS	Low	Santa Ana Mountains	
105-240-56	GEORGE W ELLIS	Low	Santa Ana Mountains	
105-240-58	GEORGE W ELLIS	Low	Santa Ana Mountains	
105-240-53	GEORGE W ELLIS	Low	Santa Ana Mountains	
867-061-04	GLEN & LAURA LYNN VALENCIA	Low	Santa Ana Mts/Foothills	
867-061-03	GLEN & LAURA LYNN VALENCIA	Low	Santa Ana Mountains	
876-051-63	GRAHAM W CLARK	Low	Santa Ana Mountains	
866-052-15	GREG C BATES	Low	Santa Ana Mts/Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-221-15	GREGORY & CARYL LEE	Low	Santa Ana Mountains	
866-052-28	GREGORY CLYDE BATES	Low	Santa Ana Mts/Foothills	
866-052-16	GREGORY CLYDE BATES	Low	Santa Ana Mts/Foothills	
105-232-27	GREGORY CLYDE BATES	Low	Santa Ana Mountains	
876-051-02	GREGORY H PETERSEN	Low	Santa Ana Mountains	
876-041-12	GREGORY P & LORI CHRISTENSEN	Low	Santa Ana Mountains	
105-232-44	GUILLERMO L MARTINEZ	Low	Santa Ana Mountains	
867-031-01	HARON & NOSRAT YOMTOUBIAN	Low	Santa Ana Mts/Foothills	
867-031-02	HARON & NOSRAT YOMTOUBIAN	Low	Santa Ana Mountains	
867-071-02	HARRY W WILSON	Low	Santa Ana Mountains	
867-071-01	HUNT FAMILY PARTNERSHIP	Low	Santa Ana Mountains	
105-051-76	IFTIKHAR A KHAN	Low	Santa Ana Mountains	
867-051-05	IRVINE CO	Low	Santa Ana Mts/Foothills	
867-061-07	IRVINE CO	Low	Santa Ana Mts/Foothills	
105-070-28	ISABELLE C ANDRES	Low	Santa Ana Mountains	
105-070-22	ISABELLE C ANDRES	Low	Santa Ana Mountains	
105-070-11	ISABELLE C ANDRES	Low	Santa Ana Mountains	
105-070-79	ISABELLE C ANDRES	Low	Santa Ana Mountains	
876-011-27	ISIDOR SANDOVAL	Low	Santa Ana Mountains	
876-033-16	JACKLYNN SUE BURNS	Low	Santa Ana Mountains	
867-061-06	JACKSON RANCH PARTNERSHIP	Low	Santa Ana Mts/Foothills	
867-061-05	JACKSON RANCH PARTNERSHIP	Low	Santa Ana Mts/Foothills	
867-061-01	JACKSON RANCH PARTNERSHIP	Low	Santa Ana Mountains	
867-061-02	JACKSON RANCH PARTNERSHIP	Low	Santa Ana Mountains	
105-222-67	JAMES & DIANE CARTER	Low	Santa Ana Mts/Foothills	
105-060-20	JAMES D COOKSEY	Low	Santa Ana Mountains	
105-070-44	JAMES F CARMICHAEL	Low	Santa Ana Mountains	
105-261-16	JAMES F CARMICHAEL	Low	Santa Ana Mountains	
876-033-17	JAMES R ANDERSON	Low	Santa Ana Mountains	
105-232-55	JANET H WILSON	Low	Santa Ana Mountains	
105-232-56	JANET H WILSON	Low	Santa Ana Mountains	
105-221-18	JANET I SOULE	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
876-052-13	JANICE LAWSON	Low	Santa Ana Mountains	
867-011-32	JANIS K & JOHN S WALTMAN	Low	Santa Ana Mountains	
876-051-16	JASON T FOULDS	Low	Santa Ana Mountains	
105-222-70	JEFF C & TAMELA R DAVIS	Low	Santa Ana Mts/Foothills	
105-233-48	JEFFERSON F & JENIFER TALBOTT	Low	Santa Ana Mountains	
105-261-33	JEFFREY & FRANSHELLE MURRAY	Low	Santa Ana Mountains	
105-261-17	JEFFREY & FRANSHELLE MURRAY	Low	Santa Ana Mountains	
876-051-48	JEFFREY G WILSON	Low	Santa Ana Mountains	
867-032-03	JEFFREY P & CYNTHIA D SCHLOM	Low	Santa Ana Mts/Foothills	
876-051-47	JEFFREY WILSON	Low	Santa Ana Mountains	
105-232-31	JENNIFER & THOMAS S WISHART	Low	Santa Ana Mountains	
876-052-19	JIMMIE J JONES	Low	Santa Ana Mountains	
858-021-21	JO ANN REILLY	Low	Santa Ana Mts/Foothills	
105-251-05	JOAN WORTMAN	Low	Santa Ana Mountains	
105-232-54	JOANNE ASTRACHAN	Low	Santa Ana Mountains	
876-051-40	JOHN A KELSEY	Low	Santa Ana Mountains	
105-251-04	JOHN CLAY WILLIAMS	Low	Santa Ana Mountains	
105-070-01	JOHN DAVID LYON	Low	Santa Ana Mountains	
105-251-10	JOHN F NORTON	Low	Santa Ana Mountains	
876-052-09	JOHN O YBARRA	Low	Santa Ana Mountains	
105-233-30	JOHN S & FRANCINE KINSMAN	Low	Santa Ana Mountains	
105-251-09	JOHN STOESSER	Low	Santa Ana Mountains	
105-240-27	JOHNSON W KEITH	Low	Santa Ana Mountains	
105-240-46	JOHNSON W KEITH	Low	Santa Ana Mountains	
105-240-42	JOHNSON W KEITH	Low	Santa Ana Mountains	
105-202-70	JONG SIK & KI HEE CHI	Low	Santa Ana Mountains	
876-051-37	JORY ADAMSON	Low	Santa Ana Mountains	
876-034-21	JOSEFINA N & PETE L SIOSON	Low	Santa Ana Mountains	
876-034-22	JOSEFINA N & PETE L SIOSON	Low	Santa Ana Mountains	
105-221-19	JOSEPH V & BONNIE AUGER	Low	Santa Ana Mountains	
105-253-12	JOYCE A RYCKMAN	Low	Santa Ana Mountains	
876-051-17	JUDITH ANN & PATRICK JOSEPH	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
	FESLER			
876-051-76	JULIE A MORRIS	Low	Santa Ana Mountains	
105-202-68	KAZIMIERZ & LINDA RUTH BACZYNSKI	Low	Santa Ana Mountains	
876-041-08	KEITH D & JULIE A MORRIS	Low	Santa Ana Mountains	
876-041-14	KELLY & TINA PETIT STELLHORN	Low	Santa Ana Mountains	
876-041-13	KELLY & TINA PETIT STELLHORN	Low	Santa Ana Mountains	
606-011-04	KEN S LIEM	Low	Santa Ana Mts/Foothills	
105-222-26	KENNETH C & NORMA JEAN LANDERS	Low	Santa Ana Mountains	
105-222-25	KENNETH C & NORMA JEAN LANDERS	Low	Santa Ana Mountains	
105-222-09	KENNETH C & NORMA JEAN LANDERS	Low	Santa Ana Mountains	
876-052-04	KENNETH H MILLER	Low	Santa Ana Mountains	
876-052-05	KENNETH H MILLER	Low	Santa Ana Mountains	
867-011-31	KENNETH L HASSETT	Low	Santa Ana Mountains	
105-232-13	KENNETH RONALD & ANNE MARGENE ARMSTRONG	Low	Santa Ana Mountains	
876-051-72	KEVIN W TOPP	Low	Santa Ana Mountains	
105-221-13	KIM ELAINE DE LISIO	Low	Santa Ana Mts/Foothills	
105-221-14	KIM ELAINE DE LISIO	Low	Santa Ana Mts/Foothills	
105-222-46	KRISTINE G & OWEN M FERGUSON	Low	Santa Ana Mountains	
105-222-44	KRISTINE G PARKER	Low	Santa Ana Mountains	
105-112-21	KWANG S & SUE O LEE	Low	Santa Ana Mountains	
105-112-20	KWANG S & SUE O LEE	Low	Santa Ana Mountains	
876-051-59	LARRY GENE PFAFFLY	Low	Santa Ana Mountains	
876-034-13	LAUREL R DIXON	Low	Santa Ana Mountains	
105-201-78	LAURIE T & MARY ELLEN PARK	Low	Santa Ana Mts/Foothills	
105-232-15	LAURIE T MARTZ	Low	Santa Ana Mountains	
105-070-16	LAWRENCE A MAAG	Low	Santa Ana Mountains	
105-070-21	LAWRENCE A MAAG	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-070-20	LAWRENCE A MAAG	Low	Santa Ana Mountains	
105-070-17	LAWRENCE A. MAAG	Low	Santa Ana Mountains	
105-070-18	LAWRENCE A. MAAG	Low	Santa Ana Mountains	
105-070-19	LAWRENCE A. MAAG	Low	Santa Ana Mountains	
876-034-20	LAWRENCE F & MARILYN R SHERMAN	Low	Santa Ana Mountains	
876-034-19	LAWRENCE F SHERMAN	Low	Santa Ana Mountains	
876-034-18	LAWRENCE F SHERMAN	Low	Santa Ana Mountains	
876-052-35	LEE EDWARD TRAVIS	Low	Santa Ana Mountains	
876-052-34	LEE EDWARD TRAVIS	Low	Santa Ana Mountains	
105-232-49	LEO HETZEL	Low	Santa Ana Mountains	
105-232-62	LEO HETZEL	Low	Santa Ana Mountains	
866-052-24	LEONARD J DUGUAY	Low	Santa Ana Mts/Foothills	
876-033-22	LESLIE J PASKUS	Low	Santa Ana Mountains	
876-033-21	LESLIE J PASKUS	Low	Santa Ana Mountains	
105-222-07	LESLIE P LUCY	Low	Santa Ana Mountains	
876-034-24	LINDA HENDRATA	Low	Santa Ana Mountains	
876-041-19	LINDA J MAY	Low	Santa Ana Mountains	
105-051-07	LINNEA MC DONALD	Low	Santa Ana Mountains	
105-233-23	LORI M LAZARONY	Low	Santa Ana Mountains	
876-051-38	LORRAINE A SKELTON	Low	Santa Ana Mountains	
105-060-29	LORRAINE C BROWN	Low	Santa Ana Mountains	
105-221-01	LORRAINE C BROWN	Low	Santa Ana Mountains	
105-221-09	LORRAINE C BROWN	Low	Santa Ana Mountains	
105-060-30	LORRAINE C BROWN	Low	Santa Ana Mountains	
867-051-02	MANUEL A & LUCY MAYELA SAENZ	Low	Santa Ana Mountains	
867-051-01	MANUEL A & LUCY MAYELA SAENZ	Low	Santa Ana Mts/Foothills	
105-232-73	MARC GROSSMAN	Low	Santa Ana Mountains	
867-071-03	MARILYN CLAWSON	Low	Santa Ana Mountains	
866-052-20	MARK & LYDIA CHAVARRIA	Low	Santa Ana Mountains	
867-011-19	MARK ALAN ANDREWS	Low	Santa Ana Mountains	
105-261-18	MARK ALBERT MAY	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-233-33	MARK HOYER	Low	Santa Ana Mountains	
876-052-48	MARK L & DIANE C VINCENT	Low	Santa Ana Mountains	
105-232-47	MARLENE V WILLIAMS	Low	Santa Ana Mountains	
876-033-08	MARTIN G & DEBBIE J RINCON	Low	Santa Ana Mountains	
876-051-21	MARTIN G RINCON	Low	Santa Ana Mountains	
866-031-09	MARTIN L & PATRICIA M GRAY	Low	Santa Ana Mts/Foothills	
866-031-07	MARTIN L & PATRICIA M GRAY	Low	Santa Ana Mts/Foothills	
866-031-08	MARTIN L & PATRICIA M GRAY	Low	Santa Ana Mts/Foothills	
105-222-30	MARTIN WEEL	Low	Santa Ana Mountains	
105-222-33	MARTIN WEEL	Low	Santa Ana Mountains	
867-011-29	MARVIN DEAN CROCKER	Low	Santa Ana Mountains	
866-051-01	MARVIN DEAN CROCKER	Low	Santa Ana Mts/Foothills	
866-051-02	MARVIN DEAN CROCKER	Low	Santa Ana Mts/Foothills	
876-034-16	MARVIN L & MELITINA YOUNGSTRAND	Low	Santa Ana Mountains	
105-252-40	MARY L MCWHORTER	Low	Santa Ana Mountains	
876-052-24	MARYANN CAZZELL	Low	Santa Ana Mountains	
876-052-25	MARYANN CAZZELL	Low	Santa Ana Mountains	
876-052-39	MARYANN CAZZELL	Low	Santa Ana Mountains	
876-034-23	MAURO ORONA	Low	Santa Ana Mountains	
876-033-23	MELANIE COTTON OXLEY	Low	Santa Ana Mountains	
876-051-30	MELANIE J FLEGAL	Low	Santa Ana Mountains	
876-062-05	MELAYNEE R DE VORE	Low	Santa Ana Mountains	
876-062-04	MELAYNEE R DEVORE	Low	Santa Ana Mountains	
867-011-02	MELODY L & PHILIP A MC WILLIAMS	Low	Santa Ana Mountains	
105-252-43	MICHAEL COLBY	Low	Santa Ana Mountains	
876-051-71	MICHAEL D KOGUTEK	Low	Santa Ana Mountains	
876-033-06	MICHAEL J LEJSEK	Low	Santa Ana Mountains	
105-233-32	MICHAEL J TEMPLE	Low	Santa Ana Mountains	
876-034-14	MICHAEL W DIXON	Low	Santa Ana Mountains	
876-034-15	MICHAEL W DIXON	Low	Santa Ana Mountains	
105-233-29	MICHAEL WILLIAM & PAM	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
	THOMPSON			
105-233-09	MICHAEL WILLIAM & PAM THOMPSON	Low	Santa Ana Mountains	
105-233-37	MICHELLE LYNN PARKS	Low	Santa Ana Mountains	
876-034-17	MICHELLE WILSON	Low	Santa Ana Mountains	
105-222-43	MIKE NGUYEN	Low	Santa Ana Mountains	
105-222-69	MIKE NGUYEN	Low	Santa Ana Mountains	
866-031-10	MIKE S SHUKUR	Low	Santa Ana Mts/Foothills	
866-031-12	MIKE S SHUKUR	Low	Santa Ana Mts/Foothills	
866-031-11	MIKE S SHUKUR	Low	Santa Ana Mts/Foothills	
866-052-32	MODJESKA RANCH CO	Low	Santa Ana Mts/Foothills	
105-261-39	MODJESKA RANCH CO	Low	Santa Ana Mountains	
105-262-31	MODJESKA RANCH CO	Low	Santa Ana Mountains	
105-262-32	MODJESKA RANCH CO	Low	Santa Ana Mountains	
105-262-33	MODJESKA RANCH CO	Low	Santa Ana Mountains	
105-233-39	MODJESKA RANCH CO	Low	Santa Ana Mountains	
858-044-07	MOHAMMAD H MORADI	Low	Santa Ana Mts/Foothills	
866-052-27	MYERS C & WANDA M RAY	Low	Santa Ana Mts/Foothills	
105-221-26	NESTOR D & PAMELA L AYSON	Low	Santa Ana Mountains	
867-051-04	NGOC VAN PHAM	Low	Santa Ana Mts/Foothills	
867-051-03	NGOC VAN PHAM	Low	Santa Ana Mountains	
876-034-02	OMID RAHIMI	Low	Santa Ana Mountains	
867-042-03	ONIS BURL MARRS	Low	Santa Ana Mountains	
867-042-04	ONIS BURL MARRS	Low	Santa Ana Mountains	
858-044-17	OWEN DAVID & JULIE ANN GARDNER TRELOAR	Low	Santa Ana Mts/Foothills	
876-041-11	PAMELA DOSS	Low	Santa Ana Mountains	
876-041-06	PAMELA DOSS	Low	Santa Ana Mountains	
876-041-05	PAMELA DOSS	Low	Santa Ana Mountains	
876-041-10	PAMELA DOSS	Low	Santa Ana Mountains	
867-011-14	PANAYIOTIS N & ANDRIANA P KATELARIS	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-222-40	PARK CENTER EXCHANGE INC	Low	Santa Ana Mountains	
105-222-41	PARK CENTER EXCHANGE INC	Low	Santa Ana Mountains	
876-032-06	PATRICIA BARTO	Low	Santa Ana Mountains	
105-201-82	PATRICIA R TONDORF	Low	Santa Ana Mts/Foothills	
876-033-11	PAUL & BREGITA WRIGHT	Low	Santa Ana Mountains	
105-252-01	PAUL A JACOB	Low	Santa Ana Mountains	
105-240-44	PAUL B JOHNSON	Low	Santa Ana Mountains	
105-240-33	PAUL B JOHNSON	Low	Santa Ana Mountains	
105-240-50	PAUL B JOHNSON	Low	Santa Ana Mountains	
876-051-61	PAUL DIXON	Low	Santa Ana Mountains	
876-051-27	PAUL GERARD QUINN	Low	Santa Ana Mountains	
105-070-60	PAUL J LIMA	Low	Santa Ana Mountains	
105-232-38	PAUL L DUDLEY	Low	Santa Ana Mountains	
105-252-29	PAULA R CEBOLSKI	Low	Santa Ana Mountains	
105-060-27	PEGGY HADERLIE	Low	Santa Ana Mountains	
105-070-47	PEGGY OPPEDAHL	Low	Santa Ana Mountains	
105-253-01	PERRY E OWEN	Low	Santa Ana Mountains	
105-222-71	PHILIP & MARY O SLATE	Low	Santa Ana Mts/Foothills	
876-052-07	PHILIP G DORN	Low	Santa Ana Mountains	
105-222-68	PHILIP S JACKSON	Low	Santa Ana Mountains	
105-233-47	PHILIP S JACKSON	Low	Santa Ana Mountains	
105-233-38	PHILIP S JACKSON	Low	Santa Ana Mountains	
866-052-21	PHILLIP & ROBERTA CAIN	Low	Santa Ana Mts/Foothills	
105-232-16	PHILLIP J & KAREN S BULLER	Low	Santa Ana Mountains	
866-052-19	PHILLIP M & JEAN C MUNSEY	Low	Santa Ana Mts/Foothills	
105-233-46	PHILLIP S JACKSON	Low	Santa Ana Mountains	
105-252-52	PHYLLIS A FREDETTE	Low	Santa Ana Mountains	
105-252-51	PHYLLIS A FREDETTE	Low	Santa Ana Mountains	
105-031-80	PHYLLIS MAY HENRY	Low	Santa Ana Mountains	
105-031-81	PHYLLIS MAY HENRY	Low	Santa Ana Mountains	
867-031-08	RAFAEL F ALVAREZ	Low	Santa Ana Mountains	
105-232-26	RALPH & MAUREEN VOEHL	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
866-052-23	RALPH L CASTOR	Low	Santa Ana Mts/Foothills	
858-011-03	RAYMOND C MILLS	Low	Santa Ana Mts/Foothills	
858-011-10	RAYMOND C MILLS	Low	Santa Ana Mountains	
867-011-03	RAYMOND E ALLEY	Low	Santa Ana Mountains	
105-222-65	RICHARD & ALESSANDRA MCCLEARY	Low	Santa Ana Mts/Foothills	
105-232-41	RICHARD & LYNDA E KLINGER	Low	Santa Ana Mountains	
105-261-30	RICHARD ALLEN BATES	Low	Santa Ana Mountains	
105-232-50	RICHARD C GARDNER	Low	Santa Ana Mountains	
876-051-56	RICHARD C SCHAEFFER	Low	Santa Ana Mountains	
876-051-03	RICHARD C SCHAEFFER	Low	Santa Ana Mountains	
876-051-55	RICHARD C SCHAEFFER	Low	Santa Ana Mountains	
876-051-36	RICHARD E & BARBARA L CHILDERS	Low	Santa Ana Mountains	
105-070-04	RICHARD GEMMRIG	Low	Santa Ana Mountains	
105-070-12	RICHARD K HIRSCH	Low	Santa Ana Mountains	
105-232-42	RICHARD KLINGER	Low	Santa Ana Mountains	
876-051-18	RICHARD LEE TALLANT	Low	Santa Ana Mountains	
105-222-31	RICHARD R KERSH	Low	Santa Ana Mountains	
876-041-07	RICHARD R MOORE	Low	Santa Ana Mountains	
858-021-13	RIK W & MARCIA D MATTHEWS	Low	Santa Ana Mountains	
105-222-36	RIK W & MARCIA D MATTHEWS	Low	Santa Ana Mountains	
867-011-21	ROBERT A & NANCY S KUSTICH	Low	Santa Ana Mountains	
105-221-10	ROBERT C & PATRICIA L HUNT	Low	Santa Ana Mountains	
867-011-08	ROBERT C & PATRICIA L HUNT	Low	Santa Ana Mountains	
867-011-23	ROBERT C & PATRICIA L HUNT	Low	Santa Ana Mountains	
876-032-05	ROBERT D HANNIS	Low	Santa Ana Mountains	
105-222-35	ROBERT D SCHEIBEL	Low	Santa Ana Mountains	
876-052-16	ROBERT E & ELIZABETH A CADMAN	Low	Santa Ana Mountains	
858-044-14	ROBERT E & SHARON L MOE	Low	Santa Ana Mts/Foothills	
105-070-09	ROBERT G NASH	Low	Santa Ana Mountains	
105-070-45	ROBERT G NASH	Low	Santa Ana Mountains	
876-051-73	ROBERT HAROLD LEE	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
866-052-29	ROBERT L BERWICK	Low	Santa Ana Mts/Foothills	
105-232-21	ROBERTA R TUNSTALL	Low	Santa Ana Mountains	
105-262-14	ROCKY MOUNTAIN PROPERTIES INC	Low	Santa Ana Mountains	
876-051-26	RON WORTMAN	Low	Santa Ana Mountains	
105-232-29	RONALD & CINDY HAVEN	Low	Santa Ana Mountains	
105-232-70	RONALD APPEL	Low	Santa Ana Mountains	
867-011-26	RONALD APPEL	Low	Santa Ana Mountains	
867-011-25	RONALD APPEL	Low	Santa Ana Mountains	
867-011-24	RONALD APPEL	Low	Santa Ana Mountains	
866-052-25	RONALD C & EMI G WEBBER	Low	Santa Ana Mts/Foothills	
876-052-27	RONALD G & DEBRA D LANE	Low	Santa Ana Mountains	
876-052-26	RONALD G & DEBRA D LANE	Low	Santa Ana Mountains	
876-052-28	RONALD G & DEBRA D LANE	Low	Santa Ana Mountains	
105-201-59	RONALD J BROWN	Low	Santa Ana Mts/Foothills	
866-052-06	RONALD J NOVELLO	Low	Santa Ana Mts/Foothills	
876-051-66	RONALD W & GAYLE L YOCOM	Low	Santa Ana Mountains	
876-051-67	RONALD YOCOM	Low	Santa Ana Mountains	
876-052-12	RONDA JUNE WARD	Low	Santa Ana Mountains	
105-233-43	ROSE ZUMWALT	Low	Santa Ana Mountains	
876-052-42	ROY S GRUNDY	Low	Santa Ana Mountains	
866-052-18	RUSSELL E LEATHERBY	Low	Santa Ana Mountains	
866-031-06	RUSSELL G TAYLOR	Low	Santa Ana Mts/Foothills	
858-021-10	RUTTER SANTIAGO L P	Low	Santa Ana Mts/Foothills	Watson
858-021-17	RUTTER SANTIAGO L P	Low	Santa Ana Mountains	
858-021-16	RUTTER SANTIAGO L P	Low	Santa Ana Mountains	
858-021-02	RUTTER SANTIAGO L P	Low	Santa Ana Mountains	
858-011-09	RUTTER SANTIAGO L P	Low	Santa Ana Mountains	
876-034-10	SABINE M J REICHERT	Low	Santa Ana Mountains	
105-261-03	SAL G GIACINTO	Low	Santa Ana Mountains	
876-033-10	SAMUEL J SCHULTZ	Low	Santa Ana Mountains	
105-202-67	SAMUEL P ADAMS	Low	Santa Ana Mountains	
105-222-06	SANDRA L & THOMAS A CAUDILL	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
858-044-03	SANTIAGO CANYON ESTATES HOMEOWNERS ASSN	Low	Santa Ana Mountains	
858-044-04	SANTIAGO CANYON ESTATES HOMEOWNERS ASSN	Low	Santa Ana Mountains	
858-044-01	SANTIAGO CANYON ESTATES HOMEOWNERS ASSN	Low	Santa Ana Mts/Foothills	
858-044-02	SANTIAGO CANYON ESTATES HOMEOWNERS ASSN	Low	Santa Ana Mts/Foothills	
858-044-23	SANTIAGO CANYON ESTATES HOMEOWNERS ASSN	Low	Santa Ana Mts/Foothills	
876-034-03	SANTIAGO COUNTY WATER DIST	Low	Santa Ana Mountains	
876-052-43	SANTIAGO COUNTY WATER DIST	Low	Santa Ana Mountains	
858-011-06	SANTIAGO RUTTER	Low	Santa Ana Mts/Foothills	
858-011-07	SANTIAGO RUTTER	Low	Santa Ana Mts/Foothills	
858-011-08	SANTIAGO RUTTER	Low	Santa Ana Mts/Foothills	
105-232-20	SCOTT A RIEDLINGER	Low	Santa Ana Mountains	
876-051-31	SCOTT BREEDEN	Low	Santa Ana Mountains	
876-051-32	SCOTT BREEDEN	Low	Santa Ana Mountains	
876-051-07	SCOTT COLLINS	Low	Santa Ana Mountains	
876-052-10	SCOTT COLLINS	Low	Santa Ana Mountains	
105-233-44	SCOTT L & PEGGY J OLSEN	Low	Santa Ana Mountains	
876-033-24	SHEILA JOST	Low	Santa Ana Mountains	
105-233-52	SHERI L ALBRIGHT	Low	Santa Ana Mountains	
876-041-16	SHIRLEY KEHR	Low	Santa Ana Mountains	
105-051-72	SILVERADO CANYON LIMITED PARTNERSHIP	Low	Santa Ana Mountains	
105-031-82	SILVERADO CANYON LTD PARTNERSHIP	Low	Santa Ana Mountains	
105-051-10	SILVERADO-MODJESKA RECREATION & PARK DISTRICT	Low	Santa Ana Mountains	
105-233-16	SILVERADO-MODJESKA RECREATION & PARK DIST	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-240-21	SILVERADO-MODJESKA RECREATION & PARKS DIST	Low	Santa Ana Mountains	
105-240-07	SILVERADO-MODJESKA RECREATION & PARKS DIST	Low	Santa Ana Mountains	
105-070-86	SMARTWORM TECHNOLOGY INC	Low	Santa Ana Mountains	
105-070-85	SMARTWORM TECHNOLOGY INC	Low	Santa Ana Mountains	
105-232-25	SONDRA J JAMES	Low	Santa Ana Mountains	
876-034-11	STACEY L MC NULTY	Low	Santa Ana Mountains	
876-051-24	STEPHEN B & LINDA E LEARNED	Low	Santa Ana Mountains	
876-051-11	STEPHEN B LEARNED	Low	Santa Ana Mountains	
876-051-13	STEPHEN B LEARNED	Low	Santa Ana Mountains	
876-051-14	STEPHEN B LEARNED	Low	Santa Ana Mountains	
876-041-09	STEPHEN C SCHREINER	Low	Santa Ana Mountains	
876-052-45	STEPHEN E ULLRICH	Low	Santa Ana Mountains	
876-052-46	STEPHEN E ULLRICH	Low	Santa Ana Mountains	
876-052-44	STEPHEN E ULLRICH	Low	Santa Ana Mountains	
105-233-45	STEPHEN K & LINDA S WHEELER	Low	Santa Ana Mountains	
876-051-12	STEPHEN LEARNED	Low	Santa Ana Mountains	
876-034-12	STEPHEN OSBURN	Low	Santa Ana Mountains	
105-270-26	STEVE & SUSAN HAND	Low	Santa Ana Mountains	
105-060-10	STEVE J PETERSON	Low	Santa Ana Mountains	
105-232-30	STEVEN J & LINDA R PETERSON	Low	Santa Ana Mountains	
866-032-12	STONEFIELD LA QUINTA I LLC	Low	Santa Ana Mts/Foothills	
866-032-11	STONEFIELD LA QUINTA I LLC	Low	Santa Ana Mts/Foothills	
858-011-01	STONEFIELD LA QUINTA I LLC	Low	Santa Ana Mts/Foothills	Saddleback Vineyards
105-202-58	STONEFIELD LA QUINTA I LLC	Low	Santa Ana Mountains	Saddleback Vineyards
876-052-18	STUART ALAN REMINGTON	Low	Santa Ana Mountains	
105-051-08	STUART MAC PHERSON	Low	Santa Ana Mountains	
105-222-52	SUBHASH C VARSHNEY	Low	Santa Ana Mountains	
876-052-36	T W & SHERYL L HATCH	Low	Santa Ana Mountains	
876-052-38	T W & SHERYL L HATCH	Low	Santa Ana Mountains	
876-052-40	T W & SHERYL LEE HATCH	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
876-052-37	T W HATCH	Low	Santa Ana Mountains	
105-070-52	TAMARA RAE PECKHAM	Low	Santa Ana Mountains	
876-052-23	TAMIKO UYEHARA	Low	Santa Ana Mountains	
867-011-10	TERRENCE J FOGARTY	Low	Santa Ana Mountains	
858-044-16	TERRY ROBERT ALT	Low	Santa Ana Mts/Foothills	
105-232-32	THOMAS CHARLES ELLINGSON	Low	Santa Ana Mountains	
105-232-17	THOMAS CHARLES ELLINGSON	Low	Santa Ana Mountains	
876-051-68	THOMAS D & SALLY L MURPHY	Low	Santa Ana Mountains	
105-222-27	THOMAS E STRELOW	Low	Santa Ana Mountains	
105-221-17	THOMAS H EICHENBERG	Low	Santa Ana Mountains	
105-232-52	THOMAS HARRIS	Low	Santa Ana Mountains	
876-051-54	THOMAS J & BETH A SULLIVAN	Low	Santa Ana Mountains	
876-051-15	THOMAS J & LAURALEIGH B OMEARA	Low	Santa Ana Mountains	
876-051-04	THOMAS P BARNETT	Low	Santa Ana Mountains	
876-041-04	THOMAS W & DEANNA L ALLEN	Low	Santa Ana Mountains	
876-041-15	THOMAS W & DEANNA L ALLEN	Low	Santa Ana Mountains	
876-051-69	TIBOR RICHARD MACHAN	Low	Santa Ana Mountains	
876-051-35	TIMOTHY F & MARY M ADAMS	Low	Santa Ana Mountains	
876-051-34	TIMOTHY F & MARY M ADAMS	Low	Santa Ana Mountains	
105-233-51	TIMOTHY L & JANE B STINSON	Low	Santa Ana Mountains	
105-232-33	TOM M MOONEY	Low	Santa Ana Mountains	
105-232-64	TOM R BURBA	Low	Santa Ana Mountains	
876-033-20	TONI L DOSCHER	Low	Santa Ana Mountains	
876-051-05	TONY & MARION GUILLEN CUIEL	Low	Santa Ana Mountains	
876-051-06	TONY & MARION GUILLEN CUIEL	Low	Santa Ana Mountains	
876-034-08	TONY DEBBAS	Low	Santa Ana Mountains	
876-034-09	TONY DEBBAS	Low	Santa Ana Mountains	
876-034-07	TONY DEBBAS	Low	Santa Ana Mountains	
876-051-10	TRICIA W EVANS	Low	Santa Ana Mountains	
876-051-09	TRICIA W EVANS	Low	Santa Ana Mountains	
105-202-06	U.S. DEPT OF AGRICULTURE	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
105-070-55	VALERIE CLARK	Low	Santa Ana Mountains	
876-052-32	VALERIE J MITCHELL	Low	Santa Ana Mountains	
876-052-33	VALERIE J MITCHELL	Low	Santa Ana Mountains	
876-052-31	VALERIE J MITCHELL	Low	Santa Ana Mountains	
876-052-30	VALERIE J MITCHELL	Low	Santa Ana Mountains	
876-052-29	VALERIE J MITCHELL	Low	Santa Ana Mountains	
858-044-06	VASILY I SEMENIUTA	Low	Santa Ana Mts/Foothills	
866-052-09	VENTURE RESOURCES INC	Low	Santa Ana Mts/Foothills	
866-052-17	VICTORIA M MILLS	Low	Santa Ana Mts/Foothills	
867-011-17	VINCENT J & AMANDA AMATO	Low	Santa Ana Mountains	
866-021-12	VINCENT RICHARDS	Low	Santa Ana Mts/Foothills	
867-011-16	WAYNE A MITCHELL	Low	Santa Ana Mountains	
876-051-58	WAYNE L & PATRICIA SCHARF	Low	Santa Ana Mountains	
876-051-57	WAYNE L & PATRICIA SCHARF	Low	Santa Ana Mountains	
105-240-31	WILLIAM C JOHNSON	Low	Santa Ana Mountains	
105-240-49	WILLIAM C JOHNSON	Low	Santa Ana Mountains	
105-240-45	WILLIAM C JOHNSON	Low	Santa Ana Mountains	
105-240-14	WILLIAM C JOHNSON	Low	Santa Ana Mountains	
105-240-25	WILLIAM C JOHNSON	Low	Santa Ana Mountains	
105-240-26	WILLIAM C JOHNSON	Low	Santa Ana Mountains	
105-240-04	WILLIAM C JOHNSON	Low	Santa Ana Mountains	
105-240-35	WILLIAM C JOHNSON	Low	Santa Ana Mountains	
105-262-09	WILLIAM E H RASMUSSEN	Low	Santa Ana Mountains	
105-262-10	WILLIAM E H RASMUSSEN	Low	Santa Ana Mountains	
105-261-02	WILLIAM E H RASMUSSEN	Low	Santa Ana Mountains	
867-042-06	WILLIAM LEE MILLER	Low	Santa Ana Mountains	
867-042-05	WILLIAM LEE MILLER	Low	Santa Ana Mts/Foothills	
866-032-10	WILLIAM M TOWNSEND	Low	Santa Ana Mts/Foothills	
105-070-92	WILLIAM R & LINDA L SABO	Low	Santa Ana Mountains	
105-070-91	WILLIAM R & LINDA L SABO	Low	Santa Ana Mountains	
876-051-75	WILLIAM ROY DOLLEY	Low	Santa Ana Mountains	
876-051-45	WILLIAM ROY DOLLEY	Low	Santa Ana Mountains	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
866-032-08	UNKNOWN	Low	Santa Ana Mountains	
866-032-07	UNKNOWN	Low	Santa Ana Mountains	
866-032-05	UNKNOWN	Low	Santa Ana Mountains	
866-032-01	UNKNOWN	Low	Santa Ana Mountains	
866-032-02	UNKNOWN	Low	Santa Ana Mountains	
866-032-06	UNKNOWN	Low	Santa Ana Mountains	
866-032-09	UNKNOWN	Low	Santa Ana Mts/Foothills	
866-032-03	UNKNOWN	Low	Santa Ana Mts/Foothills	
866-032-04	UNKNOWN	Low	Santa Ana Mts/Foothills	
Priority Conservation Area SA-B				
856-033-08	JOHN A WHITE	High	Santa Ana Mts/Foothills	
842-021-05	RUTTER SANTIAGO L P	High	Santa Ana Mountains	Sky Ranch
856-141-01	BILL R WHITAKER	Medium	Santa Ana Mts/Foothills	
842-011-05	BRUCE THIER	Medium	Santa Ana Mountains	
842-011-01	BRUCE THIER	Medium	Santa Ana Mountains	Thier Property 2
856-034-04	DANIEL K & SANDRA B SPRADLIN	Medium	Santa Ana Mountains	
856-033-05	DENNIS M SUMMERS	Medium	Santa Ana Mts/Foothills	
856-033-04	GARY C SUMMERS	Medium	Santa Ana Mts/Foothills	
856-033-06	GEORGE LUIS/LEZLIE DIANE TRUJILLO	Medium	Santa Ana Mts/Foothills	
856-034-01	JOHN E NEWLAND	Medium	Santa Ana Mts/Foothills	
842-011-15	JOHN R DANN	Medium	Santa Ana Mts/Foothills	
856-034-06	MARK & CAROL ANN MC QUITTY	Medium	Santa Ana Mts/Foothills	
856-034-02	MARK G & CAROLANN MC QUITTY	Medium	Santa Ana Mts/Foothills	
856-141-07	MICHAEL HOWHANNESIAN	Medium	Santa Ana Mts/Foothills	
856-141-06	MICHAEL HOWHANNESIAN	Medium	Santa Ana Mts/Foothills	
856-033-03	ROSCOE MILFORD DOKE	Medium	Santa Ana Mts/Foothills	
842-031-09	RUTTER SANTIAGO L P	Medium	Santa Ana Mts/Foothills	Sky Ranch
842-031-05	RUTTER SANTIAGO L P	Medium	Santa Ana Mts/Foothills	Sky Ranch
842-021-07	RUTTER SANTIAGO L P	Medium	Santa Ana Mts/Foothills	Sky Ranch
842-021-04	RUTTER SANTIAGO L P	Medium	Santa Ana Mountains	Sky Ranch
842-031-04	RUTTER SANTIAGO L P	Medium	Santa Ana Mountains	Sky Ranch



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-034-03	THOMAS J & JENNIFER S BROOKS	Medium	Santa Ana Mountains	
842-041-04	TRABUCO CANYON CO LLC	Medium	Santa Ana Mts/Foothills	Ferber Ranch
856-033-07	COKER J & DONNA H EDWARD	Low	Santa Ana Mts/Foothills	
842-011-19	CONNIE A & RONALD H TAMEZ	Low	Santa Ana Mts/Foothills	
842-011-06	COUNTY OF ORANGE	Low	Santa Ana Mts/Foothills	
842-021-06	COUNTY OF ORANGE	Low	Santa Ana Mts/Foothills	
856-033-09	JEFFREY PHILIP FOSTER	Low	Santa Ana Mts/Foothills	
856-034-05	JEFFREY SCOTT/JOY CATHERINE FRUM	Low	Santa Ana Mts/Foothills	
842-011-24	JENNIFER S BROOKS	Low	Santa Ana Mts/Foothills	
842-011-22	JENNIFER S BROOKS	Low	Santa Ana Mts/Foothills	
856-034-07	JOSEPH P MARUCCI	Low	Santa Ana Mts/Foothills	
842-011-18	KAMALA S BENNETT	Low	Santa Ana Mts/Foothills	
842-011-20	RODNEY C VAN SICKLE	Low	Santa Ana Mts/Foothills	
842-021-08	RUTTER SANTIAGO L P	Low	Santa Ana Mts/Foothills	Sky Ranch
842-031-08	RUTTER SANTIAGO L P	Low	Santa Ana Mts/Foothills	Sky Ranch
842-011-23	THOMAS J & JENNIFER S BROOKS	Low	Santa Ana Mountains	
842-011-04	TRABUCO CANYON CO LLC	Low	Santa Ana Mts/Foothills	Ferber Ranch

¹ Positional Priority Level:

H = High Priority (interior and adjacent to protected open space)

M = Medium Priority (interior and not adjacent to protected open space or edge and adjacent to protected open space)

L = Low Priority (edge and not adjacent to protected open space)

² Parcels marked as Northern Foothills occur only in this core habitat area; parcels marked as Santa Ana Mts/Foothills occur in both the Santa Ana Mountains core habitat area and the Northern Foothills core habitat area.

³ Submittal property = properties submitted to OCTA for consideration for acquisition or restoration.



Northern Foothills Core Habitat Area

Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
Priority Conservation Area NF-A				
866-071-13	ADRIANA P KATELARIS	Medium	Northern Foothills	
866-061-01	FRANK H TORRES	Medium	Northern Foothills	
866-061-02	FRANK H TORRES	Medium	Northern Foothills	
866-071-03	HILARION T LAMBAREN	Medium	Northern Foothills	
866-061-03	JACK YOMTOUBIAN	Medium	Northern Foothills	
866-061-04	JACK YOMTOUBIAN	Medium	Northern Foothills	
105-201-88	LAURIE T & MARY E PARK	Medium	Santa Ana Mts/Foothills	
866-041-33	NABHAN & YOLA SIMAAN	Medium	Northern Foothills	
866-071-12	PANAYIOTIS & ANDRIANA P KATELARIS	Medium	Northern Foothills	
866-041-37	PANAYIOTIS N & ANDRIANA P KATELARIS	Medium	Northern Foothills	
866-041-36	PANAYIOTIS N & ANDRIANA P KATELARIS	Medium	Northern Foothills	
606-021-01	ROSE MCCARTHY	Medium	Northern Foothills	
866-071-14	ADRIANA P KATELARIS	Low	Northern Foothills	
867-041-01	AKIN AKSU	Low	Santa Ana Mts/Foothills	
866-052-03	ALAN M LITZ	Low	Santa Ana Mts/Foothills	
858-043-20	ALMA I & DAVID MEJIA	Low	Northern Foothills	
867-031-09	ANNA HART	Low	Santa Ana Mts/Foothills	
866-052-14	ANNIE LOZADA	Low	Northern Foothills	
866-091-08	AZADEH LISA MAJLESSI	Low	Northern Foothills	
866-021-25	BEJAN & DENISE D BAHARIE	Low	Northern Foothills	
866-052-05	BENNY H VILORIA	Low	Santa Ana Mts/Foothills	
866-031-13	BRIAN V GERACI	Low	Santa Ana Mts/Foothills	
866-081-07	CANYON CROWN L P	Low	Northern Foothills	
866-081-08	CANYON CROWN L P	Low	Northern Foothills	
866-091-09	CANYON CROWN L P	Low	Northern Foothills	
866-091-10	CANYON CROWN L P	Low	Northern Foothills	
867-031-03	CHAD KEARNS	Low	Santa Ana Mts/Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
866-052-13	CHARLES H & JEAN A CHAPMAN	Low	Northern Foothills	
858-021-15	CHRISTINA CLARE & MICHAEL DALE VAWSER	Low	Santa Ana Mts/Foothills	
866-021-23	DAN R & MARY A STEVENSON	Low	Northern Foothills	
866-052-04	DON D & LIDIA ANA KUSICKI	Low	Santa Ana Mts/Foothills	
866-071-21	DONAVON J & JEANETTE VILLEGAS	Low	Northern Foothills	
866-071-11	DONAVON J & JEANETTE VILLEGAS	Low	Northern Foothills	
866-071-10	DONAVON J & JEANETTE VILLEGAS	Low	Northern Foothills	
866-021-13	EQUESTRIAN RANCHES MODJESKA	Low	Northern Foothills	
866-091-14	FALCON VIEW ESTATES MAINTENANCE CORP	Low	Northern Foothills	
866-081-09	FALCON VIEW ESTATES MAINTENANCE CORP	Low	Northern Foothills	
866-081-06	FALCON VIEW ESTATES MAINTENANCE CORP	Low	Northern Foothills	
866-031-03	FRANK M CAMPOS	Low	Northern Foothills	
866-031-23	FRANK M CAMPOS	Low	Northern Foothills	
866-031-22	FRANK M CAMPOS	Low	Santa Ana Mts/Foothills	
105-222-64	GABRIEL & EMILY RUIZ	Low	Santa Ana Mts/Foothills	
866-052-26	GARY W & CAROL ANN CALTHARP	Low	Santa Ana Mts/Foothills	
867-061-04	GLEN & LAURA LYNN VALENCIA	Low	Santa Ana Mts/Foothills	
866-052-28	GREGORY CLYDE BATES	Low	Santa Ana Mts/Foothills	
866-052-16	GREGORY CLYDE BATES	Low	Santa Ana Mts/Foothills	
867-031-01	HARON & NOSRAT YOMTOUBIAN	Low	Santa Ana Mts/Foothills	
866-052-10	HARON KALIMI & NOSRAT K YOMTOUBIAN	Low	Northern Foothills	
866-031-19	HARRY L MILLER	Low	Northern Foothills	
867-051-05	IRVINE CO	Low	Santa Ana Mts/Foothills	
867-061-07	IRVINE CO	Low	Santa Ana Mts/Foothills	
867-061-06	JACKSON RANCH PARTNERSHIP	Low	Santa Ana Mts/Foothills	
867-061-05	JACKSON RANCH PARTNERSHIP	Low	Santa Ana Mts/Foothills	
866-021-03	JAMES F BOCHNIARZ	Low	Northern Foothills	
866-021-02	JAMES F BOCHNIARZ	Low	Northern Foothills	
866-021-04	JAMES M & ALISON D BURCAR	Low	Santa Ana Mts/Foothills	
866-021-24	JEANETTE M DRAVK	Low	Northern Foothills	
105-222-70	JEFF C & TAMELA R DAVIS	Low	Santa Ana Mts/Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
867-032-0	JEFFREY P & CYNTHIA D SCHLOM	Low	Santa Ana Mts/Foothills	
866-031-17	JOURNEY HEALTH PROPERTIES LLC	Low	Northern Foothills	
866-031-18	KEN S LIEM	Low	Northern Foothills	
606-011-04	KEN S LIEM	Low	Santa Ana Mts/Foothills	
866-091-02	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-091-03	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-091-12	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-081-10	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-091-13	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-091-04	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-081-01	KHALIL & TOURAN M NAJAF-ZADEH	Low	Santa Ana Mts/Foothills	
866-081-12	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-081-14	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-091-07	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-081-11	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-081-13	KHALIL & TOURAN M NAJAF-ZADEH	Low	Northern Foothills	
866-091-01	KHALIL NAJAF-ZADEH	Low	Northern Foothills	
866-091-06	KHALIL NAJAF-ZADEH	Low	Northern Foothills	
866-091-05	KHALIL NAJAF-ZADEH	Low	Northern Foothills	
866-031-14	LARRY R & COLLEEN R BASS	Low	Northern Foothills	
105-201-78	LAURIE T & MARY ELLEN PARK	Low	Santa Ana Mts/Foothills	
866-052-24	LEONARD J DUGUAY	Low	Santa Ana Mts/Foothills	
866-052-12	LUIS J & ELVIRA ARREGUIN	Low	Northern Foothills	
866-021-26	MANN CHANG	Low	Northern Foothills	
866-021-01	MARIO & NICOLINA PAOLONE	Low	Northern Foothills	
866-052-11	MARK A & DARYLYN D TOWNSELL	Low	Northern Foothills	
866-031-09	MARTIN L & PATRICIA M GRAY	Low	Santa Ana Mts/Foothills	
866-031-07	MARTIN L & PATRICIA M GRAY	Low	Santa Ana Mts/Foothills	
866-031-08	MARTIN L & PATRICIA M GRAY	Low	Santa Ana Mts/Foothills	
866-052-30	MICHAEL D & PAMELA SUE ERICKSON	Low	Santa Ana Mts/Foothills	
866-031-16	MICHAEL GERTNER	Low	Northern Foothills	
858-043-21	MICHAEL R & DONNA K CIPOLLA	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
866-071-19	MICHAEL V BEASLEY	Low	Northern Foothills	
866-071-04	MICHAEL V BEASLEY	Low	Northern Foothills	
866-071-05	MICHAEL V BEASLEY	Low	Northern Foothills	
866-031-10	MIKE S SHUKUR	Low	Santa Ana Mts/Foothills	
866-071-17	MODJESKA RANCH CO	Low	Northern Foothills	
866-052-32	MODJESKA RANCH CO	Low	Santa Ana Mts/Foothills	
867-051-04	NGOC VAN PHAM	Low	Santa Ana Mts/Foothills	
866-041-35	PANAYIOTIS N & ANDRIANA P KATELARIS	Low	Northern Foothills	
866-041-34	PANAYIOTIS N & ANDRIANA P KATELARIS	Low	Northern Foothills	
866-071-18	PATRICIA LUEVANO	Low	Northern Foothills	
866-071-02	PATRICIA LUEVANO	Low	Northern Foothills	
105-201-82	PATRICIA R TONDORF	Low	Santa Ana Mts/Foothills	
105-222-71	PHILIP & MARY O SLATE	Low	Santa Ana Mts/Foothills	
866-052-21	PHILLIP & ROBERTA CAIN	Low	Santa Ana Mts/Foothills	
866-052-23	RALPH L CASTOR	Low	Santa Ana Mts/Foothills	
858-011-03	RAYMOND C MILLS	Low	Santa Ana Mts/Foothills	
866-091-11	ROBERT C & RUTH S MEYER	Low	Northern Foothills	
866-052-29	ROBERT L BERWICK	Low	Santa Ana Mts/Foothills	
866-031-15	ROBERT MANTOR HANSON	Low	Northern Foothills	
866-052-25	RONALD C & EMI G WEBBER	Low	Santa Ana Mts/Foothills	
105-201-59	RONALD J BROWN	Low	Santa Ana Mts/Foothills	
866-052-06	RONALD J NOVELLO	Low	Santa Ana Mts/Foothills	
606-021-02	ROSE MCCARTHY	Low	Northern Foothills	
866-031-06	RUSSELL G TAYLOR	Low	Santa Ana Mts/Foothills	
866-031-04	RUSSELL G TAYLOR	Low	Santa Ana Mts/Foothills	
866-031-05	RUSSELL G TAYLOR	Low	Santa Ana Mts/Foothills	
858-041-04	SANTIAGO CYN ESTATES HOMEOWNERS ASSN	Low	Northern Foothills	
858-041-01	SANTIAGO CYN ESTATES HOMEOWNERS ASSN	Low	Northern Foothills	
858-041-02	SANTIAGO CYN ESTATES HOMEOWNERS ASSN	Low	Santa Ana Mts/Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
858-041-03	SANTIAGO CYN ESTATES HOMEOWNERS ASSN	Low	Santa Ana Mts/Foothills	
858-011-06	SANTIAGO RUTTER	Low	Santa Ana Mts/Foothills	
858-011-07	SANTIAGO RUTTER	Low	Santa Ana Mts/Foothills	
858-011-08	SANTIAGO RUTTER	Low	Santa Ana Mts/Foothills	
866-032-13	STONEFIELD LA QUINTA I LLC	Low	Santa Ana Mts/Foothills	
866-032-12	STONEFIELD LA QUINTA I LLC	Low	Santa Ana Mts/Foothills	
866-032-11	STONEFIELD LA QUINTA I LLC	Low	Santa Ana Mts/Foothills	
858-011-01	STONEFIELD LA QUINTA I LLC	Low	Santa Ana Mts/Foothills	Saddleback Vineyards
866-052-31	VENTURE RESOURCES INC	Low	Northern Foothills	
866-052-09	VENTURE RESOURCES INC	Low	Santa Ana Mts/Foothills	
866-052-17	VICTORIA M MILLS	Low	Santa Ana Mts/Foothills	
866-021-12	VINCENT RICHARDS	Low	Santa Ana Mts/Foothills	
866-033-03	UNKNOWN	Low	Northern Foothills	
104-142-21	UNKNOWN	Low	Northern Foothills	
866-033-04	UNKNOWN	Low	Santa Ana Mts/Foothills	
606-011-03	UNKNOWN	Low	Santa Ana Mts/Foothills	
Priority Conservation Area NF-B				
856-013-05	COSTAS PAPACHARALAMBOUS	Medium	Northern Foothills	
856-013-04	HUMBERTO & JULIA RAMIREZ	Medium	Northern Foothills	
858-021-11	RUTTER SANTIAGO L P	Medium	Santa Ana Mts/Foothills	Watson
858-021-10	RUTTER SANTIAGO L P	Low	Santa Ana Mts/Foothills	Watson
858-042-03	SANTIAGO CANYON ESTATES	Low	Northern Foothills	
858-042-05	SANTIAGO CYN ESTATES HOMEOWNERS ASSN	Low	Northern Foothills	
858-042-04	SANTIAGO CYN ESTATES HOMEOWNERS ASSN	Low	Northern Foothills	
858-042-01	SANTIAGO CYN ESTATES HOMEOWNERS ASSN	Low	Northern Foothills	
858-042-06	SANTIAGO CYN ESTATES HOMEOWNERS ASSN	Low	Northern Foothills	
858-042-02	SANTIAGO CYN ESTATES HOMEOWNERS ASSN	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
Priority Conservation Area NF-C				
856-033-08	JOHN A WHITE	High	Santa Ana Mts/Foothills	
856-052-20	ALAN & SHERRY C KWOK	Medium	Northern Foothills	
125-035-07	ALL VALLEY PROPERTIES LLC	Medium	Northern Foothills	
856-151-07	BARBARA E THOMASSEN	Medium	Santa Ana Mts/Foothills	
856-141-09	BILL R WHITAKER	Medium	Northern Foothills	
856-141-10	BILL R WHITAKER	Medium	Santa Ana Mts/Foothills	
856-141-01	BILL R WHITAKER	Medium	Santa Ana Mts/Foothills	
856-081-10	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-23	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-081-01	CALIFORNIA QUARTET	Medium	Northern Foothills	Saddleback Meadows
856-092-30	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-12	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-37	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-11	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-24	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-02	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-096-11	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-093-24	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-093-21	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-15	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-13	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-093-22	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-093-03	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-36	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-095-16	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-03	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-10	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-093-01	CALIFORNIA QUARTET	Medium	Northern Foothills	Saddleback Meadows
856-095-14	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-18	CALIFORNIA QUARTET	Medium	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-092-34	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-095-17	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-091-09	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-41	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-05	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-20	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-21	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-33	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-07	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-39	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-31	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-085-38	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-085-34	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-085-35	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-085-33	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-085-36	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-22	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-35	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-16	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-04	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-25	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-40	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-06	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-071-09	CALIFORNIA QUARTET	Medium	Northern Foothills	Saddleback Meadows
856-092-17	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-29	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-091-10	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-093-04	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-093-25	CALIFORNIA QUARTET	Medium	Northern Foothills	Saddleback Meadows
856-092-26	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-01	CALIFORNIA QUARTET	Medium	Northern Foothills	Saddleback Meadows
856-092-19	CALIFORNIA QUARTET	Medium	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-092-09	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-32	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-071-04	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-28	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-093-02	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-095-15	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-081-11	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-093-23	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-085-37	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-14	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-08	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-27	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-092-38	CALIFORNIA QUARTET	Medium	Northern Foothills	
856-033-36	CLAUDIA A WHITE	Medium	Northern Foothills	
856-161-01	DALE A & DARCY WIBORG WEBER	Medium	Northern Foothills	
856-052-23	DAVID H KIENZLE	Medium	Northern Foothills	
856-033-05	DENNIS M SUMMERS	Medium	Santa Ana Mts/Foothills	
125-035-34	EQUESTRIAN INVESTORS INC	Medium	Northern Foothills	O'Neill Oaks
856-011-23	FATHERS OF ORANGE NORBERTINE	Medium	Northern Foothills	
856-033-11	FREDERICK T & JEAN THEIS YEAKEL	Medium	Northern Foothills	
856-033-04	GARY C SUMMERS	Medium	Santa Ana Mts/Foothills	
856-052-22	GARY M & BENNE NEAL	Medium	Northern Foothills	
856-033-06	GEORGE LUIS & LEZLIE DIANE TRUJILLO	Medium	Santa Ana Mts/Foothills	
856-132-01	HIDDEN RIDGE OWNERS ASSN	Medium	Northern Foothills	
856-042-06	JACK HAFEN	Medium	Northern Foothills	The Hafen Estates
856-161-04	JACK HAFEN	Medium	Northern Foothills	
856-161-02	JACK HAFEN	Medium	Northern Foothills	
856-161-03	JACK HAFEN	Medium	Northern Foothills	
856-031-01	JAY M & TONI A SELMAN	Medium	Northern Foothills	
856-034-01	JOHN E NEWLAND	Medium	Santa Ana Mts/Foothills	
842-011-15	JOHN R DANN	Medium	Santa Ana Mts/Foothills	
842-081-02	KERMIT D LANG	Medium	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
842-081-23	KERMIT D LANG	Medium	Northern Foothills	
856-052-05	LEE LAVI	Medium	Northern Foothills	
842-083-01	LEONARD E SCHWENDEMAN	Medium	Northern Foothills	
842-061-02	LEONARD E SCHWENDEMAN	Medium	Northern Foothills	
842-121-01	LISA MARIE HOLGATE	Medium	Northern Foothills	
856-034-06	MARK & CAROL ANN MC QUITTY	Medium	Santa Ana Mts/Foothills	
856-151-06	MARK & DEBORAH L ANDERSON	Medium	Northern Foothills	
856-034-02	MARK G & CAROLANN MC QUITTY	Medium	Santa Ana Mts/Foothills	
856-141-08	MICHAEL HOWHANNESIAN	Medium	Santa Ana Mts/Foothills	
856-141-07	MICHAEL HOWHANNESIAN	Medium	Santa Ana Mts/Foothills	
856-141-06	MICHAEL HOWHANNESIAN	Medium	Santa Ana Mts/Foothills	
856-041-05	ROBERT C POLITISKI	Medium	Northern Foothills	
856-052-21	ROBERT E DE LUNA	Medium	Northern Foothills	
856-033-03	ROSCOE MILFORD DOKE	Medium	Santa Ana Mts/Foothills	
856-021-08	RUTTER SANTIAGO L P	Medium	Northern Foothills	Saddle Creek South
856-021-18	RUTTER SANTIAGO L P	Medium	Northern Foothills	Saddle Creek South
842-031-09	RUTTER SANTIAGO L P	Medium	Santa Ana Mts/Foothills	Sky Ranch
842-021-07	RUTTER SANTIAGO L P	Medium	Santa Ana Mts/Foothills	Sky Ranch
842-081-06	SANTA ANA MOUNTAINS CO WATER DIST	Medium	Northern Foothills	
856-091-01	SANTA ANA MOUNTAINS CO WATER DISTRICT	Medium	Northern Foothills	Saddleback Meadows
842-081-21	SAOUD AZIZ & CATHLEEN MAY SHOUNIA	Medium	Northern Foothills	
842-082-03	SCHOOL SADDLEBACK VALLEY UNIFIED DIST	Medium	Northern Foothills	
842-061-04	STEVE U PARKER	Medium	Northern Foothills	Mitchell Properties (aka Parker)
125-035-33	STONEFIELD LA QUINTA I LLC	Medium	Northern Foothills	O'Neill Oaks
842-041-04	TRABUCO CANYON CO LLC	Medium	Santa Ana Mts/Foothills	Ferber Ranch
842-061-01	TRABUCO P W T CORP	Medium	Northern Foothills	
856-052-03	VANESSA KEELER	Medium	Northern Foothills	
856-061-24	VEDANTA SOCIETY OF SO CAL	Medium	Northern Foothills	
856-052-27	WILLIAM Y C LIN	Medium	Northern Foothills	
856-052-14	WILLIAM Y C LIN	Medium	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-052-25	WILLIAM Y C LIN	Medium	Northern Foothills	
856-052-24	WILLIAM Y C LIN	Medium	Northern Foothills	
842-111-63	ADAM M WALTERS	Low	Northern Foothills	
856-052-29	ALICIA JWEEKIN CHUNG-CLARK	Low	Northern Foothills	
856-052-16	ALICIA JWEEKIN CHUNG-CLARK	Low	Northern Foothills	
856-042-08	ALLAN R UYESUGI	Low	Northern Foothills	
842-111-28	ANN M GURUNG	Low	Northern Foothills	
842-111-48	ANTHONY M & HEATHER A IVY	Low	Northern Foothills	
842-111-15	ARTHUR M & BARBARA J DILUCCHIO	Low	Northern Foothills	
842-111-12	ARTHUR M & BARBARA J DILUCCHIO	Low	Northern Foothills	
842-111-13	ARTHUR M & BARBARA J DILUCCHIO	Low	Northern Foothills	
842-111-14	ARTHUR M & BARBARA J DILUCCHIO	Low	Northern Foothills	
842-111-79	BARBARA J SHAINBERG	Low	Northern Foothills	
842-111-78	BARBARA SHAINBERG	Low	Northern Foothills	
842-081-17	BEARDSLEE FAMILY PTNSHP	Low	Northern Foothills	
856-033-28	BENTE & GARY M NEAL	Low	Northern Foothills	
856-033-27	BENTE & GARY M NEAL	Low	Northern Foothills	
856-033-18	BENTE & GARY M NEAL	Low	Northern Foothills	
856-033-33	BENTE & GARY M NEAL	Low	Northern Foothills	
856-033-32	BENTE & GARY M NEAL	Low	Northern Foothills	
856-141-12	BILL R WHITAKER	Low	Northern Foothills	
856-141-13	BILL R WHITAKER	Low	Northern Foothills	
856-141-11	BILL R WHITAKER	Low	Northern Foothills	
856-031-23	BOB HEERDT	Low	Northern Foothills	
856-042-09	BRETT GARY & PATRICIA LYNETTE GLASSER	Low	Northern Foothills	
842-111-41	BRIAN & KAY HOUGH	Low	Northern Foothills	
842-111-05	BRIAN BELL	Low	Northern Foothills	
842-111-04	BRIAN BELL	Low	Northern Foothills	
856-021-21	BRIAN D SCHRAFF	Low	Northern Foothills	
856-034-15	BRIAN G PATTERSON	Low	Northern Foothills	
856-034-14	BRIAN G PATTERSON	Low	Northern Foothills	
856-033-38	BRIAN G PATTERSON	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
842-112-17	BRIAN VER BURG	Low	Northern Foothills	
856-033-31	BRINDER J S & TRUDI EMMA BHATIA	Low	Northern Foothills	
856-031-17	BRUCE R CONN	Low	Northern Foothills	
856-041-39	BRYNN DUBROW-BOORAEM	Low	Northern Foothills	
856-075-55	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-38	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-38	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-39	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-081-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-081-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-51	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-075-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-45	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-58	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-086-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-19	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-085-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-084-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-40	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-41	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-54	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-096-53	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-091-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-39	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-086-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-073-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-091-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-56	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-38	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-42	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-41	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-44	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-45	CALIFORNIA QUARTET	Low	Northern Foothills	
856-091-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-32	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-082-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-43	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-51	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-091-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-38	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-46	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-083-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-40	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-29	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-071-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-49	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-37	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-082-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-44	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-091-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-081-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-48	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-43	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-01	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-61	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-40	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-39	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-57	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-37	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-083-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-46	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-34	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-094-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-082-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-081-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-092-42	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-097-34	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-097-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-60	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-094-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-37	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-15	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-075-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-40	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-37	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-45	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-43	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-37	CALIFORNIA QUARTET	Low	Northern Foothills	
856-071-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-33	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-071-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-071-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-55	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-49	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-55	CALIFORNIA QUARTET	Low	Northern Foothills	
856-071-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-072-46	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-43	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-43	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-62	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-098-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-56	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-081-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-54	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-27	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-073-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-44	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-44	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-44	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-071-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-43	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-52	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-05	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-095-59	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-085-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-52	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-37	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-073-56	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-50	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-39	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-11	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-096-46	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-37	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-095-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-39	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-41	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-42	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-37	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-16	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-085-39	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-49	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-51	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-074-40	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-44	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-21	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-082-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-53	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-47	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-45	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-52	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-41	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-21	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-098-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-57	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-083-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-51	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-095-50	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-096-49	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-42	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-18	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-091-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-39	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-45	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-096-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-49	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-14	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-073-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-47	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-50	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-081-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-44	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-075-39	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-43	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-40	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-45	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-38	CALIFORNIA QUARTET	Low	Northern Foothills	
856-081-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-15	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-42	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-24	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-075-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-44	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-38	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-53	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-47	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-50	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-58	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-094-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-55	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-10	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-02	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-075-50	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-32	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-41	CALIFORNIA QUARTET	Low	Northern Foothills	
856-091-11	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-084-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-40	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-57	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-084-28	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-37	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-43	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-075-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-47	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-41	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-40	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-46	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-48	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-27	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-56	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-39	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-12	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-21	CALIFORNIA QUARTET	Low	Northern Foothills	
856-074-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-084-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-48	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-16	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-41	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-081-07	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-47	CALIFORNIA QUARTET	Low	Northern Foothills	
856-083-09	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-098-36	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-52	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-08	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-37	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-086-04	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-41	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-35	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-06	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-53	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-42	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-38	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-37	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-34	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-11	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-54	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-48	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-18	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-19	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-45	CALIFORNIA QUARTET	Low	Northern Foothills	
856-098-30	CALIFORNIA QUARTET	Low	Northern Foothills	
856-096-33	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-093-08	CALIFORNIA QUARTET	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-083-38	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-51	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-26	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-42	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-03	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-17	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-57	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-20	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-42	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-02	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-42	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-14	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-54	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-09	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-46	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-22	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-40	CALIFORNIA QUARTET	Low	Northern Foothills	
856-075-48	CALIFORNIA QUARTET	Low	Northern Foothills	
856-082-23	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-24	CALIFORNIA QUARTET	Low	Northern Foothills	
856-095-01	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-094-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-097-05	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-25	CALIFORNIA QUARTET	Low	Northern Foothills	
856-072-31	CALIFORNIA QUARTET	Low	Northern Foothills	
856-073-13	CALIFORNIA QUARTET	Low	Northern Foothills	
856-085-41	CALIFORNIA QUARTET	Low	Northern Foothills	Saddleback Meadows
856-073-29	CALIFORNIA QUARTET	Low	Northern Foothills	
856-052-08	CAROL LOUISE CUTRI	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
842-102-04	CAROL LOUISE CUTRI	Low	Northern Foothills	
842-162-03	CAROLE F & STEWART SANDEMAN	Low	Northern Foothills	
842-112-18	CATHERINE & MICHAEL F KAZMARK	Low	Northern Foothills	
842-111-27	CHARLES T & VALERIE L GRISSWOLD	Low	Northern Foothills	
856-041-13	CHARLES T & VALERIE L GRISWOLD	Low	Northern Foothills	
856-033-37	CHERYL HARTLEY	Low	Northern Foothills	
842-121-07	CHRISTINE C WILSON	Low	Northern Foothills	
842-111-20	CHRISTOPHER B PENA	Low	Northern Foothills	
842-111-74	CHRISTOPHER S & TRACI J LAWRENCE	Low	Northern Foothills	
842-091-16	CHRISTY R MOSHENKO	Low	Northern Foothills	
856-041-21	CHURCH TRABUCO COMMUNITY	Low	Northern Foothills	
856-021-20	CISCA S STELLHORN	Low	Northern Foothills	
842-122-22	CLANAHAN MICHAEL E MC	Low	Northern Foothills	
856-033-07	COKER J & DONNA H EDWARD	Low	Santa Ana Mts/Foothills	
856-033-19	CON J & MONIKA H GIACOMAZZI	Low	Northern Foothills	
856-033-24	CONCETTA C FESSLER	Low	Northern Foothills	
842-122-06	CONSTANCE MARIE PRESLEY	Low	Northern Foothills	
856-041-37	CONSULTING INC GRIFFIN	Low	Northern Foothills	
842-031-01	COUNTY OF ORANGE	Low	Northern Foothills	
842-041-02	COUNTY OF ORANGE	Low	Northern Foothills	
842-011-06	COUNTY OF ORANGE	Low	Santa Ana Mts/Foothills	
842-021-06	COUNTY OF ORANGE	Low	Santa Ana Mts/Foothills	
842-031-06	COUNTY OF ORANGE	Low	Santa Ana Mts/Foothills	
842-112-48	CRAIG & BEVERLY VINCENT	Low	Northern Foothills	
842-112-51	CRAIG & BEVERLY VINCENT	Low	Northern Foothills	
856-041-26	CYNTHIA WILHELM	Low	Northern Foothills	
856-033-14	DAEKIE PETER & JU OKK MIN	Low	Northern Foothills	
856-034-08	DALE A & DARCY WIBORG WEBER	Low	Santa Ana Mts/Foothills	
856-033-13	DANIEL M DOKE	Low	Northern Foothills	
856-042-10	DANNY MENDOZA	Low	Northern Foothills	
856-033-02	DARCY MC BRIDE	Low	Northern Foothills	
842-101-12	DAREN JAY MORGAN	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
842-102-13	DARREN M RIEFER	Low	Northern Foothills	
842-111-38	DARRYL M DORSETT	Low	Northern Foothills	
856-041-30	DAVID A & PATRICIA M ZIELINSKI	Low	Northern Foothills	
842-111-80	DAVID ALAN & MARIE LOUISE SINGER	Low	Northern Foothills	
842-091-57	DAVID BALMER	Low	Northern Foothills	
842-122-21	DAVID BERNARD & WENDY LEE RUETER	Low	Northern Foothills	
856-033-15	DAVID C DODGE	Low	Northern Foothills	
842-091-33	DAVID M & SUSAN K SEROSKI	Low	Northern Foothills	
842-102-25	DEBORAH JEAN GEARY	Low	Northern Foothills	
842-121-03	DELMA Z JOHNSON	Low	Northern Foothills	
842-111-01	DENNIS C BRETT	Low	Northern Foothills	
856-033-29	DICK C BLOCK	Low	Northern Foothills	
842-101-18	DONALD & SHEILA SEGIEN	Low	Northern Foothills	
842-111-21	DOREEN E HINESLY	Low	Northern Foothills	
842-111-22	DOREEN E HINESLY	Low	Northern Foothills	
842-111-66	DOREEN E HINESLY	Low	Northern Foothills	
856-033-34	DORIS SABOL	Low	Northern Foothills	
842-112-15	DOROTHY C CHAPMAN	Low	Northern Foothills	
842-122-02	DOUGLAS ALAN & MARNI LEE NAGY	Low	Northern Foothills	
842-122-03	DOUGLAS ALAN & MARNI LEE NAGY	Low	Northern Foothills	
842-101-65	DUANE & MARIA CECILIA TURNER	Low	Northern Foothills	
842-101-66	DUANE TURNER	Low	Northern Foothills	
842-102-07	DUNCAN REA WILLIAMS	Low	Northern Foothills	
842-111-73	ELSIE L ADDINGTON	Low	Northern Foothills	
842-101-19	EVE MARAM	Low	Northern Foothills	
842-112-42	EVELINA SUE THOMPSON	Low	Northern Foothills	
842-112-41	EVELINA SUE THOMPSON	Low	Northern Foothills	
842-091-53	EVERETT JUDSON OSHIER	Low	Northern Foothills	
856-081-12	FATHERS OF ORANGE NORBERTINE	Low	Northern Foothills	
842-091-36	FEDERICO MIRANDA	Low	Northern Foothills	
842-112-22	FORTUNATO B NAJERA	Low	Northern Foothills	
842-102-17	FRANZ FAMILY TRUST	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-041-25	FRIEDHELM F & HELEN B BRUNS	Low	Northern Foothills	
842-111-58	GARA BRUTON	Low	Northern Foothills	
842-111-57	GARA BRUTON	Low	Northern Foothills	
856-033-10	GARDNER C NORMAN	Low	Santa Ana Mts/Foothills	
842-111-37	GARY LEE & CHRISTINE FAITH HOFFMAN	Low	Northern Foothills	
842-101-16	GARY V ROBINSON	Low	Northern Foothills	
856-041-51	GARY W MILLER	Low	Northern Foothills	
842-102-06	GEORGE H & BARBARA A NICKOL	Low	Northern Foothills	
842-112-29	GEORGE N KENT	Low	Northern Foothills	
842-112-46	GERALD N PYATT	Low	Northern Foothills	
842-112-45	GERALD N PYATT	Low	Northern Foothills	
842-112-47	GERALD N PYATT	Low	Northern Foothills	
856-034-17	GERMAINE E ALBRECHT	Low	Northern Foothills	
842-101-20	GILBERT & EVELYN ORTEGA	Low	Northern Foothills	
842-091-01	GILBERT E LEACH	Low	Northern Foothills	
842-091-58	GILBERT E LEACH	Low	Northern Foothills	
842-081-27	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-081-29	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-161-01	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-161-08	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-161-03	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-161-04	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-081-28	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-161-07	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-161-06	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-161-02	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-161-05	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-081-26	GIRLS AND BOYS TOWN OF S. CALIFORNIA	Low	Northern Foothills	
842-121-08	GREGG C & CYNTHIA S HAMMORK	Low	Northern Foothills	
842-111-16	GREGORY A BRATOFF	Low	Northern Foothills	
842-111-17	GREGORY A BRATOFF	Low	Northern Foothills	
856-031-12	GUNTHER M BAUER	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-031-13	GUNTHER M BAUER	Low	Northern Foothills	
856-031-04	HARRY S HELMS	Low	Northern Foothills	
842-111-76	HELGA THORDARSON	Low	Northern Foothills	
842-071-18	HENDON ONE LLC	Low	Northern Foothills	
842-111-23	HINESLY FAMILY 2002 TRUST	Low	Northern Foothills	
842-091-40	HOWARD R & ELEANOR M ZAHN	Low	Northern Foothills	
842-091-39	HOWARD ZAHN	Low	Northern Foothills	
842-101-02	HUMBERTO CASTRO	Low	Northern Foothills	
842-101-21	HUMBERTO CASTRO	Low	Northern Foothills	
856-034-16	IMAD BOUKAI	Low	Northern Foothills	
856-161-05	JACK HAFEN	Low	Northern Foothills	
856-161-06	JACK HAFEN	Low	Northern Foothills	
842-112-11	JAMES D MOREHOUSE	Low	Northern Foothills	
842-101-55	JAMES E & NANCY M SCHICHT	Low	Northern Foothills	
842-101-56	JAMES E & NANCY M SCHICHT	Low	Northern Foothills	
856-033-01	JAMES J & LOIS L KEENER	Low	Northern Foothills	
842-122-17	JAMES MICHAEL IACONO	Low	Northern Foothills	
842-122-16	JAMES MICHAEL IACONO	Low	Northern Foothills	
856-031-22	JAMES R & BETTY A MOLTER	Low	Northern Foothills	
856-031-18	JAMES R & BETTY A MOLTER	Low	Northern Foothills	
842-101-14	JAMES T RAWIE	Low	Northern Foothills	
842-101-54	JAMIE G & CLAUDIA STEIGERWALD	Low	Northern Foothills	
842-111-54	JANE E CLARKE	Low	Northern Foothills	
842-091-59	JANEEN KATHLEEN MILLER	Low	Northern Foothills	
842-112-49	JANICE MARIE & TERENCE JOHN MADDEN	Low	Northern Foothills	
842-112-14	JAY S & CHANDA J SCELSI	Low	Northern Foothills	
842-102-01	JEAN-CHRISTOPHE SMITH	Low	Northern Foothills	
842-112-38	JEFFERY J KERMODE	Low	Northern Foothills	
856-033-09	JEFFREY PHILIP FOSTER	Low	Santa Ana Mts/Foothills	
842-122-14	JENNIFER C & PAUL R GODWARD	Low	Northern Foothills	
856-033-21	JENNIFER LEE MONROE	Low	Northern Foothills	
842-011-24	JENNIFER S BROOKS	Low	Santa Ana Mts/Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-033-35	JEROME A STETS	Low	Northern Foothills	
842-122-20	JERRY TROTTER	Low	Northern Foothills	
856-031-15	JIM R & JACQUI MORELAND	Low	Northern Foothills	
842-122-01	JOCELYN N LORBIECKI	Low	Northern Foothills	
856-041-34	JOHN A HAMIL	Low	Northern Foothills	
842-162-02	JOHN SEFTON	Low	Northern Foothills	
856-041-22	JOHN W & PATRICIA ANN REED	Low	Northern Foothills	
842-111-77	JOSEPH & BETTY SOTTOSANTO	Low	Northern Foothills	
842-111-52	JOSEPH M & SHERRY A BAERG	Low	Northern Foothills	
842-111-53	JOSEPH M & SHERRY A BAERG	Low	Northern Foothills	
842-091-64	JUD & LIANE OSHIER	Low	Northern Foothills	
842-091-27	JUDY A SPINELLI	Low	Northern Foothills	
842-102-15	JULIO L ARANDA	Low	Northern Foothills	
842-102-16	JULIO L ARANDA	Low	Northern Foothills	
842-102-14	JULIO L ARANDA	Low	Northern Foothills	
842-101-47	KARL & SALLY M STALCUP	Low	Northern Foothills	
842-111-62	KARRIN HOPPER	Low	Northern Foothills	
842-111-30	KATHY A STOREY	Low	Northern Foothills	
842-102-23	KENNETH & JODY KOTT	Low	Northern Foothills	
856-151-03	KENNETH B GOODING	Low	Santa Ana Mts/Foothills	
856-151-02	KENNETH B GOODING	Low	Santa Ana Mts/Foothills	
856-151-04	KENNETH B GOODING	Low	Santa Ana Mts/Foothills	
856-151-05	KENNETH B GOODING	Low	Santa Ana Mts/Foothills	
856-151-01	KENNETH B. GOODING	Low	Santa Ana Mts/Foothills	
856-041-02	KENNETH E PULKRABEK	Low	Northern Foothills	
842-101-15	KENNETH J & JODY JEAN KOTT	Low	Northern Foothills	
842-091-65	KENNETH V RYBERG	Low	Northern Foothills	
842-101-63	KEVIN J & NANCY A HORN	Low	Northern Foothills	
842-101-40	KEVIN M & SHIRLEY A MURPHY	Low	Northern Foothills	
842-101-41	KEVIN M & SHIRLEY A MURPHY	Low	Northern Foothills	
842-111-47	KIM & GARRY ALTON	Low	Northern Foothills	
842-122-05	KIRAN PATEL	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
842-112-25	LAMMERCHINA ALLEN	Low	Northern Foothills	
842-112-26	LAMMERCHINA ALLEN	Low	Northern Foothills	
842-101-58	LEE F & PAMELA L KEARNEY	Low	Northern Foothills	
842-081-20	LEONARD & EVELYN M SCHWENDEMAN	Low	Northern Foothills	
842-101-59	LEONARD & EVELYN M SCHWENDEMAN	Low	Northern Foothills	
842-091-51	LEONARD & EVELYN M SCHWENDEMAN	Low	Northern Foothills	
842-101-06	LEONARD E SCHWENDEMAN	Low	Northern Foothills	
842-091-52	LEONARD E SCHWENDEMAN	Low	Northern Foothills	
842-102-18	LEONARD E SCHWENDEMAN	Low	Northern Foothills	
842-101-08	LEONARD E SCHWENDEMAN	Low	Northern Foothills	
842-111-50	LEONARD J & LORINE J GALASSO	Low	Northern Foothills	
856-031-05	LINCOLN TRUST CO CDN FBO HERBERT KATZ	Low	Northern Foothills	
842-111-32	LINDA KNIGHT	Low	Northern Foothills	
842-111-29	LINDA LOU KNIGHT	Low	Northern Foothills	
856-031-03	LIVE OAK CANYON LLC	Low	Northern Foothills	
856-033-20	LLOYD L & TINA P HARTMAN	Low	Northern Foothills	
856-033-30	LLOYD L & TINA P HARTMAN	Low	Northern Foothills	
842-081-11	LOLA MARIAN NEMOSECK	Low	Northern Foothills	
856-052-28	LOUIS MOSCOZO	Low	Northern Foothills	
842-091-44	LUIS ENRIQUE ALEMAN	Low	Northern Foothills	
842-102-28	LYNNE A HINMAN	Low	Northern Foothills	
856-041-38	M C PARTNERS	Low	Northern Foothills	
856-033-22	MALCOLM & MARION HOWARD	Low	Northern Foothills	
842-111-09	MARIE CHRISTOPHER	Low	Northern Foothills	
856-041-11	MARK & KATHY WHALEN	Low	Northern Foothills	
842-122-13	MARK A & DIANE T HOBBS	Low	Northern Foothills	
842-122-04	MARK A SECOR	Low	Northern Foothills	
856-034-11	MARK ALAN BENARDO	Low	Santa Ana Mts/Foothills	
856-031-16	MARK GONZALES	Low	Northern Foothills	
842-101-67	MARK R VARNES	Low	Northern Foothills	
842-101-68	MARK R VARNES	Low	Northern Foothills	
842-111-19	MARK V & CHARMAINE D TRAPPETT	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
842-101-50	MARK W WIGH	Low	Northern Foothills	
842-101-64	MARTIN J & LORETTA L ZUPANCIC	Low	Northern Foothills	
842-102-02	MARY H MULLEN	Low	Northern Foothills	
842-102-22	MATTHEW K CROWLEY	Low	Northern Foothills	
856-031-14	MATTHEW ZAAENGLE	Low	Northern Foothills	
842-102-24	MAUREEN MASTERS	Low	Northern Foothills	
842-111-55	MICHAEL & VIRGINIA M SUPINO	Low	Northern Foothills	
856-033-23	MICHAEL A & JACQUELINE S MUMMERT	Low	Northern Foothills	
856-052-12	MICHAEL A MC DONALD	Low	Northern Foothills	
842-101-30	MICHAEL D BUFFINGTON	Low	Northern Foothills	
856-031-20	MICHAEL F & CATHERINE KAZMARK	Low	Northern Foothills	
856-141-03	MICHAEL HOWHANNESIAN	Low	Northern Foothills	
856-141-04	MICHAEL HOWHANNESIAN	Low	Northern Foothills	
856-141-05	MICHAEL HOWHANNESIAN	Low	Santa Ana Mts/Foothills	
856-141-02	MICHAEL HOWHANNESIAN	Low	Santa Ana Mts/Foothills	
842-101-35	MICHAEL JAMES & ALLISON MARIE KIRK	Low	Northern Foothills	
842-101-34	MICHAEL JAMES & ALLISON MARIE KIRK	Low	Northern Foothills	
842-101-53	MICHAEL JAMES LILLEVIG	Low	Northern Foothills	
842-091-47	MICHAEL L & ANNALEE MATHIS	Low	Northern Foothills	
842-111-03	NANCY LEE ISON	Low	Northern Foothills	
856-041-48	NANCY MITCHELL	Low	Northern Foothills	
842-112-16	NATHAN MUNDY	Low	Northern Foothills	
856-171-12	OAKS AT TRABUCO COMMUNITY ASSOCIATION	Low	Northern Foothills	
856-171-10	OAKS AT TRABUCO COMMUNITY ASSOCIATION	Low	Northern Foothills	
856-171-11	OAKS AT TRABUCO COMMUNITY ASSOCIATION	Low	Northern Foothills	
856-171-03	OAKS AT TRABUCO THE	Low	Northern Foothills	
856-171-01	OAKS AT TRABUCO THE	Low	Northern Foothills	
856-171-05	OAKS AT TRABUCO THE	Low	Northern Foothills	
856-171-02	OAKS AT TRABUCO THE	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
856-171-07	OAKS AT TRABUCO THE	Low	Northern Foothills	
856-171-08	OAKS AT TRABUCO THE	Low	Northern Foothills	
856-171-04	OAKS AT TRABUCO THE	Low	Northern Foothills	
856-171-09	OAKS AT TRABUCO THE	Low	Northern Foothills	
856-171-06	OAKS AT TRABUCO THE	Low	Northern Foothills	
842-112-04	OLAFUR MAR THORDARSON	Low	Northern Foothills	
842-121-06	ONDINE I DANNLER	Low	Northern Foothills	
842-101-33	PASCUAL M LOZANO	Low	Northern Foothills	
842-101-45	PASCUAL M LOZANO	Low	Northern Foothills	
856-034-09	PATRICIA & FRANK J GARZA	Low	Santa Ana Mts/Foothills	
842-111-61	PATRICIA P CLARKE	Low	Northern Foothills	
842-101-26	PATRICK D & JENNIFER L BRAY	Low	Northern Foothills	
842-111-64	PATRICK M MC GRIFF	Low	Northern Foothills	
856-033-25	PAUL A FESSLER	Low	Northern Foothills	
842-111-35	PAUL A MECKLENBURG	Low	Northern Foothills	
842-111-40	PAUL MARK HAMILTON-RIVERS	Low	Northern Foothills	
842-111-39	PAUL MARK HAMILTON-RIVERS	Low	Northern Foothills	
856-052-17	PAUL THIER	Low	Northern Foothills	Thier Property 1
856-034-13	PAUL V LOSKUTOFF	Low	Northern Foothills	
842-122-11	PETER B JAMES	Low	Northern Foothills	
842-162-01	PETER B JAMES	Low	Northern Foothills	
856-041-46	PETER M SCHAEFER	Low	Northern Foothills	
856-041-49	PETER M SCHAEFER	Low	Northern Foothills	
842-111-68	PHILADELPHO BATOON	Low	Northern Foothills	
842-122-18	PHILIP E TURGASEN	Low	Northern Foothills	
842-102-08	PHILIP L GILLESPIE	Low	Northern Foothills	
842-121-11	PHILIP M & DELMA Z JOHNSON	Low	Northern Foothills	
842-101-25	RALPH A CHANDOS	Low	Northern Foothills	
842-101-36	RANDOLPH R BRUSCA	Low	Northern Foothills	
842-102-19	RAYMOND C & ETHEL G WILLIAMS	Low	Northern Foothills	
842-091-46	RAYMOND JAMES CHANDOS	Low	Northern Foothills	
856-034-10	RAYMOND JOHN PUZIO	Low	Santa Ana Mts/Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
842-111-45	REBECCA S RANDELL	Low	Northern Foothills	
842-111-46	REBECCA S RANDELL	Low	Northern Foothills	
856-034-12	RENA C SMITH	Low	Santa Ana Mts/Foothills	
856-041-43	RHONDA J NIELSEN	Low	Northern Foothills	
856-041-44	RHONDA JEAN NIELSEN	Low	Northern Foothills	
842-111-51	RICHARD D FRISBY	Low	Northern Foothills	
856-052-10	RICHARD J & CAROL FELCH	Low	Northern Foothills	
856-041-36	RICHARD K GERARDS	Low	Northern Foothills	
856-052-18	RICHARD T & PATTI A GOMEZ	Low	Northern Foothills	
842-102-21	RICHARD T & PATTI A GOMEZ	Low	Northern Foothills	
842-102-20	RICHARD T & PATTI A GOMEZ	Low	Northern Foothills	
842-101-29	RICHARD V & SANDRA L ESPOSITO	Low	Northern Foothills	
842-101-23	RICHARD V ESPOSITO	Low	Northern Foothills	
842-091-56	ROBERT & SANDRA WALLACE	Low	Northern Foothills	
842-112-39	ROBERT A & MARION E WILKS	Low	Northern Foothills	
842-091-49	ROBERT A DUDLEY	Low	Northern Foothills	
842-102-05	ROBERT C MC DONALD	Low	Northern Foothills	
842-111-72	ROBERT E & SUE D SELFF	Low	Northern Foothills	
842-101-04	ROBERT J NIEBLAS	Low	Northern Foothills	
842-091-55	ROBERT K JOHNSON	Low	Northern Foothills	
842-111-42	ROBERT L DAVIS	Low	Northern Foothills	
856-031-11	ROBERT L HEERDT	Low	Northern Foothills	
842-111-02	ROBERTA R GROVER	Low	Northern Foothills	
842-011-20	RODNEY C VAN SICKLE	Low	Santa Ana Mts/Foothills	
842-111-34	RODRIGO MATA	Low	Northern Foothills	
842-102-09	RON PLOMELL	Low	Northern Foothills	
842-101-69	RONALD & MARCIA PFLUGRATH	Low	Northern Foothills	
842-112-37	RUSSELL L & EVELINA S THOMPSON	Low	Northern Foothills	
842-112-35	RUSSELL L & EVELINA SUE THOMPSON	Low	Northern Foothills	
856-021-03	RUTTER SANTIAGO L P	Low	Northern Foothills	Saddle Creek South
856-021-19	RUTTER SANTIAGO L P	Low	Northern Foothills	Saddle Creek South
856-021-14	RUTTER SANTIAGO L P	Low	Northern Foothills	Saddle Creek South



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
842-021-08	RUTTER SANTIAGO L P	Low	Santa Ana Mts/Foothills	Sky Ranch
842-031-08	RUTTER SANTIAGO L P	Low	Santa Ana Mts/Foothills	Sky Ranch
856-033-26	SANDRA BRUNET	Low	Northern Foothills	
842-101-27	SANDRA E SCHUERMAN	Low	Northern Foothills	
856-033-16	SANDRA J BRUNET	Low	Northern Foothills	
842-081-22	SANTA ANA MOUNTAINS CO WATER DIST	Low	Northern Foothills	
856-041-31	SANTA ANA MOUNTAINS COUNTY WATER DIST	Low	Northern Foothills	
842-041-03	SANTA ANA MOUNTAINS COUNTY WATER DIST	Low	Northern Foothills	
842-101-62	SARAH W SMITH	Low	Northern Foothills	
842-101-61	SARAH W SMITH	Low	Northern Foothills	
842-101-44	SARAH W SMITH	Low	Northern Foothills	
842-101-43	SARAH W SMITH	Low	Northern Foothills	
842-111-33	SCOTT B PEARSON	Low	Northern Foothills	
842-101-32	SEFERINA NAVARRO MUNOZ	Low	Northern Foothills	
842-111-25	SHAHID & MARGIE MAHBOOB	Low	Northern Foothills	
842-111-26	SHAHID & MARGIE MAHBOOB	Low	Northern Foothills	
842-121-10	SHARON L STANCATO	Low	Northern Foothills	
842-112-23	SHELLY BLACK	Low	Northern Foothills	
842-112-10	STANFORD M & GLORIA L MAGIDSON	Low	Northern Foothills	
842-162-04	STANTON C MAHLER	Low	Northern Foothills	
856-041-29	STANTON C NEWTON	Low	Northern Foothills	
856-033-12	STEPHEN J DE LANCE	Low	Northern Foothills	
842-111-70	STEPHEN L OWENS	Low	Northern Foothills	
842-111-71	STEPHEN L OWENS	Low	Northern Foothills	
856-033-17	STEPHEN M MILES	Low	Northern Foothills	
856-041-27	STEVEN M DOWNING	Low	Northern Foothills	
842-081-12	STEVEN U PARKER	Low	Northern Foothills	Mitchell Properties (aka Parker)
842-111-81	STUART W & CHRISTY E STEPHENS	Low	Northern Foothills	
842-091-35	SUSAN BALDWIN	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Core Habitat Area ²	Submittal Property ³
842-091-20	SUSAN BALDWIN	Low	Northern Foothills	
842-111-06	SUSAN DYANN BOX DENBY	Low	Northern Foothills	
842-111-49	SVEINN THORDARSON	Low	Northern Foothills	
842-071-16	TAKASHI YASUTAKE	Low	Northern Foothills	
856-041-45	TED WILLIAM CARLSON	Low	Northern Foothills	
842-112-50	TERENCE JOHN & JANICE MARIE MADDEN	Low	Northern Foothills	
842-101-28	THOMAS GALLEGOS	Low	Northern Foothills	
856-041-50	THOMAS HAFEN	Low	Northern Foothills	
842-091-37	THOMAS J & JENNIFER S BROOKS	Low	Northern Foothills	
842-111-31	THOMAS M & GERI LYNNE DICKSON	Low	Northern Foothills	
842-091-48	THOMAS V MORGAN	Low	Northern Foothills	
842-122-12	TOM HICKS	Low	Northern Foothills	
842-051-04	TRABUCO CANYON CO LLC	Low	Northern Foothills	Ferber Ranch
842-011-04	TRABUCO CANYON CO LLC	Low	Santa Ana Mts/Foothills	Ferber Ranch
842-101-57	TRABUCO OAKS STEAK HOUSE INC	Low	Northern Foothills	
842-101-11	UNNAR GARDARSSON	Low	Northern Foothills	
842-091-63	VERGE & LYNETTE L HAGOPIAN	Low	Northern Foothills	
842-091-62	VERGE & LYNETTE L HAGOPIAN	Low	Northern Foothills	
842-112-20	VIVIAN L RUDOLPH	Low	Northern Foothills	
842-091-42	W J MORISON	Low	Northern Foothills	
856-041-14	WADE J & JANET L BLOMBERG	Low	Northern Foothills	
842-101-51	WADE JAMES & JANET L BLOMBERG	Low	Northern Foothills	
842-091-43	WILLIAM & ROBYN HEARTY	Low	Northern Foothills	
842-111-75	WILLIAM BOYD STILES	Low	Northern Foothills	
842-112-19	WILLIAM E & MARCIA BRECHTEL	Low	Northern Foothills	
856-041-47	WILLIAM J MARTIN	Low	Northern Foothills	
856-041-35	WILLIAM RIVERA	Low	Northern Foothills	
842-091-50	WILLIAM STALLINGS	Low	Northern Foothills	
856-052-04	WILLIAM Y C LIN	Low	Northern Foothills	
856-052-26	WILLIAM Y C LIN	Low	Northern Foothills	
856-041-42	WINTHROP CLARK	Low	Northern Foothills	
842-091-41	WINTHROP W CLARK	Low	Northern Foothills	



Assessor Parcel Number	Owner	Positional Priority Level¹	Core Habitat Area²	Submittal Property³
842-101-17	ZACKARY & JONETTE D DOPSON	Low	Northern Foothills	

¹ Positional Priority Level:

H = High Priority (interior and adjacent to protected open space)

M = Medium Priority (interior and not adjacent to protected open space or edge and adjacent to protected open space)

L = Low Priority (edge and not adjacent to protected open space)

² Parcels marked as Northern Foothills occur only in this core habitat area; parcels marked as Santa Ana Mts/Foothills occur in both the Santa Ana Mountains core habitat area and the Northern Foothills core habitat area.

³ Submittal property = properties submitted to OCTA for consideration for acquisition or restoration.



Southern Foothills Core Habitat Area

Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
Priority Conservation Area A			
125-162-43	RMV SAN JUAN WATERSHED LLC	High	
125-162-42	RMV SAN MATEO WATERSHED LLC	High	
125-162-41	RMV SAN MATEO WATERSHED LLC	High	
125-162-37	RMV SAN MATEO WATERSHED LLC	High	
124-140-52	COUNTY OF ORANGE	Medium	
124-140-42	COUNTY OF ORANGE	Medium	
124-140-46	COUNTY OF ORANGE	Medium	
124-081-22	COUNTY OF ORANGE	Medium	
125-162-06	COUNTY OF ORANGE	Medium	
125-172-07	DMB SAN JUAN INVESTMENT NORTH LLC	Medium	
125-172-17	DMB SAN JUAN INVESTMENT NORTH LLC	Medium	
125-162-44	RMV SAN JUAN WATERSHED LLC	Medium	
125-162-45	RMV SAN JUAN WATERSHED LLC	Medium	
125-172-21	RMV SAN JUAN WATERSHED LLC	Medium	
125-172-20	RMV SAN JUAN WATERSHED LLC	Medium	
125-162-34	RMV SAN JUAN WATERSHED LLC	Medium	
125-162-39	RMV SAN JUAN WATERSHED LLC	Medium	
125-162-40	RMV SAN MATEO WATERSHED LLC	Medium	
708-071-03	STANDARD PACIFIC CORP	Medium	
708-071-04	STANDARD PACIFIC CORP	Medium	
124-140-53	WHISPERING HILLS LLC	Medium	
125-172-16	UNKNOWN	Medium	
664-121-32	CITY OF SAN JUAN CAPISTRANO	Low	
124-101-06	COUNTY OF ORANGE	Low	
124-101-05	COUNTY OF ORANGE	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
125-172-05	COUNTY OF ORANGE	Low	
125-172-18	DMB SAN JUAN INVESTMENT NORTH LLC	Low	
125-172-11	DMB SAN JUAN INVESTMENT NORTH LLC	Low	
125-172-19	DMB SAN JUAN INVESTMENT NORTH LLC	Low	
664-121-09	EDWARD M TOMOYASU	Low	
664-121-11	JAMES MICHAEL & PEGGY TOOHEY WARDLE	Low	
664-121-08	JOSEPH L PULONE	Low	
664-121-10	ROBERT C SCHRANK	Low	
701-362-37	ROGER WAZNY	Low	
664-121-33	SAN JUAN CREEK HOMEOWNERS ASSN	Low	
124-223-79	CAPISTRANO UNIFIED SCHOOL DISTRICT	Low	
708-061-03	SHEA HOMES LIMITED PARTNERSHIP	Low	
664-121-07	STAN WINNIMAN	Low	
708-071-02	STANDARD PACIFIC CORP	Low	
701-351-04	STANDARD PACIFIC CORP	Low	
708-071-01	STANDARD PACIFIC CORP	Low	
701-351-03	STANDARD PACIFIC CORP	Low	
701-361-02	TALEGA ASSOCIATES	Low	
701-361-01	TALEGA ASSOCIATES	Low	
708-061-13	TALEGA ASSOCIATES	Low	
701-361-03	TALEGA ASSOCIATES	Low	
701-361-16	TALEGA MAINTENANCE CORP	Low	
701-361-04	TALEGA MAINTENANCE CORP	Low	
708-061-01	TALEGA MAINTENANCE CORP	Low	
708-061-02	TALEGA MAINTENANCE CORP	Low	
701-361-15	TALEGA MAINTENANCE CORP	Low	
124-223-81	WHISPERING HILLS LLC	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
Priority Conservation Area B			
124-101-34	RMV BLIND CANYON LLC	High	
124-101-35	RMV BLIND CANYON LLC	High	
124-101-33	RMV BLIND CANYON LLC	Medium	
124-101-39	RMV BLIND CANYON LLC	Medium	
124-101-32	RMV BLIND CANYON LLC	Medium	
124-101-36	UNITED STATES OF AMERICA	Low	
Priority Conservation Area C			
125-150-65	DMB SAN JUAN INVEST NO LLC	High	
125-150-73	DMB SAN JUAN INVESTMENT NORTH LLC	High	
125-150-66	DMB SAN JUAN INVEST NO LLC	Medium	
125-150-55	DMB SAN JUAN INVESTMENT NORTH LLC	Medium	
Priority Conservation Area D			
125-161-51	DMB SAN JUAN INVESTMENT NORTH LLC	0 ⁴	
125-161-45	DMB SAN JUAN INVESTMENT NORTH LLC	0 ⁴	

¹ Positional Priority Level

H = High Priority (interior and adjacent to protected open space)

M = Medium Priority (interior and not adjacent to protected open space or edge and adjacent to protected open space)

L = Low Priority (edge and not adjacent to protected open space)

² Submittal property = properties submitted to OCTA for consideration for acquisition or restoration (note: there are no submittal properties in the Southern Foothills Priority Conservation Areas).

³ Parcels with no Positional Priority Ranking (=0) overlap wholly or partially with the Protected Areas Dataset; a portion of these parcels may support unprotected natural lands.



San Joaquin Hills Core Habitat Area

Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
Priority Conservation Area A			
481-011-09	IRVINE LAND COMPANY LLC	Medium	
481-011-29	IRVINE LAND COMPANY LLC	Medium	
586-011-07	IRVINE LAND COMPANY LLC	Medium	
586-021-05	IRVINE LAND COMPANY LLC	Medium	
586-011-06	IRVINE RANCH WATER DIST	Medium	
586-011-01	IRVINE LAND COMPANY LLC ³	Medium	
Priority Conservation Area B			
586-011-01	IRVINE LAND COMPANY LLC ³	Medium	
588-011-32	IRVINE LAND COMPANY LLC	Medium	
588-011-10	IRVINE LAND COMPANY LLC	Medium	
588-021-10	IRVINE LAND COMPANY LLC	Medium	
588-021-37	IRVINE LAND COMPANY LLC	Medium	
588-011-36	STATE OF CALIFORNIA	Medium	
588-011-34	UNKNOWN	Medium	
588-021-03	UNKNOWN	Medium	
588-011-20	IRVINE CO	Low	
588-211-08	IRVINE CO	Low	
588-211-09	IRVINE CO	Low	
588-211-07	IRVINE CO	Low	
588-011-35	STATE OF CALIFORNIA	Low	
588-011-33	UNKNOWN	Low	
Priority Conservation Area C			
056-240-50	ALISO CREEK PROPERTIES LLC	Low	
056-240-66	DRIFTWOOD PROPERTIES LLC	Low	
656-168-09	ADAMS W DARRYL	Low	
656-035-09	ADRIAN LLOYD SIEDLE	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
656-062-23	AHMAD NEMOVI	Low	
056-240-48	ALISO CREEK PROPERTIES LLC	Low	
056-240-51	ALISO CREEK PROPERTIES LLC	Low	
656-062-05	ALLEN MIRYAZDI	Low	
656-035-10	BANK TREASURY N A	Low	
656-062-43	BHIKHU V RAVAL	Low	
656-062-40	BHIKHU V RAVAL	Low	
656-062-41	BHIKHU V RAVAL	Low	
656-062-18	CARSON H PALMER	Low	
656-168-05	CHARLES & SCOT EASTMAN	Low	
656-025-29	CHARLES O HOVEY	Low	
656-062-30	CITY OF LAGUNA BEACH	Low	
656-034-16	CRAIG D BRASHIER	Low	
656-062-13	CYNTHIA GLAZER	Low	
656-062-14	DANUTA MASON	Low	
656-167-12	DAVID J GULLEN	Low	
656-168-18	DETLEV P ROTHE	Low	
656-168-19	DETLEV P ROTHE	Low	
656-191-02	DIOCESE OF ORANGE ED & WELFARE CORP	Low	
656-191-06	DIOCESE OF ORANGE ED & WELFARE CORP	Low	
656-062-33	DONALD R COLE	Low	
056-240-57	DRIFTWOOD PROPERTIES LLC	Low	
056-240-65	DRIFTWOOD PROPERTIES LLC	Low	Driftwood Restoration
656-191-40	DRIFTWOOD PROPERTIES LLC	Low	Driftwood Restoration
656-062-56	ELIA KORPINEN	Low	
656-062-03	FRANCIS E FROST	Low	
656-062-21	FRANK TRAN	Low	
656-062-37	GENRIK SINANYAN	Low	
656-062-38	GENRIK SINANYAN	Low	
656-062-61	GLORIA MUNOZ	Low	
656-062-09	HARINDER S & HARKIRAN K GOGIA	Low	
656-062-47	HARRIETT A H MOODY	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
656-062-42	HARRIETT A H MOODY	Low	
656-062-45	HASSAN GODARZI	Low	
656-062-36	HERBST M PAMELA	Low	
656-062-44	HYRUM G SMITH	Low	
656-062-52	JEWELL B MC FARLAND	Low	
656-062-07	JOHN A MILLER	Low	
656-167-33	JOHN A SELECKY	Low	
656-062-20	JOHN D & PATRICIA SCHAAF BARNETT	Low	
656-167-11	JOHN DANIEL COLL	Low	
656-062-02	JOHN T WOODEN	Low	
056-240-12	JOHN W VERDUGO	Low	
656-062-34	JOHN WESLEY POWELL	Low	Powell
056-240-62	JOSEPH ANTHONY FERRUCCI	Low	
656-062-63	JOSEPH V CRAWFORD	Low	
656-062-64	JOSEPH V CRAWFORD	Low	
656-062-65	JOSEPH V CRAWFORD	Low	
656-053-20	KARIN CHIQUET	Low	
656-062-24	KARL HAUSER	Low	
656-168-07	KRIS S CALEF	Low	
656-071-13	LAGUNA GREEN BELT INC	Low	
656-191-38	LAGUNA TERRACE PARK LLC	Low	
056-240-64	LAGUNA TERRACE PARK LLC	Low	
656-062-55	MANUEL L MURO	Low	
656-062-53	MARILYN KILLIAN-KRUGER	Low	
656-062-19	MARK K SAYED	Low	
656-062-60	MARK TRUE	Low	
656-169-11	MARY D COURTNEY	Low	
656-053-29	MATTHEW & CAROL MCCULLOUGH	Low	
656-167-27	MELVIN LAMPH	Low	
656-071-05	MEYERS-SIMONSEN CO INC	Low	
656-062-06	MOHSEN & NINA SAKHAI	Low	
656-062-49	MOYLE O WOOD	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
656-169-12	ORVILLE H CLAY	Low	
656-053-28	PACIFIC HOME BUILDERS INC	Low	
656-053-27	PACIFIC HOME BUILDERS INC	Low	
656-053-26	PACIFIC HOME BUILDERS INC	Low	
056-240-03	PACIFIC TRIANGLE MGNT CORPORATION	Low	Pacific Triangle Management
656-062-17	PAUL W & LIV I PROVENCE	Low	
656-062-10	PETER GREFE	Low	
656-062-08	PHILIP B CLAYBURGH	Low	
656-167-17	ROBERT N JACKSON	Low	
656-062-04	ROBYN M GUTHRIE	Low	
656-167-34	ROGER K ALDERSON	Low	
656-167-15	ROGER K ALDERSON	Low	
656-062-22	ROGER S HANSON	Low	
656-062-59	RONALD M BIANCO	Low	
656-168-16	RONALD S KLINGE	Low	
656-062-54	SAMUEL J MC DONALD	Low	
656-062-11	SARA E MILBURN	Low	
656-034-15	SIMON QPRT CHANGSTROM	Low	
656-062-62	SINGER DIVERSIFIED LP	Low	
656-062-29	SINGER DIVERSIFIED LP	Low	
656-062-12	SONAZ HAMIDIAN	Low	
656-191-03	SOUTH COAST COUNTY WATER DIST	Low	
656-034-17	STEVEN C MUCCILLO	Low	
656-035-11	SUSAN M GLASSER	Low	
656-062-46	THOMAS R HORNE	Low	
656-062-39	TOOCHIE PATRICI A E ROCKWELL	Low	
656-062-51	VIRGINIA L HORNE	Low	
656-062-48	WILLIAM ARMSTRONG	Low	
656-168-15	WILLIAM I SCHANZ	Low	
656-167-10	YASUKO HIROTANI	Low	
656-071-14	UNKNOWN	Low	
656-071-18	UNKNOWN	Low	



¹ Positional Priority Level:

H = High Priority (interior and adjacent to protected open space)

M = Medium Priority (interior and not adjacent to protected open space or edge and adjacent to protected open space)

L = Low Priority (edge and not adjacent to protected open space)

² Submittal property = properties submitted to OCTA for consideration for acquisition or restoration.

³ Parcel occurs in both Priority Conservation Areas A and B.



Chino Hills Core Habitat Area

Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
Priority Conservation Area A			
306-012-12	CALRESOURCES LLC	Medium	
304-171-03	CALRESOURCES LLC	Medium	Shell-Aera (HOSEC)
306-021-18	CITY OF INDUSTRY	Medium	
306-021-17	CITY OF INDUSTRY	Medium	
306-021-19	CITY OF INDUSTRY	Medium	
306-021-01	TONNER CANYON LLC	Medium	
306-021-02	TONNER CANYON LLC	Medium	
306-012-35	TONNER HILLS 680 LLC	Medium	
306-021-07	VICTORIA J GILLETT	Medium	
304-151-59	BREA FIELDS LLC	Low	
304-151-17	CALRESOURCES LLC	Low	Shell-Aera (HOSEC)
304-151-18	CALRESOURCES LLC	Low	Shell-Aera (HOSEC)
304-151-69	CALRESOURCES LLC	Low	
304-171-06	CALRESOURCES LLC	Low	
304-171-08	CALRESOURCES LLC	Low	
306-011-01	CALRESOURCES LLC	Low	Shell-Aera (HOSEC)
306-011-03	CALRESOURCES LLC	Low	Shell-Aera (HOSEC)
306-013-01	CALRESOURCES LLC	Low	Shell-Aera (HOSEC)
306-012-13	CALRESOURCES LLC	Low	Shell-Aera (HOSEC)
306-021-03	CITICASTERS CO	Low	
308-031-24	CITY OF INDUSTRY	Low	
308-031-32	CITY OF INDUSTRY	Low	
308-031-18	CITY OF INDUSTRY	Low	
306-021-16	CITY OF INDUSTRY	Low	
308-031-17	COUNTY OF ORANGE	Low	
306-021-06	JACK R HARDING	Low	
306-021-13	PACIFIC TERMINALS LLC	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
304-171-05	TONNER CANYON LLC	Low	
304-171-07	UNKNOWN	Low	
Priority Conservation Area B			
315-011-02	INTER-AMERICAN INVESTMENTS INC	Medium	
315-013-09	JOSEPH W BEATTIE	Medium	
315-011-05	SOUTH GOODLAND INVESTMENTS	Medium	
315-101-04	STEPHEN P MCLEMORE	Medium	
315-013-16 ³	HOLLYDALE UPPERTIER/OPERATING L P	Medium	
315-013-14 ³	PRESBYTRN CHURCH SAMSUNG	Medium	
315-101-17	ALEJANDRO M ARREDONDO	Low	
315-013-17	CHURCH CARBON CANYON	Low	
315-013-20	CHURCH CARBON CANYON	Low	
315-013-18	CHURCH CARBON CANYON	Low	
315-013-21	CHURCH CARBON CANYON	Low	
315-013-19	CHURCH CARBON CANYON	Low	
315-041-07	CLAUDE E JONES	Low	
315-101-02	DALE L ZENTNER	Low	
315-041-02	DAVID H PEBLEY	Low	
315-101-18	DAVID JAMES WINNER	Low	
315-101-10	DAVID S & DEBORAH RENEE STEVENSON	Low	
315-101-11	DONNA M NORTON	Low	
315-041-08	DONNA M NORTON	Low	
315-101-12	DOUGLAS K STRICKLIN	Low	
315-101-03	FRANK R SULICK	Low	
315-101-19	JAMES L WEINHEIMER	Low	
315-041-06	JAMES P CARRESCIA	Low	
315-101-16	JEFFREY L RANDALL	Low	
315-101-20	JEROLD R THRASHER	Low	
315-101-14	LEONARD M RENICK	Low	
315-041-05	MONA LEE STOCKDALE	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
315-023-09	PATRICK R & BECKY K SCANLON	Low	
315-011-04	SCHOOL BREA-OLINDA UNIFIED DIST	Low	
315-041-01	VIVIAN B CARROLL	Low	
315-101-13	WALLACE & LISA WHEADON	Low	
Priority Conservation Area C			
312-011-09	LEO HAYASHI	High	Hayashi
312-021-07	ARVIND C & BHARATI A LAPSIWALA	High	
312-021-06	ARVIND C & BHARATI A LAPSIWALA	High	
312-041-02	BILLY ANDREWS	High	
312-021-10	JORGE HERNANDEZ	High	
312-021-11	WINNIE LLC	High	
315-013-16 ³	HOLLYDALE UPPERTIER/OPERATING L P	Medium	
315-013-14 ³	PRESBYTRN CHURCH SAMSUNG	Medium	
312-021-03	BILLY ANDREWS	Medium	
312-051-01	BILLY WAYNE ANDREWS	Medium	
315-081-09	CALRESOURCES LLC	Medium	
315-013-15	CHURCH CARBON CANYON	Medium	
315-091-03	CITY OF BREA	Medium	
315-091-13	CITY OF BREA	Medium	
315-091-10	DAVID S KWON	Medium	
312-021-09	GARY S & DEBBIE L JACKSON	Medium	
312-041-07	JULIE KNOWLES	Medium	
312-011-13	LEO HAYASHI	Medium	Hayashi
312-011-11	LEO HAYASHI	Medium	Hayashi
315-091-09	MRF-CARBON CANYON LP	Medium	
315-091-14	MRF-CARBON CANYON LP	Medium	
312-021-04	SHIRLEY NIPP-DEGENKOLB	Medium	
315-013-07	SKYLINE PROP DEV INC	Medium	
312-051-02	SOQUEL ASSOCIATES LTD	Medium	
312-021-08	WINNIE LLC	Medium	
312-021-05	ANDREWS PROPERTIES	Medium	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
315-091-02	CITY OF BREA	Low	
312-011-02	CITY OF BREA	Low	
312-041-04	CLARK TINGEY HATCH	Low	
312-041-05	DANIEL T CAUDILLO	Low	
312-011-04	DONALD F BLAIN	Low	
315-091-08	HATA INVESTMENT INC	Low	
315-091-07	HATA INVESTMENT INC	Low	
312-011-01	HATA INVESTMENT INC	Low	
312-032-01	HATA INVESTMENT INC	Low	
312-032-04	HATA INVESTMENT INC	Low	
312-021-01	HATA INVESTMENT INC	Low	
312-031-01	JAMILA BAYATI	Low	
312-011-16	JOHN C BONILLA	Low	
312-011-15	JOHN C BONILLA	Low	
312-011-03	JOHN C BONILLA	Low	
312-011-06	JOHN C BONILLA	Low	
312-031-02	JOSEPHS HILL OF HOPE SAINT	Low	
315-091-06	KAMM J & KERRY LYNN DARRELL	Low	
312-011-08	LEO HAYASHI	Low	Hayashi
312-011-12	LEO HAYASHI	Low	Hayashi
312-011-08	LEO HAYASHI	Low	Hayashi
312-021-02	MRF CARBON CANYON L P	Low	
315-091-12	MRF CARBON CANYON LP	Low	
312-031-03	MRF-CARBON CANYON II LP	Low	
315-091-05	MRF-CARBON CANYON LP	Low	
315-091-11	MRF-CARBON CANYON LP	Low	
312-011-05	RALPH L CASTOR	Low	
312-041-06	ROBERT D REDFORD	Low	
312-041-03	SALVADOR & VERONICA TINIO	Low	
312-032-03	STATE OF CALIFORNIA	Low	
312-032-02	STATE OF CALIFORNIA	Low	

¹ Positional Priority Level:



H = High Priority (interior and adjacent to protected open space)

M = Medium Priority (interior and not adjacent to protected open space or edge and adjacent to protected open space)

L = Low Priority (edge and not adjacent to protected open space)

² Submittal property = properties submitted to OCTA for consideration for acquisition or restoration.

³ Parcel occurs in Priority Conservation Areas B and C.



West Coyote Hills Core Habitat Area

Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
Priority Conservation Area A			
019-491-01	LENNAR HOMES CA INC	Medium	
288-091-13	PACIFIC COAST HOMES	Medium	
288-091-01	PACIFIC COAST HOMES	Medium	West Coyote Hills
288-091-10	CITY OF FULLERTON	Low	
Priority Conservation Area B			
288-091-13	PACIFIC COAST HOMES	Medium	
288-091-01	PACIFIC COAST HOMES	Medium	West Coyote Hills
288-221-30	CITY OF FULLERTON	Low	
019-484-58	CITY OF LA HABRA	Low	
019-481-02	CITY OF LA HABRA	Low	
287-082-28	PACIFIC COAST HOMES	Low	
287-082-27	PACIFIC COAST HOMES	Low	
Priority Conservation Area C			
287-081-27	CHURCH WEST FULLERTON OF CHRIST	Medium	West Coyote Hills
287-081-54	PACIFIC COAST HOMES	Medium	West Coyote Hills
287-081-52	PACIFIC COAST HOMES	Medium	West Coyote Hills
287-081-53	PACIFIC COAST HOMES	Medium	West Coyote Hills
287-081-48	PACIFIC COAST HOMES	Medium	West Coyote Hills
287-081-51	PACIFIC COAST HOMES	Medium	West Coyote Hills
287-081-01	CITY OF FULLERTON	Low	
287-081-55	CITY OF FULLERTON	Low	
287-331-04	CITY OF LA HABRA	Low	
287-331-02	CITY OF LA HABRA	Low	
287-081-25	PACIFIC COAST HOMES	Low	West Coyote Hills
287-081-26	PACIFIC COAST HOMES	Low	West Coyote Hills
287-081-24	PACIFIC COAST HOMES	Low	West Coyote Hills



¹ Positional Priority Level:

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M = Medium Priority (interior and not adjacent to protected open space or edge and adjacent to protected open space)

L = Low Priority (edge and not adjacent to protected open space)

² Submittal property = properties submitted to OCTA for consideration for acquisition or restoration.

³ Parcel occurs in Priority Conservation Areas A and B.



Upper Santa Ana River Core Habitat Area

Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
Priority Conservation Area A			
351-042-33	CITY OF ANAHEIM	Medium	
352-121-05	GROUP KLEIN	Medium	
352-121-08	MERCADO DEL RIO PROPERTY LLC	Medium	
Priority Conservation Area B			
353-121-07	OC FLOOD CONTROL DISTRICT	Medium	
353-082-04	OC FLOOD CONTROL DISTRICT	Medium	
353-121-06	OC FLOOD CONTROL DISTRICT	Medium	
353-072-02	OC FLOOD CONTROL DISTRICT	Medium	
353-121-03	OC FLOOD CONTROL DISTRICT	Medium	
353-072-01	OC FLOOD CONTROL DISTRICT	Medium	
353-082-02	OC FLOOD CONTROL DISTRICT	Medium	
353-082-03	OC FLOOD CONTROL DISTRICT	Medium	
353-121-02	OC FLOOD CONTROL DISTRICT	Medium	
353-082-01	OC FLOOD CONTROL DISTRICT	Medium	
353-121-09	OC FLOOD CONTROL DISTRICT	Medium	
353-121-08	OC FLOOD CONTROL DISTRICT	Medium	
353-121-01	OC FLOOD CONTROL DISTRICT	Low	
353-121-04	OC FLOOD CONTROL DISTRICT	Low	
353-121-05	OC FLOOD CONTROL DISTRICT	Low	
353-101-07	OC FLOOD CONTROL DISTRICT ³	High	
353-101-03	OC FLOOD CONTROL DISTRICT ³	High	
Priority Conservation Area C			
353-101-07	OC FLOOD CONTROL DISTRICT ³	High	
353-101-03	OC FLOOD CONTROL DISTRICT ³	High	
353-101-01	UNKNOWN	High	



Assessor Parcel Number	Owner	Positional Priority Level¹	Submittal Property²
353-101-08	OC FLOOD CONTROL DISTRICT	Low	
353-101-06	YORBA LINDA WATER DISTRICT	Low	

¹ Positional Priority Level:

H = High Priority (interior and adjacent to protected open space)

M = Medium Priority (interior and not adjacent to protected open space or edge and adjacent to protected open space)

L = Low Priority (edge and not adjacent to protected open space)

² Submittal property = properties submitted to OCTA for consideration for acquisition or restoration (note: there are no submittal properties in the Upper Santa Ana River Priority Conservation Areas).

³ Parcel occurs in Priority Areas 2 and 3.



Bolsa Chica Core Habitat Area

Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
Priority Conservation Area G			
110-016-32	SIGNAL COMPANIES INC	Medium	
110-016-31	STATE OF CALIFORNIA	Medium	
110-017-55	STATE OF CALIFORNIA	Medium	
110-016-06	STATE OF CALIFORNIA	Medium	
Priority Conservation Area H			
110-016-22	STATE OF CALIFORNIA	Medium	
163-271-18	STEPHEN C MOORE	Medium	
163-263-06	FLOYD G BELSITO	Low	
163-271-16	JO ELLYN HIX	Low	
163-271-15	JOHN M BOWDEN	Low	
163-151-05	STATE OF CALIFORNIA	Low	
163-271-17	WILLIAM H & CATHERINE T YING	Low	
Priority Conservation Area I			
159-244-01	DANIEL R BARRON	Medium	
110-017-59	NEW HENLEY HOLDINGS INC	Medium	
110-017-32 ³	NEW HENLEY HOLDINGS INC	Medium	Edwards Thumb
159-254-02	ALAN & KELLY HURST	Low	
159-254-03	ANDREA ROLF	Low	
159-254-11	DANIEL J & LISA K MC DONALD	Low	
159-254-11	DANIEL J & LISA K MC DONALD	Low	
159-254-07	DAVID R & C LYN SCOTT	Low	
159-254-01	DAVID WILLIAM & JONI LEE LANG	Low	
159-244-08	EDWARD G & SHEREE M MOUNTFORD	Low	
159-244-08	EDWARD G & SHEREE M MOUNTFORD	Low	
159-244-07	EDWARD GLENN MOUNTFORD	Low	
159-244-06	FREDERICK D & KARI L FURRY	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
159-254-04	IRENE GUARDERAS	Low	
159-248-02	JAMES E MINIHAN	Low	
159-244-02	JOHN A & ANTOINETTE T SQUIRES	Low	
159-245-01	KELLY ANNE MORROW	Low	
159-248-03	KENNETH J GUNN	Low	
159-244-03	LAVERNE V HYCNER	Low	
159-248-01	MARK A THOMPSON	Low	
159-254-06	MICHAEL D & CAROLYN M HAWKINS	Low	
159-254-05	MITHRIL MGNT INC	Low	
110-017-26	NEW HENLEY HOLDINGS INC	Low	
110-017-58	NEW HENLEY HOLDINGS INC	Low	
110-017-25	NEW HENLEY HOLDINGS INC	Low	
159-244-04	ROBERT VAN LEEUWEN	Low	
159-248-04	SCOTT V & MELISSA TOD GILES	Low	
159-245-06	SHERRY K SHAW	Low	
159-244-05	TERRY A & SALLY A MESTAS	Low	
Priority Conservation Area J			
110-017-32 ³	NEW HENLEY HOLDINGS INC	Medium	Edwards Thumb
110-017-28	CITY OF HUNTINGTON BEACH	Medium	
110-017-29	CITY OF HUNTINGTON BEACH	Medium	
110-017-27	NEW HENLEY HOLDINGS INC	Medium	
110-017-30	NEW HENLEY HOLDINGS INC	Medium	Edwards Thumb
110-017-27	NEW HENLEY HOLDINGS INC	Medium	
110-164-08	51635189 SECOND FAMILY LIMITED PARTNERSHIP	Low	
110-186-16	ALICE E HUGHES	Low	
110-184-17	BETTY MC QUILLEN	Low	
110-186-08	CARL J & ALICE M OBERT	Low	
110-164-06	CHARLES B KIMBALL	Low	
110-184-10	CHARLES B KIMBALL	Low	
110-183-16	CITY OF HUNTINGTON BEACH	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
159-012-05	CITY OF HUNTINGTON BEACH	Low	
110-170-15	CITY OF HUNTINGTON BEACH	Low	
110-153-18	CITY OF HUNTINGTON BEACH	Low	
110-153-19	CITY OF HUNTINGTON BEACH	Low	
110-153-20	CITY OF HUNTINGTON BEACH	Low	
110-153-21	CITY OF HUNTINGTON BEACH	Low	
110-165-13	CITY OF HUNTINGTON BEACH	Low	
110-165-14	CITY OF HUNTINGTON BEACH	Low	
110-165-15	CITY OF HUNTINGTON BEACH	Low	
110-165-16	CITY OF HUNTINGTON BEACH	Low	
110-165-17	CITY OF HUNTINGTON BEACH	Low	
110-165-18	CITY OF HUNTINGTON BEACH	Low	
110-165-19	CITY OF HUNTINGTON BEACH	Low	
110-165-20	CITY OF HUNTINGTON BEACH	Low	
110-165-21	CITY OF HUNTINGTON BEACH	Low	
110-165-22	CITY OF HUNTINGTON BEACH	Low	
110-165-23	CITY OF HUNTINGTON BEACH	Low	
110-165-24	CITY OF HUNTINGTON BEACH	Low	
110-185-10	CITY OF HUNTINGTON BEACH	Low	
110-185-11	CITY OF HUNTINGTON BEACH	Low	
110-185-12	CITY OF HUNTINGTON BEACH	Low	
110-185-13	CITY OF HUNTINGTON BEACH	Low	
110-185-14	CITY OF HUNTINGTON BEACH	Low	
110-185-16	CITY OF HUNTINGTON BEACH	Low	
110-185-17	CITY OF HUNTINGTON BEACH	Low	
110-185-18	CITY OF HUNTINGTON BEACH	Low	
110-185-19	CITY OF HUNTINGTON BEACH	Low	
110-185-20	CITY OF HUNTINGTON BEACH	Low	
110-185-21	CITY OF HUNTINGTON BEACH	Low	
110-186-12	CITY OF HUNTINGTON BEACH	Low	
110-186-13	CITY OF HUNTINGTON BEACH	Low	
110-186-17	CITY OF HUNTINGTON BEACH	Low	
110-186-18	CITY OF HUNTINGTON BEACH	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
110-186-19	CITY OF HUNTINGTON BEACH	Low	
110-186-20	CITY OF HUNTINGTON BEACH	Low	
110-186-21	CITY OF HUNTINGTON BEACH	Low	
110-186-22	CITY OF HUNTINGTON BEACH	Low	
110-161-13	CITY OF HUNTINGTON BEACH	Low	
110-161-14	CITY OF HUNTINGTON BEACH	Low	
110-161-15	CITY OF HUNTINGTON BEACH	Low	
110-151-12	CITY OF HUNTINGTON BEACH	Low	
110-151-13	CITY OF HUNTINGTON BEACH	Low	
110-161-02	CITY OF HUNTINGTON BEACH	Low	
110-161-03	CITY OF HUNTINGTON BEACH	Low	
110-161-04	CITY OF HUNTINGTON BEACH	Low	
110-161-05	CITY OF HUNTINGTON BEACH	Low	
110-161-06	CITY OF HUNTINGTON BEACH	Low	
110-161-07	CITY OF HUNTINGTON BEACH	Low	
110-161-08	CITY OF HUNTINGTON BEACH	Low	
110-161-09	CITY OF HUNTINGTON BEACH	Low	
110-161-10	CITY OF HUNTINGTON BEACH	Low	
110-161-11	CITY OF HUNTINGTON BEACH	Low	
110-161-12	CITY OF HUNTINGTON BEACH	Low	
110-161-16	CITY OF HUNTINGTON BEACH	Low	
110-161-17	CITY OF HUNTINGTON BEACH	Low	
110-161-18	CITY OF HUNTINGTON BEACH	Low	
110-161-19	CITY OF HUNTINGTON BEACH	Low	
110-161-20	CITY OF HUNTINGTON BEACH	Low	
110-161-21	CITY OF HUNTINGTON BEACH	Low	
110-161-22	CITY OF HUNTINGTON BEACH	Low	
110-161-23	CITY OF HUNTINGTON BEACH	Low	
110-161-24	CITY OF HUNTINGTON BEACH	Low	
110-160-01	CITY OF HUNTINGTON BEACH	Low	
110-160-02	CITY OF HUNTINGTON BEACH	Low	
110-170-10	CITY OF HUNTINGTON BEACH	Low	
110-181-09	CITY OF HUNTINGTON BEACH	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
110-181-10	CITY OF HUNTINGTON BEACH	Low	
110-181-11	CITY OF HUNTINGTON BEACH	Low	
110-181-12	CITY OF HUNTINGTON BEACH	Low	
110-182-01	CITY OF HUNTINGTON BEACH	Low	
110-182-02	CITY OF HUNTINGTON BEACH	Low	
110-182-04	CITY OF HUNTINGTON BEACH	Low	
110-182-05	CITY OF HUNTINGTON BEACH	Low	
110-182-06	CITY OF HUNTINGTON BEACH	Low	
110-182-07	CITY OF HUNTINGTON BEACH	Low	
110-182-08	CITY OF HUNTINGTON BEACH	Low	
110-182-09	CITY OF HUNTINGTON BEACH	Low	
110-182-10	CITY OF HUNTINGTON BEACH	Low	
110-182-12	CITY OF HUNTINGTON BEACH	Low	
110-180-08	CITY OF HUNTINGTON BEACH	Low	
110-180-10	CITY OF HUNTINGTON BEACH	Low	
110-180-14	CITY OF HUNTINGTON BEACH	Low	
110-151-14	CITY OF HUNTINGTON BEACH	Low	
110-162-01	CITY OF HUNTINGTON BEACH	Low	
110-162-02	CITY OF HUNTINGTON BEACH	Low	
110-162-07	CITY OF HUNTINGTON BEACH	Low	
110-162-09	CITY OF HUNTINGTON BEACH	Low	
110-162-10	CITY OF HUNTINGTON BEACH	Low	
110-162-11	CITY OF HUNTINGTON BEACH	Low	
110-162-12	CITY OF HUNTINGTON BEACH	Low	
110-162-14	CITY OF HUNTINGTON BEACH	Low	
110-186-10	CITY OF HUNTINGTON BEACH	Low	
110-186-11	CITY OF HUNTINGTON BEACH	Low	
110-180-06	CITY OF HUNTINGTON BEACH	Low	
110-153-12	CITY OF HUNTINGTON BEACH	Low	
110-153-13	CITY OF HUNTINGTON BEACH	Low	
110-153-14	CITY OF HUNTINGTON BEACH	Low	
110-153-15	CITY OF HUNTINGTON BEACH	Low	
110-153-16	CITY OF HUNTINGTON BEACH	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
110-153-17	CITY OF HUNTINGTON BEACH	Low	
110-183-05	CITY OF HUNTINGTON BEACH	Low	
110-183-07	CITY OF HUNTINGTON BEACH	Low	
110-183-08	CITY OF HUNTINGTON BEACH	Low	
110-183-09	CITY OF HUNTINGTON BEACH	Low	
110-183-10	CITY OF HUNTINGTON BEACH	Low	
110-183-11	CITY OF HUNTINGTON BEACH	Low	
110-183-24	CITY OF HUNTINGTON BEACH	Low	
159-393-02	CITY OF HUNTINGTON BEACH	Low	
159-393-03	CITY OF HUNTINGTON BEACH	Low	
159-393-07	CITY OF HUNTINGTON BEACH	Low	
159-393-10	CITY OF HUNTINGTON BEACH	Low	
110-151-09	CITY OF HUNTINGTON BEACH	Low	
110-151-15	CITY OF HUNTINGTON BEACH	Low	
110-151-17	CITY OF HUNTINGTON BEACH	Low	
110-163-01	CITY OF HUNTINGTON BEACH	Low	
110-163-02	CITY OF HUNTINGTON BEACH	Low	
110-163-03	CITY OF HUNTINGTON BEACH	Low	
110-163-04	CITY OF HUNTINGTON BEACH	Low	
110-163-05	CITY OF HUNTINGTON BEACH	Low	
110-151-01	CITY OF HUNTINGTON BEACH	Low	
110-151-02	CITY OF HUNTINGTON BEACH	Low	
110-151-03	CITY OF HUNTINGTON BEACH	Low	
110-151-04	CITY OF HUNTINGTON BEACH	Low	
110-151-07	CITY OF HUNTINGTON BEACH	Low	
110-151-08	CITY OF HUNTINGTON BEACH	Low	
159-023-01	CITY OF HUNTINGTON BEACH	Low	
110-164-22	CITY OF HUNTINGTON BEACH	Low	
110-165-02	CITY OF HUNTINGTON BEACH	Low	
110-165-04	CITY OF HUNTINGTON BEACH	Low	
110-165-06	CITY OF HUNTINGTON BEACH	Low	
110-165-07	CITY OF HUNTINGTON BEACH	Low	
110-165-08	CITY OF HUNTINGTON BEACH	Low	



Assessor Parcel Number	Owner	Positional Priority Level ¹	Submittal Property ²
110-165-09	CITY OF HUNTINGTON BEACH	Low	
110-165-10	CITY OF HUNTINGTON BEACH	Low	
110-165-11	CITY OF HUNTINGTON BEACH	Low	
110-165-12	CITY OF HUNTINGTON BEACH	Low	
110-183-12	CITY OF HUNTINGTON BEACH	Low	
110-183-13	CITY OF HUNTINGTON BEACH	Low	
110-183-14	CITY OF HUNTINGTON BEACH	Low	
110-183-15	CITY OF HUNTINGTON BEACH	Low	
110-183-17	CITY OF HUNTINGTON BEACH	Low	
110-183-18	CITY OF HUNTINGTON BEACH	Low	
110-183-20	CITY OF HUNTINGTON BEACH	Low	
110-183-21	CITY OF HUNTINGTON BEACH	Low	
110-183-22	CITY OF HUNTINGTON BEACH	Low	
110-183-23	CITY OF HUNTINGTON BEACH	Low	
110-184-13	CITY OF HUNTINGTON BEACH	Low	
110-184-14	CITY OF HUNTINGTON BEACH	Low	
110-184-15	CITY OF HUNTINGTON BEACH	Low	
110-184-18	CITY OF HUNTINGTON BEACH	Low	
110-184-19	CITY OF HUNTINGTON BEACH	Low	
110-184-20	CITY OF HUNTINGTON BEACH	Low	
110-184-21	CITY OF HUNTINGTON BEACH	Low	
110-184-22	CITY OF HUNTINGTON BEACH	Low	
110-184-23	CITY OF HUNTINGTON BEACH	Low	
110-185-01	CITY OF HUNTINGTON BEACH	Low	
110-185-02	CITY OF HUNTINGTON BEACH	Low	
110-185-03	CITY OF HUNTINGTON BEACH	Low	
110-185-05	CITY OF HUNTINGTON BEACH	Low	
110-185-07	CITY OF HUNTINGTON BEACH	Low	
110-185-08	CITY OF HUNTINGTON BEACH	Low	
110-185-09	CITY OF HUNTINGTON BEACH	Low	
110-186-01	CITY OF HUNTINGTON BEACH	Low	
110-186-02	CITY OF HUNTINGTON BEACH	Low	
110-186-05	CITY OF HUNTINGTON BEACH	Low	