

**INITIAL MANAGEMENT EVALUATION REPORT  
(IMER)**

**For**

**SSR INV. CO. PROPERTY**



**Prepared by  
Natural Resources Management Section  
Riverside County Park and Open-Space District**

**April, 2009**

**Riverside County  
Multi-Species Habitat Conservation Plan  
Initial Management Evaluation Report  
Habitat Management Unit: Cactus Valley**

RESERVE NAME: **CAC 1**  
ACQUISITION NAME: SSR INV. CO.  
PROJECT ID NUMBER: RC22000073

**I. SITE PHYSICAL DESCRIPTION**

**1.A. Site Physical Location & Access:**

The SSR property consists of two parcels totaling 1261.28 acres. From north to south they are: SSR-A (APN 569-040-007) and SSR-B (APN 569-040-031). Both parcels lie north of Taffle Ranch Road, east of Sage Road, south of Cactus Valley Road and west of Wild Cat Trail. Access to the site can be obtained directly through a dirt road that stems from Red Mountain Road. Access throughout the site can be done by non-four wheel drive vehicle on dirt roads that run through the site and by foot in the rocky-steep areas.

The parcels' general locations are:

	<b>UTM</b>	<b>STATE PLAIN</b>	<b>TOWNSHIP / RANGE</b>
<b>PARCEL</b>	<b>NAD-27, meters</b>	<b>NAD-83, feet</b>	<b>Bachelor Mountain Quad</b>
<b>A</b>	510730E 3723389N	6368479E 2181692N	SE¼, Sec.16, T6S, R1W
<b>B</b>	510697E 3721785N	6369263E 2176409N	SE¼, Sec.21, T6S, R1W

**1.B. Acreage:**

PARCEL A	616.15 Acres
PARCEL B	645.13 Acres
<b>TOTAL</b>	<b>1261.28 Acres</b>

**1.C. Topography:**

The majority of the property is comprised of moderately to steeply sloped mountains with large rocks and boulders scattered throughout. There are several drainages within the property, with the largest flowing through Cholla Canyon in

the north. Given the location and topography of the site, the majority of the property is very difficult to fully access.

#### **1.D. Surrounding Land Use:**

The area surrounding the SSR property generally supports natural open-space. The surrounding southern area also includes some low-density housing. The low-density housing consists primarily of single family homes. The majority of the surrounding residents participate in equestrian activities and some off-highway vehicle (OHV) activities.

## **2. BIOLOGICAL ASSESSMENT**

#### **2.A. Plant Communities:**

Both parcels primarily support a chaparral plant community, with some small areas of coast sage scrub and woodlands also present. Species identified during the initial site visit include chamise (*Adenostoma fasciculatum*), red shank (*Adenostoma sparsifolium*), manzanita (*Arctostaphylos spp.*), mountain mahogany (*Cercocarpus betuloides*), California buckwheat (*Eriogonum fasciculatum*), thicketleaf yerba santa (*Eriodictyon crassifolium*), chaparral yucca (*Yucca whipplei*), western sycamore (*Plantanus racemosa*), coast live oak (*Quercus agrifolia*) and scrub oak (*Quercus berberidifolia*).

Wild flowers identified during the April 23, 2008 site visit were blue dicks (*Dichelostemma capitatum*), fiddleneck (*Amsinckia menziesii* var. *intermedia*) and purple owl's-clover (*Castilleja exserta*).

#### **2.B. Likely Animal Species:**

Given the natural open-space environment and lack of human encroachment, the likelihood of finding species associated with the present habitat is very high. Potential species could include: bobcat (*Lynx rufus*), coyote (*Canis latrans*), spotted skunk (*Spilogale putorius*), bats (several species), brush rabbit (*Sylvilagus bachmanii cinerascens*), wood rats (*Lepida spp.*), southern Pacific rattlesnake (*Crotalus viridis*), red-diamond rattlesnake (*Crotalus ruber*), Baja California lyresnake (*Trimorphodon biscutatus lyrophanes*), coastal whiptail (*Aspidoscelis tigris stejnegeri*), granite spiny lizard (*Sceloporus orcutti*), red coachwhip (*Masticophis flagellum piceus*), rosy boa (*Lichanura trivirgata*), southern sagebrush lizard (*Sceloporous graciosus vandenburgianus*), side-blotched lizard (*Uta stansburiana*), coast horned lizard (*Phrynosoma coronatum blainvillii*), red-tailed hawk (*Buteo jamaicensis*), black phoebe (*Sayornis nigricans*), California thrasher (*Toxostoma redivivum*), California towhee (*Pipilo fuscus*), spotted towhee (*Pipilo maculates*), wrenit (*Chamaea fasciata*), California quail (*Callipepla californica*), and mourning dove (*Zenaida macroura*).

## **2.C. Other Habitat or Wildlife Features:**

The SSR property serves as important wildlife habitat in the area. The presence of significant rock outcrops is considered suitable habitat for several bat species.

One 2nd order and four 1st order streams exist within the SSR property boundary. These streams may serve as suitable habitat for several species.

## **2.D. Target Species:**

Please see Appendix A for a qualitative checklist of MSHCP target animal species, and Appendix B for plant species.

## **3. IMPACTS AND CURRENT CONDITIONS**

### **3.A. Current Uses:**

The site possesses two main access roads; Red Mountain Road, which heads east to west in SSR-B and an unnamed dirt road that heads north to south through both parcels. Currently the SSR property is being used as an area to ride horses and as an access route to the residence (Acappella Ranch) on APN 569-050-019.

### **3.B. Fencing & Access Controls:**

The SSR property is currently not fenced. A large gate is located on the unnamed dirt road just off of Red Mountain Road. Per County Assessor data January 2008, the owner of this gate is suspected to be Ed O'Connor (property owner of Acappella Ranch on APN 569-050-019). Ed O'Connor is suspected to be the owner of the gate due to the large sign placed in front of the gate along Red Mountain Road.

### **3.C. Off-Road Vehicle (OHV) Use / Damage:**

Some OHV activity occurs on the property, but seems to be limited on established roads and trails. Further activity is prevented by the steep/rocky topography and/or dense vegetation.

Previous activity of manure dumping has been found to occur on dirt roads within the property boundary. Persons associated with the dumping of the manure have been contacted by County Rangers and RCA personnel and both sides have come to an agreement to cease the dumping of manure on RCA owned land and its associated drainages.

### **3.D. Illegal Dumping:**

Illegal dumping was found to occur in the southern portion of SSR-B. The amount of refuse in SSR-B was minimal and not considered a serious concern (see Attachment D). MSHCP maintenance worker removed the refuse after the close of escrow and disposed of it at the County dump.

### **3.E. Target Shooting & Hunting:**

Upland game (e.g., dove and quail) can be found throughout the area. Spent shells can be found in areas of suitable terrain. Deer hunting activities do not appear to occur on the SSR property.

### **3.F. Weed Abatement:**

Weed abatement is currently not needed within the SSR property.

### **3.G. Other Recreational Opportunities and Constraints:**

None.

### **3.H. Special Conditions of Purchase:**

None reported.

## **4. RESTORATION OPPORTUNITIES**

### **4.A. Target Species:**

Currently, no specific target species' restoration activities are needed. However, opportunities may exist following RCA field monitoring results.

### **4.B. Multi-Species Aspects:**

No aspects are foreseen as long as the site remains pristine and there is no increase in human activity or wildfires.

## **5. RESERVE DESIGN AND CONNECTIVITY**

### **5.A. Boundary, Edge and Community Location:**

Currently, low-density housing is found near the southern area of the property. Little edge effects are foreseen due to the large size of the property and continuity of the undeveloped habitat in the area.

## **5.B. Connectivity:**

Collectively, the acquired parcels add to the overall goal of preserving habitat and establishing different core areas. The SSR property will help establish Proposed Core 4, which will help establish open-space land continuity towards Proposed Core Area 7 to the south. Proposed Core Area 4 will eventually be connected through linkages to Proposed Core Area 5 to the north and Existing Core Area J to the west.

## **5.C. Nearby Existing Reserves:**

The Goodhart property is located adjacent to the western border of the SSR property. The Goodhart property adds 919.03 acres of contiguous habitat to the west of the SSR property. The Kirchner property is located 2.2-miles northeast of the SSR property.

## **5.D. Priority for Future Purchases:**

Priority for future purchases should be given to the areas that will most likely be developed in the near future. The areas of most concern are found between the SSR property and Proposed Core Area 7 where open-space habitat will soon be replaced with development. The open space land between these two areas will be crucial in establishing the connection of Proposed Core Areas 4 and 7.

## **6. INTERIM MANAGEMENT**

### **6.A. Public Issues:**

The main priority in initial management should be to assess and control OHV and shooting/hunting use in the area. This should include the installation of fencing and gates in problem areas. The property will also need to be routinely patrolled by County Rangers to ensure that OHV use does not increase.

Signs should be placed along the borders to notify the public of new land regulations.

### **6.B. Biological Issues:**

Given the remoteness of the site and lack of on-site activity there are few biological issues.

### **6.C. Recommended Interim Management Scenario:**

- 1) County Ranger patrol twice a month.
- 2) Install and maintain fencing and signs as needed.

7. **MAPS** – Appendix C.

8. **SITE PHOTOGRAPHS** – Appendix D.

COMMON NAME	SCIENTIFIC NAME	HABITAT	NOT PRESENT	NOT LIKELY PRESENT	POSSIBLY PRESENT	LIKELY PRESENT	CONFIRMED PRESENT
<b>INVERTEBRATES</b>							
RIVERSIDE FAIRY SHRIMP	<i>Streptocephalus woottoni</i>	Vernal Pool	✓				
SANTA ROSA PLATEAU FAIRY SHRIMP	<i>Linderiella santarosae</i>	Vernal Pool	✓				
VERNAL POOL FAIRY SHRIMP	<i>Branchinecta lynchi</i>	Vernal Pool	✓				
<b>INSECTS</b>							
QUINO CHECKERSPOT BUTTERFLY	<i>Euphydryas editha quino</i>	Sage Scrub			✓		
DELHI SANDS FLOWER-LOVING FLY	<i>Rhaphiomidas terminus abdominalis</i>	Delhi Sands	✓				
<b>FISH</b>							
ARROYO CHUB	<i>Gila orcuttii</i>	Aquatic	✓				
SANTA ANA SUCKER	<i>Catostomus santaanae</i>	Aquatic	✓				
<b>AMPHIBIANS</b>							
COAST RANGE NEWT	<i>Taricha torosa tarosa</i>	Riparian / Intermittant Streams		✓			
ARROYO TOAD	<i>Bufo californicus</i>	Riparian / Well-watered Streams	✓				
WESTERN SPADEFOOT TOAD	<i>Scaphiopus hammondi</i>	Temp. Pools / Surrounding Uplands			✓		
CALIFORNIA RED-LEGGED FROG	<i>Rana aurora draytonii</i>	Permanent Streams and Rivers		✓			
MOUNTAIN YELLOW-LEGGED FROG	<i>Rana mucosa</i>	Mountain Streams / Rivers / Lakes		✓			
<b>REPTILES</b>							
WESTERN POND TURTLE	<i>Clemmys marmorata pallida</i>	Aquatic	✓				
SAN DIEGO COAST HORNED LIZARD	<i>Phrynosoma coronatum blainvillii</i>	Sage Scrub / Grasslands				✓	
SOUTHERN SAGEBRUSH LIZARD	<i>Sceloporus graciosus vandenburgianus</i>				✓		
GRANITE SPINY LIZARD	<i>Sceloporus orcuttii</i>	Sage Scrub with Rocks				✓	
GRANITE NIGHT LIZARD	<i>Xantusia henshawi henshawi</i>	Rocky sage scrub & chaparral				✓	
ORANGE-THROATED WHIPTAIL	<i>Cnemidophorus hyperythrus beldingii</i>	Sage Scrub				✓	
SAN DIEGO BANDED GECKO	<i>Coleonyx variegatus abbottii</i>	Sage Scrub / Chaparral			✓		
SAN BERNARDINO MOUNTAIN KINGSSNAKE	<i>Lampropeltis zonata parviruba</i>	Upper Elev. Chaparral & Mountains		✓			
SAN DIEGO MOUNTAIN KINGSSNAKE	<i>Lampropeltis zonata pulchra</i>	Upper Elev. Chaparral & Mountains		✓			
SOUTHERN RUBBER BOA	<i>Charina bottae umbratica</i>	Mountains		✓			
NORTHERN RED DIAMOND RATTLESNAKE	<i>Crotalus ruber ruber</i>	Sage Scrub / Chaparral				✓	
<b>BIRDS</b>							
DOUBLE-CRESTED CORMORANT	<i>Phalacrocorax auritus</i>	Aquatic	✓				
AMERICAN BITTERN	<i>Botaurus lentiginosus</i>	Marsh	✓				
GREAT BLUE HERON	<i>Ardea herodias</i>	Waterways & Surrounding Areas	✓				
BLACK-CROWNED NIGHT HERON	<i>Nycticorax nycticorax</i>	Waterways & Surrounding Areas	✓				
WHITE-FACED IBIS	<i>Plegadis chihi</i>	Waterways & Surrounding Areas	✓				
MOUNTAIN PLOVER	<i>Charadrius montanus</i>	Waterways & Surrounding Areas	✓				
TURKEY VULTURE	<i>Carthartes aura</i>	Cosmopolitan				✓	
GOLDEN EAGLE	<i>Aquila chrysaetos</i>	Cosmopolitan			✓		
BALD EAGLE	<i>Haliaeetus leucocephalus</i>	Lakes	✓				
WHITE-TAILED KITE	<i>Elanus leucurus</i>	Brushy Grassland		✓			
NORTHERN HARRIER	<i>Circus cyaneus</i>	Brushy Grassland		✓			
SHARP-SHINNED HAWK	<i>Accipiter striatus</i>	Woodlands & Surrounding Areas			✓		
COOPER'S HAWK	<i>Accipiter cooperii</i>	Woodlands & Surrounding Areas			✓		
NORTHERN GOSHAWK	<i>Accipiter gentilis</i>	Mountains	✓				
SWAINSON'S HAWK	<i>Buteo swainsoni</i>	Open Country	✓				
FERRUGINOUS HAWK	<i>Buteo regalis</i>	Open Country	✓				
OSPREY	<i>Pandion haliaetus</i>	Lakes	✓				
MERLIN	<i>Falco columbarius</i>	Open Woods & Surrounding Areas		✓			
PRAIRIE FALCON	<i>Falco mexicanus</i>	Open Country		✓			
PEREGRINE FALCON	<i>Falco peregrinus</i>	Open Country Near Wetlands		✓			
MOUNTAIN QUAIL	<i>Oreortyx pictus</i>	Mountains			✓		
WESTERN YELLOW-BILLED CUCKOO	<i>Coccyzus americanus occidentalis</i>	Riparian		✓			
CALIFORNIA SPOTTED OWL	<i>Stryx occidentalis occidentalis</i>	Mountains	✓				
BURROWING OWL	<i>Athene cunicularia hypugaea</i>	Open Country		✓			
BLACK SWIFT	<i>Cypseloides niger</i>	Cliffs Near Water	✓				
WILLIAMSON'S SAPSUCKER	<i>Sphyrapicus thyroideus</i>	Mountains		✓			

DOWNY WOODPECKER	<i>Picoides pubescens</i>	Areas With Trees		✓			
SOUTHWESTERN WILLOW FLYCATCHER	<i>Empidonax traillie extimus</i>	Riparian			✓		
CALIFORNIA HORNED LARK	<i>Eremophila alpestris acta</i>	Open Grasslands & Sage Scrub		✓			
TREE SWALLOW	<i>Tachycineta bicolor</i>	Wooded Areas Near Water	✓				
PURPLE MARTIN	<i>Progne subis</i>	Open Country	✓				
CACTUS WREN	<i>Campylorhynchus brunneicapillus</i>	Sage Scrub With Cactus	✓				
COASTAL CALIFORNIA GNATCATCHER	<i>Poliopitila californica californica</i>	Sage Scrub		✓			
LOGGERHEAD SHRIKE	<i>Lanius lucovicianus</i>	Cosmopolitan			✓		
LEAST BELL'S VIREO	<i>Vireo bellii pusillus</i>	Extensive Riparian		✓			
NASHVILLE WARBLER	<i>Vermivora ruficapilla</i>	Riparian		✓			
YELLOW WARBLER	<i>Dendroica petechia brewsteri</i>	Riparian		✓			
McGILLIVRAY'S WARBLER	<i>Oporomis tolmiei</i>	Riparian		✓			
WILSON'S WARBLER	<i>Wilsonia pusilla</i>	Riparian		✓			
YELLOW-BREASTED CHAT	<i>Icteria virens</i>	Riparian		✓			
GRASSHOPPER SPARROW	<i>Ammodramus savannarum</i>	Grasslands		✓			
BELL'S SAGE SPARROW	<i>Amphispiza belli belli</i>	Chaparral			✓		
SO. CAL. RUFOUS-CROWNED SPARROW	<i>Aimophila ruficeps canescens</i>	Sage Scrub / Chaparral Slopes				✓	
LINCOLN'S SPARROW	<i>Melospiza lincolni</i>	Mountain Bogs & Meadows	✓				
TRICOLORED BLACKBIRD	<i>Agelaius tricolor</i>	Marsh	✓				
<b>MAMMALS</b>							
BOBCAT	<i>Lynx rufus</i>	Cosmopolitan				✓	
MOUNTAIN LION	<i>Puma concolor</i>	Remote Mountainous Areas				✓	
LONG-TAILED WEASEL	<i>Mustela frenata</i>	Open Country			✓		
COYOTE	<i>Canis latrans</i>	Cosmopolitan					✓
BRUSH RABBIT	<i>Sylvilagus bachmani</i>	Chaparral				✓	
SAN DIEGO BLACK-TAILED JACKRABBIT	<i>Lepus californicus bennetii</i>	Open Country		✓			
LOS ANGELES POCKET MOUSE	<i>Perognathus longimembris breviansus</i>	Streambeds & Sandy Areas			✓		
NORTHWESTERN SAN DIEGO POCKET MOUSE	<i>Chaetodipus fallax fallax</i>	Sage Scrub / Chaparral				✓	
AGUNAGA KANGAROO RAT	<i>Dipodomys merriami collinus</i>	Sandy Areas Near Aguanga	✓				
SAN BERNARDINO KANGAROO RAT	<i>Dipodomys merriami parvus</i>	Sandy Areas / San Jacinto River	✓				
DELZURA KANGAROO RAT	<i>Dipodomys simulans</i>	Sage Scrub / Chaparral			✓		
STEPHENS' KANGAROO RAT	<i>Dipodomys stephensi</i>	Open Country		✓			
SAN DIEGO DESERT WOODRAT	<i>Neotoma lepida intermedia</i>	Sage Scrub / Chaparral				✓	
SAN BERNARDINO FLYING SQUIRREL	<i>Glaycomys sabrinus californicus</i>	Mountains	✓				

APPENDIX B.  
 Target Plant Species

COMMON NAME	SCIENTIFIC NAME	HABITAT(S)	GENERAL LOCATIONS	NOT PRESENT	NOT LIKELY PRESENT	POSSIBLY PRESENT	LIKELY PRESENT	CONFIRMED PRESENT
beautiful hulsea	<i>Hulsea vestita</i> var. <i>callicarpa</i>	Mid-level mountains	SJMTS			✓		
Brand's phacelia	<i>Phacelia stellaris</i>	Sandy benches	SARIV	✓				
California beardtongue	<i>Penstemon californicus</i>	Mid-level mountains	SJMTS, DVA, SRP			✓		
California bedstraw	<i>Galium californicum</i> var. <i>primum</i>	Upper elevation chaparral	SJMTS, DVA, San Timoteo			✓		
California black walnut	<i>Juglans californica</i> var. <i>californica</i>	Streams	SRP, Pedley			✓		
California muhly	<i>Muhlenbergia californica</i>	Riparian / seeps	Sage area, Prado area, GAV, TEM			✓		
California Orcutt grass	<i>Orcuttia californica</i>	Vernal pools	SALT, SRP, SKUNK	✓				
chickweed oxytheca	<i>Oxytheca caryophylloides</i>	Mountains	SJMTS		✓			
Cleveland's bush monkeyflower	<i>Mimulus clevelandii</i>	Upper elevation chaparral	SAMTS			✓		
cliff cinquefoil	<i>Potentilla rimicola</i>	High elevation rocks	SJMTS	✓				
Coulter's goldfields	<i>Lasthenia glabrata</i> var. <i>coulteri</i>	Alkali vernal plains	SJVAL, Perris Valley, Nichols Rd.	✓				
Coulter's matilija poppy	<i>Romneya coulteri</i>	Dry washes and canyons	GAV, TEM			✓		
Davidson's saltscale	<i>Atriplex sereana</i> var. <i>davidsonii</i>	Alkali vernal plains and pools	SJVAL, Perris Valley, Nichols Rd.	✓				
Englemann oak	<i>Quercus engelmannii</i>	Mesic fans and slopes	SRP, SAMTS, GAV		✓			
Fish's mildwort	<i>Polygala cornuta</i> var. <i>fishiae</i>	Oak riparian woodlands	SRP, SAMTS, Temecula area			✓		
graceful tarplant	<i>Holocarpa virgata</i> <i>elongata</i>	Level grasslands and shrublands	SRP	✓				
Hall's monardella	<i>Monardella macrantha</i> var. <i>hallii</i>	Mountain foothills, dry slopes, ridges	SAMTS, Pine Cove aera		✓			
Hammitt's clay-cress	<i>Sibaropsis hammittii</i>	Clay grasslands	SAMTS	✓				
heart-leaved pitcher plant	<i>Lepechinia cardiophylla</i>	Forests	SAMTS	✓				
intermediate mariposa lily	<i>Calochortus weedii</i> var. <i>intermedius</i>	Dry rocky slopes in SS / CHAP, burned areas	SAMTS, DVA, VAIL			✓		
Jaegar's milk-vetch	<i>Astragalus pachypus</i> var. <i>jaegeri</i>	Dry areas	VAIL, Agunaga area, Protrero area		✓			
Johnston's rock cress	<i>Arabis johnstonii</i>	Upper elevation chaparral, forests	SJMTS			✓		
lemon lily	<i>Lilium parryi</i>	Mountain wet places	SJMTS	✓				
little mousetail	<i>Myosaurus minimum</i> <i>apus</i>	Vernal pools, alkali sinks	SALT, SRP, GAV, MARB	✓				
long-spined spine flower	<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	Rocky clay soils	GAV, TEM, SAMTS, SRP		✓			
many-stemmed dudleya	<i>Dudleya multicaulis</i>	Rocky clay soils, outcrops	GAV, TEM		✓			
Mojave tarplant	<i>Deinandra</i> [ <i>Hemizonia</i> ] <i>mohavensis</i>	Clay or silty streams	SJMTS and foothills		✓			
mud nama	<i>Nama stenocarpum</i>	Marshes	SJRIV near Gilman	✓				
Munz's mariposa lily	<i>Calochortus palmeri</i> var. <i>munzii</i>	Mountains, chaparral	SJMTS			✓		
Munz's onion	<i>Allium munzii</i>	Clay soils in SS / CHAP / Grasslands	GAV, TEM, SAMTS, SKUNK, SKIN			✓		
Nevin'a barberry	<i>Berberis nevinii</i>	Course soils in chaparral	Varies			✓		
ocellated Humboldt lily	<i>Lilium humboldtii</i> <i>ocellatum</i>	Mountain riparian	SAMTS, Palomar Mts.		✓			
Orcutt's brodiaea	<i>Brodiaea orcuttii</i>	Mesic grasslands and pools	SRP	✓				
Palmer's grapplinghook	<i>Harpagonella palmeri</i>	Clay soils in SS / CHAP / Grasslands	varies			✓		
Palomar monkeyflower	<i>Mimulus diffusus</i>	Sandy soils in upper elev. CHAP, forests	SAMTS, SJMTS			✓		
Parish's brittlescale	<i>Atriplex parishii</i>	Alkaine soils	SALT, lower SJRIV	✓				

APPENDIX B.  
 Target Plant Species

<b>Parish's meadowfoam</b>	<i>Limnanthes gracilis</i> var. <i>parishii</i>	Ephemeral wetlands	SRP	✓				
<b>Parry's spine flower</b>	<i>Chorizanthe parryi</i> var. <i>parryi</i>	Alluvial scrub	Varies		✓			
<b>Payson'r jewelflower</b>	<i>Caulanthus simulans</i>	Pinyon-Juniper, chaparral, sage scrub	Agunaga area			✓		
<b>peninsular spine flower</b>	<i>Chorizanthe leptotheca</i>	Dry open areas	Varies	✓				
<b>Plummer's mariposa lily</b>	<i>Calochortus plummerae</i>	Varies	SJMTS, Jurupa Hills		✓			
<b>prostrate navarretia</b>	<i>Navarretia prostrata</i>	Sage scrub, vernal pools, grasslands	SRP		✓			
<b>prostrate spine flower</b>	<i>Chorizanthe procumbrens</i>	Sandy openings in CHAP / SS	SAMTS			✓		
<b>Rainbow manzanita</b>	<i>Arctostaphylos rainbowensis</i>	Iron rich soils in chaparral	SRP, GAV, TEM, Wildomar area			✓		
<b>round-leaved filaree</b>	<i>Erodium macrophyllum</i>	Grasslands	GAV, DVA, TEM	✓				
<b>San Diego ambrosia</b>	<i>Ambrosia pumila</i>	Grasslands	Alberhill, Lake Street, SKUNK	✓				
<b>San Diego button-celery</b>	<i>Eryngium aristulatum</i> var. <i>parishii</i>	Vernal pools	SRP	✓				
<b>San Jacinto Mountains bedstraw</b>	<i>Galium angustifolium jacinticum</i>	Forests	SJMTS	✓				
<b>San Jacinto Valley crownscale</b>	<i>Atriplex coronatum</i> var. <i>notatior</i>	Floodplains	MYSTIC, SALT		✓			
<b>San Miguel savory</b>	<i>Satureja chandleri</i>	Varies	SRP	✓				
<b>Santa Ana River woollystar</b>	<i>Erastrum densifolium sanctorum</i>	Alluvial scrub (immature)	SARIV	✓				
<b>shaggy-haired alumroot</b>	<i>Heuchera hirsutissima</i>	Forests	SJMTS	✓				
<b>slender-horned spine flower</b>	<i>Dodecahema leptoceras</i>	Alluvial scrub (mature)	Indian Creek, VAIL area	✓				
<b>small-flowered microserius</b>	<i>Microserius douglasii</i> var. <i>platycarpha</i>	Clay foothills and grasslands	SRP, Bachelor Mt. area	✓				
<b>small-flowered morning-glory</b>	<i>Convolvulus simulans</i>	Clay and serpentine soils in grasslands	Varies	✓				
<b>smooth tarplant</b>	<i>Centromadia pungens</i> ( <i>Hemizonia pungens laevis</i> )	Varies	Varies			✓		
<b>spreading navarretia</b>	<i>Navarretia fossalis</i>	Vernal pools and ditches	SALT, SJRIV	✓				
<b>sticky-leaved dudleya</b>	<i>Dudleya viscida</i>	Rocky canyon slopes	SAMTS		✓			
<b>thread-leaved brodiaea</b>	<i>Brodiaea filifolia</i>	Alkali pools, mesic grasslands	SJRIV, SALT, SRP	✓				
<b>Vail Lake ceanothus</b>	<i>Ceanothus ophiochilus</i>	Dry ridgetops in chaparral	VAIL area			✓		
<b>vernal barley</b>	<i>Hordeum intercedens</i>	Vernal pools and mesic grasslands	SALT, SJRIV	✓				
<b>Wright's trichocoronis</b>	<i>Trichocoronis wrightii</i> var. <i>wrightii</i>	Alkali vernal pools and flats	SJRIV, MYSTIC	✓				
<b>Yucaipa onion</b>	<i>Allium marvinii</i>	Clay soils in chaparral	Beaumont area			✓		

RAILROAD CANYON

CHOLLA CANYON

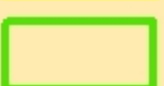
A

B

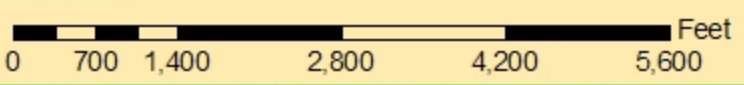
**APPENDIX C - SITE MAP  
SSR INV. CO. PROPERTY  
RC22000073**



**PROPERTY BOUNDARY**



**GOODHART PROPERTY**



## APPENDIX D



Southern border of SSR-B looking north from Varnum Road.



Trash pile along road in SSR-B (Removed).

## APPENDIX D



Witness marker of southeast corner of SSR-A.



Looking north into riparian corridor on SSR-A.

## APPENDIX D



Looking south into drainage from road in SSR-B.



Sign in front of gate on Red Mountain Road.