

San Diego Regional Rare Plant Index Plot Survey Form

Start 10:03
Stop 11:09

Index Plot 1 (testing)

Scientific Name: <i>Rosa minutifolia</i>	Common Name: small-leaved rose
Site Name: Denney Canyon	Management Unit #: -
Date: 5/31/2011	Management Regime: -
Reporter Name(s): Keith Greer, Betsy Miller	Organization: SANDAG
Address: Josh Garcia SANDAG	E-mail: kgre@sandag.org
	Phone: 619-699-7390

Species Found? ☒ YES ☐ NO If not, known or suspected reason why: _____

Total No. Individuals N/A ☐ Exact ☐ Estimate (use orders of 10, 100, 1000 for estimates)

Population/subpopulation Area: _____ (units: _____) ☐ GPS ☐ Other

Collection (if not collected previously)? ☐ YES ☐ NO ☐ Collected Previously

If Yes: _____

Collector _____ Collection Number _____ Museum/Herbarium _____

I. OBSERVATION AREA/MANAGEMENT UNIT LOCATION

GPS Unit: _____ GPS Unit Error: \pm _____ ☐ meters ☐ feet

Location: x = _____ y = _____ ☐ state plane (ft) ☐ UTM (m)

II. GENERAL HABITAT DESCRIPTION AND THREATS ASSESSMENT

Vegetation Community: Coastal Sage Scrub

Land Owner/Manager: City of San Diego

Overall Site Quality (see scale on back): ☐ Very Good-Excellent ☒ Fair-Good ☐ Poor ☐ Very Poor

Surrounding Land Use: _____

Disturbance (describe)	Spatial Extent	(% cover or units)	Management Recommendations
NON-Native grasses	entire plot	60%	?

III. ASSOCIATED SPECIES

List dominant, subdominant, and invasive species in/near target species index plot. Species=Scientific Name; Cover=% cover of species; Coll? - check if collected; Coll# - if submitted to herbarium note collection number(submit to SDNHM unless otherwise noted).

Species	Cover	Coll?	Coll#	Species	Cover	Coll?	Coll#
<i>Rosa minutifolia</i>	7-10			<i>Lamarckia aurea</i>	2		
<i>Artemisia californica</i>	20			<i>Mesembryanthemum cry.</i>	21		
<i>Eriogonum fasciculatum</i>	1			<i>Eryngium aristulatum</i>	1		
<i>Bahiaopsis laciniata</i>	2			<i>Pogogyne nudiuscula</i>	21		
<i>Rhus integrifolia</i>	21			<i>Psilocarphus brevissimus</i>	21		
<i>Isomeris arborea</i>	21			<i>Navarretia hamata</i>	21		
<i>Bromus madritensis</i>	60			<i>Deschampsia spp.</i>	21		
<i>Sisyrinchium bellum</i>	21			<i>Bromus hordeaceus</i>	1		
<i>Sonchus asper</i>	21			<i>Vulpia myuros</i>	1		
<i>Nassella lepida</i>	21			<i>Salicola tragus</i>	21		
<i>Deinandra fasciculata</i>	10			<i>Gastrodium ventricosum</i>	21		
<i>Dudleya variegata</i>	21			Bare Ground 0% Litter 0%			

IV. SITE PHOTOMONITORING

Camera Type: Nikon Coolpix S560 Lens Focal Length: UNKW

x= _____ y= _____ 3614 - 3619

location (state plane, ft)	direction (mag. N)	height (ft_m)	angle (unit)	photo #	file location(s)
x= _____ y= _____					
location (state plane, ft)	direction (mag. N)	height (ft_m)	angle (unit)	photo #	file location(s)

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Overall Site Quality: Modified Trudgen & Keighery Vegetation Condition Scale	
Very Good to Excellent	80-100% Native Flora Composition
	Vegetation structure intact or nearly so
	Cover/abundance of weeds < 5%
	No or minimal signs of disturbance
Fair to Good	50-80% Native Flora Composition
	Vegetation structure modified or somewhat modified
	Cover/abundance of weeds 5-20% any number of individuals
	Possible minor signs of disturbance
Poor	20-50% Native Flora Composition
	Vegetation structure modified or somewhat modified
	Cover/abundance of weeds 20-60% any number of individuals
	Disturbance incidence high
Very Poor	0-20% Native Flora Composition
	Vegetation Structure Disappeared
	Cover/abundance of weeds 60-80% any number of individuals
	Disturbance incidence high

V. OTHER FIELD NOTES		
Plant 1	Plant 2	Plant 3
10:04 - 10:08 AM	10:24 - 10:31	10:34 - 10:36
2 obs	2 obs	3 obs
233 flowers/hips	449 flowers/hips	604 flowers/hips
NOTE: PAST Flowering on most plants makes it difficult to determine #		

VI. SITE MAP (scale 2	units)	50m (North) x 25m (West)
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Start: 11:19
Stop: 12:18

San Diego Regional Rare Plant Index Plot Survey Form

Index Plot 2 (testing)

Scientific Name: <i>Rosa minutifolia</i>		Common Name: small-leaved rose	
Site Name: Denney Canyon - west pop.		Management Unit #: -	
Date: 5/31/2011		Management Regime: -	
Reporter Name(s): Keith Greer, Betsy Miller		Organization: SANDAG	
Address: Josh Garcia SANDAG		E-mail: kgre@sandag.org	
		Phone: 619-699-7390	

Species Found? ☒ YES ☐ NO If not, known or suspected reason why: _____

Total No. Individuals N/A ☐ Exact ☐ Estimate (use orders of 10, 100, 1000 for estimates)

Population/subpopulation Area: _____ (units: _____) ☐ GPS ☐ Other

Collection (if not collected previously)? ☐ YES ☐ NO ☐ Collected Previously

If Yes: _____

Collector _____ Collection Number _____ Museum/Herbarium _____

I. OBSERVATION AREA/MANAGEMENT UNIT LOCATION

GPS Unit: _____ GPS Unit Error: ± _____ ☐ meters ☐ feet

Location: X = _____ Y = _____ ☐ state plane (ft) ☐ UTM (m)

II. GENERAL HABITAT DESCRIPTION AND THREATS ASSESSMENT

Vegetation Community: Coastal Sage Scrub

Land Owner/Manager: City of San Diego

Overall Site Quality (see scale on back): ☒ Very Good-Excellent ☒ Fair-Good ☐ Poor ☐ Very Poor

Surrounding Land Use: Residential 1/4 mile west, commercial 1/4 mile east

Disturbance (describe)	Spatial Extent	(% cover or units)	Management Recommendations

III. ASSOCIATED SPECIES

List dominant, subdominant, and invasive species in/near target species index plot. Species=Scientific Name; Cover=% cover of species; Coll? - check if collected; Coll# - if submitted to herbarium note collection number(submit to SDNHM unless otherwise noted).

Species	Cover	Coll?	Coll#	Species	Cover	Coll?	Coll#
<i>Rosa minutifolia</i>	30-35			Bare ground	<1		
<i>Artemisia californica</i>	15-20			litter	1-2%		
<i>Encelia californica</i>	7						
<i>Bahopsis laciniata</i>	2						
<i>Isocoma menziesii</i>	1						
<i>Rhus integrifolia</i>	<1						
<i>Baccharis sarothroides</i>	<1						
<i>Bromus madritensis</i>	10-15						
<i>Mirabilis</i>	<1						
<i>tecolote</i>	<1						
<i>Cirsium</i> spp.	<1						
<i>Avena barbata</i>	<1						

IV. SITE PHOTOMONITORING

Camera Type: NIKKON Coolpix Lens Focal Length: -

X= _____ Y= 182-186

location (state plane, ft)	direction (mag. N)	height (ft_m)	angle (unit)	photo #	file location(s)
X= _____ Y= _____					
location (state plane, ft)	direction (mag. N)	height (ft_m)	angle (unit)	photo #	file location(s)

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Fair to Good	50-80% Native Flora Composition		
	Vegetation structure modified or somewhat modified		
	Cover/abundance of weeds 5-20% any number of individuals		
	Possible minor signs of disturbance		
Poor	20-50% Native Flora Composition		
	Vegetation structure modified or somewhat modified		
	Cover/abundance of weeds 20-60% any number of individuals		
	Disturbance incidence high		
Very Poor	0-20% Native Flora Composition		
	Vegetation Structure Disappeared		
	Cover/abundance of weeds 60-80% any number of individuals		
	Disturbance incidence high		
V. OTHER FIELD NOTES			
Plant 4	Plant 5	Plant 6	
2 obs	3 obs.	3 obs	
2	378	116	
11:43 - 11:45	11:47 - 11:50	12:05 - 12:09	
NOTE: mono culture of Rosa m. very Dry			
VI. SITE MAP (scale units)			