

# Urban Corps Habitat Services City of Carlsbad 2019 Stewardship Summary Presented at the Annual Public Meeting March 3, 2020

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# Urban Corps of San Diego County History and Mission of “Learning, Earning, Conserving”

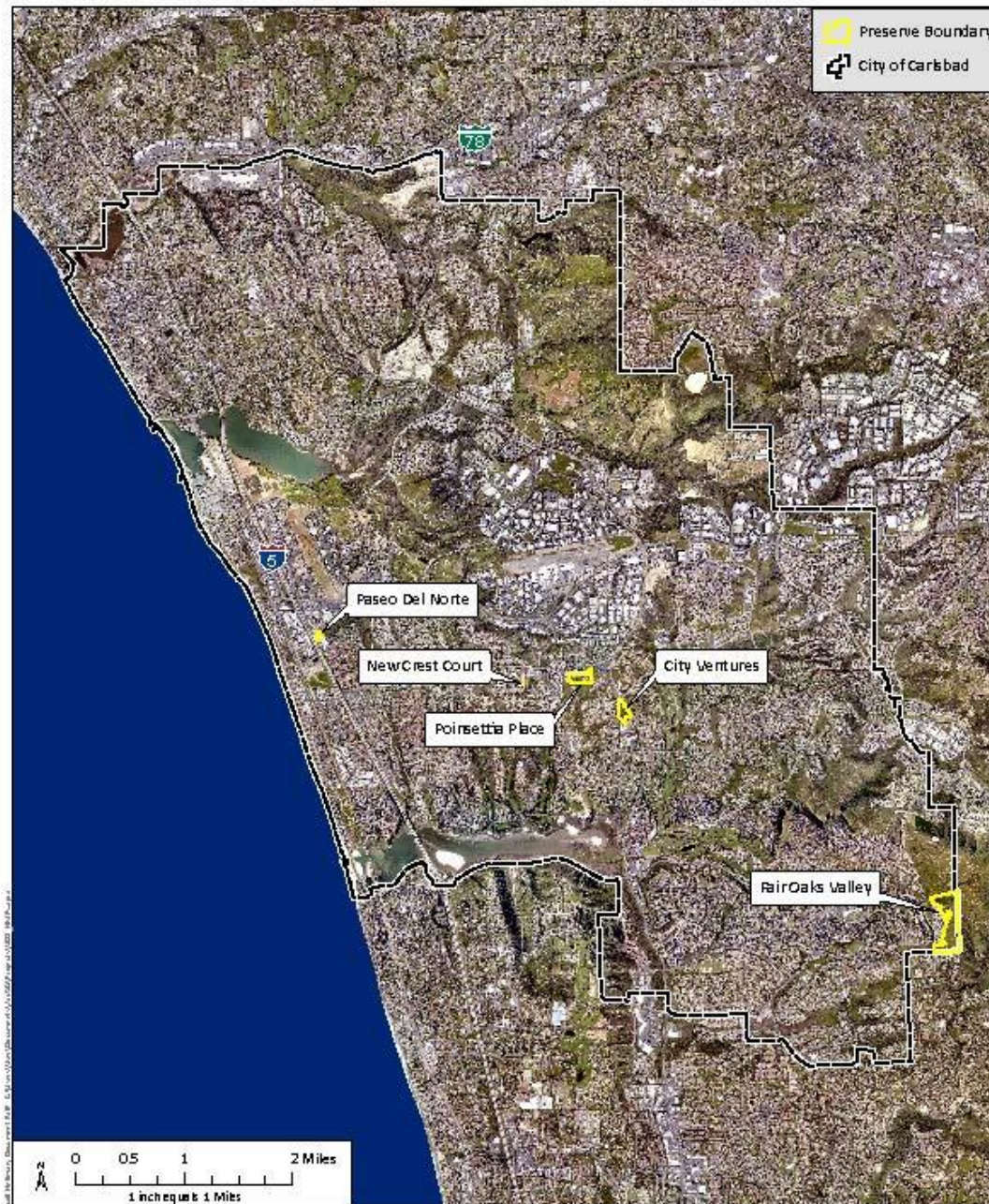
- Founded in 1989
- Nonprofit Organization that is a Local Conservation Corps Certified Annually by the State-run California Conservation Corps
- Charter School for young men and women (ages 18-26) to earn a high school diploma
- On-the-job training that assists with job placement, and career development



# Preserve Management

- Urban Corps Habitat Services Currently Manages 17 Preserves Totaling 356-acres within 7 Jurisdictions (County of San Diego, City of Carlsbad, City of Oceanside, City of Escondido, City of Imperial Beach, City of Santee, and City of San Marcos)
- 5 of the 17 Preserves are located in the City of Carlsbad
  - City Ventures Preserve (8.3-acres)
  - New Crest Preserve (0.04-acre)
  - Southern Preserve (55.2-acres)
  - Paseo Del Norte Preserve (1.4-acres)
  - Poinsettia Place Preserve (11.5-acres)





SOURCE: City of Carlsbad, SANDAG SANGIS

Habitat Management Plan: Preserves Map

**Preserves**

City of Carlsbad



# City Ventures Preserve

## Two Sensitive Wildlife Species Protected:

California Gnatcatcher (*Polioptila californica californica*)

Orange-throated Whiptail (*Aspidoscelis hyperythra*)

## Four Sensitive Plant Species Protected:

Del Mar Sand Aster (*Corethrogyne filaginifolia* var. *linifolia*)

Nuttall's Scrub Oak (*Quercus dumosa*)

Ashy Spike-Moss (*Selaginella cinerascens*)

Southwestern Spiny Rush (*Juncus acutus* ssp. *leopoldii*)

Del Mar Sand Aster –  
662 Individuals Counted in 2019





# City Ventures Preserve

Transect from South to North



Transect from North to South



The 8.3-acre City Ventures Preserve did not burn during the Poinsettia Fire on May 14, 2014, unlike many of the surrounding preserves. A five-year, post-fire monitoring protocol was established by the City of Carlsbad within different habitat types across multiple preserves following the fire in order to monitor the recovery of each habitat type. Since 2019 represented the last monitoring year, preserve managers with unburned habitat were asked to provide data per the protocol in order to compare the vegetation in the burned areas five years after the fire to similar vegetation in areas that did not burn. Data from the Southern Maritime Chaparral within the City Ventures Preserve was collected and provided to the City. The HMP Preserve Steward, Alanna Sullivan, will be presenting the results of the 5-year habitat recovery monitoring shortly.



# City Ventures Preserve

## 0.13-Acre Voluntary Habitat Restoration Area



**KEY**

- Preserve Boundaries
- Revegetation Area
- Lemonade Berry Shrub
- Prickly-Pear Cactus

**Diegan Coastal Sage Scrub Hydroseed Mix:**

<u>Latin Name</u>	<u>Common Name</u>	<u>Lbs./Acre</u>
<i>Artemisia californica</i>	California Sagebrush	15
<i>Eriogonum fasciculatum</i>	Flat-top Buckwheat	10
<i>Encelia californica</i>	California Encelia	6
<i>Mimulus aurantiacus</i>	Red Monkeyflower	4
<i>Acmispon glaber</i>	Deerweed	4
<i>Isocoma menziesii</i>	Coastal Goldenbush	3
<i>Eriophyllum confertiflorum</i>	Golden-Yarrow	3

**Diegan Coastal Sage Container Stock:**

<u>Latin Name</u>	<u>Common Name</u>	<u>Size</u>	<u>Number</u>
<i>Rhus integrifolia</i>	Lemonade Berry	1 Gallon	5
<i>Opuntia littoralis</i>	Prickly-Pear	1 Gallon	12

Scale: 1-inch = 40-feet



# City Ventures Preserve

## 0.13-Acre Voluntary Habitat Restoration



The 0.13-acre restoration area does not have any irrigation, but luckily, we have had good rain years in 2018 and 2019. The restoration area is checked during the periodic site visits for weeds and success of the hydroseeding and container planting efforts. Of the 12 Prickly-Pear Cacti planted in 2018, 10 of those 12 were doing well in 2019. Of the 5 Lemonade Berry planted in 2018, 3 of those 5 were still alive in 2019. Sprouts from the hydroseed included California Encelia and Coastal Goldenbush.



# New Crest Preserve

August 2016



April 2019



The 0.04-acre New Crest Preserve burned during the Poinsettia Fire in May 2014 but has since recovered.



One Sensitive Wildlife Species Protected:

Orange-throated Whiptail (*Aspidoscelis hyperythra*)

One Sensitive Plant Species Protected:

Wart-stemmed Ceanothus (*Ceanothus verrucosus*)



# New Crest Preserve

**\*\*Interesting Biological Monitoring Results\*\***

One Wart-stemmed Ceanothus was recorded within the preserve prior to the 2014 fire. Post-fire in 2019, there are sixteen Wart-stemmed Ceanothus near the location of the original one.





# Poinsettia Place Preserve

## Two Sensitive Wildlife Species Protected:

California Gnatcatcher (*Polioptila californica californica*)

Orange-throated Whiptail (*Aspidoscelis hyperythra*)

## Four Sensitive Plant Species Protected:

Summer Holly (*Comarostaphylis diversifolia* ssp. *diversifolia*)

Del Mar Manzanita (*Arctostaphylos glandulosa* ssp. *crassifolia* )

Nuttall's Scrub Oak (*Quercus dumosa*)

Wart-stemmed Ceanothus (*Ceanothus verrucosus*)

**\*\*Interesting Biological Monitoring Results in 2019\*\***

The Poinsettia Place Preserve burned in the May 2014 Poinsettia Fire. Prior to the fire, 11 Wart-stemmed Ceanothus were documented within the preserve. In 2019, 289 Wart-stemmed Ceanothus were flagged and counted within the preserve!





# Southern Preserve

## Three Sensitive Plant Species Protected:

San Diego Goldenstar (*Bloomeria clevelandii*)

California Adolphia (*Adolphia californica*)

Ashy Spike-Moss (*Selaginella cinerascens*)



## Four Sensitive Wildlife Species Protected:

California Gnatcatcher (*Poliioptila californica californica*)

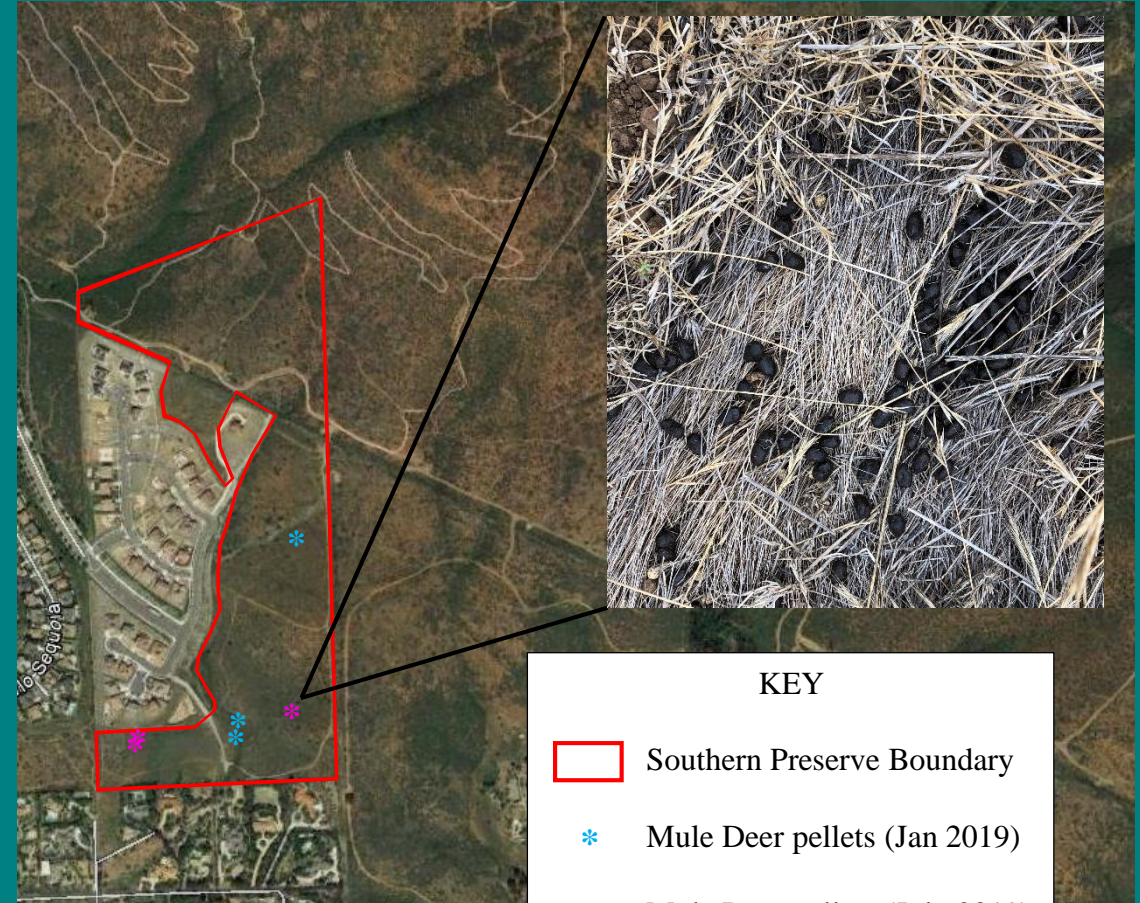
Grasshopper Sparrow (*Ammodramus savannarum*)

Rufous-crowned Sparrow (*Aimophila ruficeps* ssp. *canescens*)




Southern Mule Deer (*Odocoileus hemionus*)

## \*\* Interesting Biological Monitoring Results \*\*

Wildlife Movement Study Conducted in January, April, July and October 2019 – Mule Deer Movement Documented Through Southern End of Preserve in Winter and Summer



### KEY

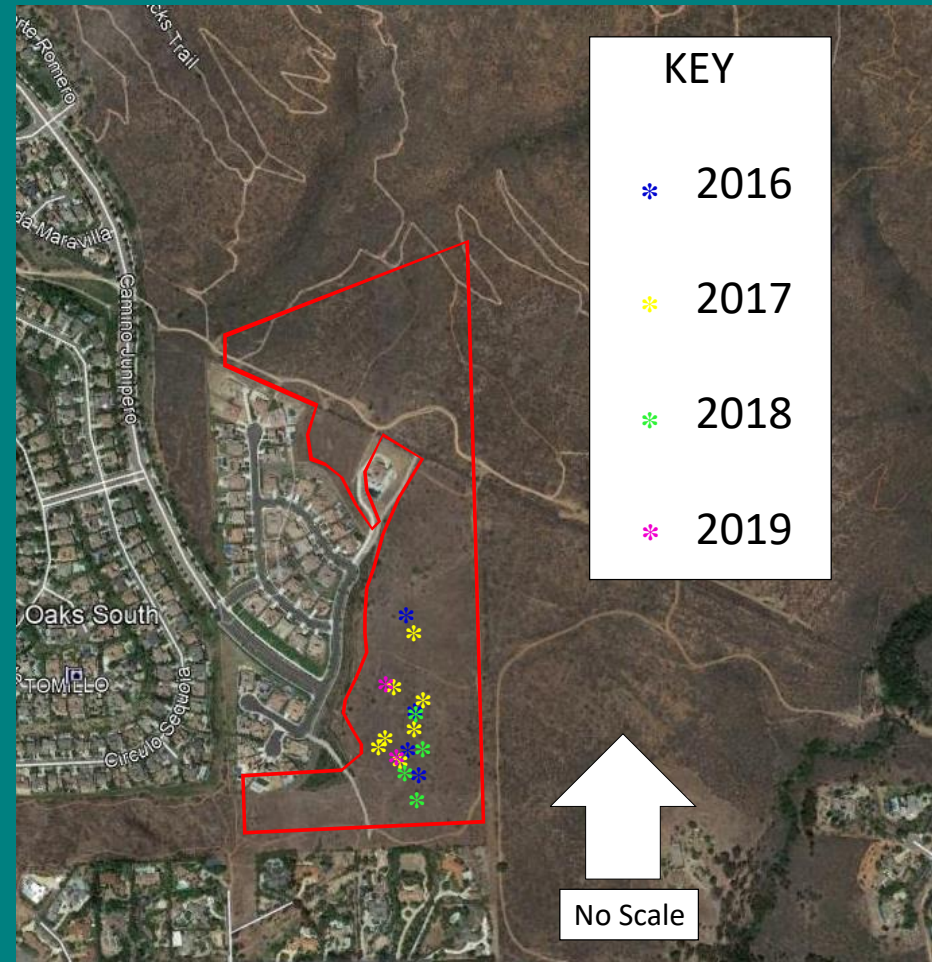
-  Southern Preserve Boundary
-  Mule Deer pellets (Jan 2019)
-  Mule Deer pellets (July 2019)

NOTE: The preserve was searched for Mule Deer sign in April and October 2019, but no fresh pellets were discovered.



# Grasshopper Sparrows Sightings at the Southern Preserve 2016-2019

The Grasshopper Sparrow is a small, ground-nesting bird found exclusively in grassland habitat. This species is considered a Species of Special Concern by the California Department of Fish and Wildlife. Grasshopper Sparrows have been seen and heard in the southeastern portion of the Southern Preserve for the last four years between the months of March and June (2016, 2017, 2018, and 2019).





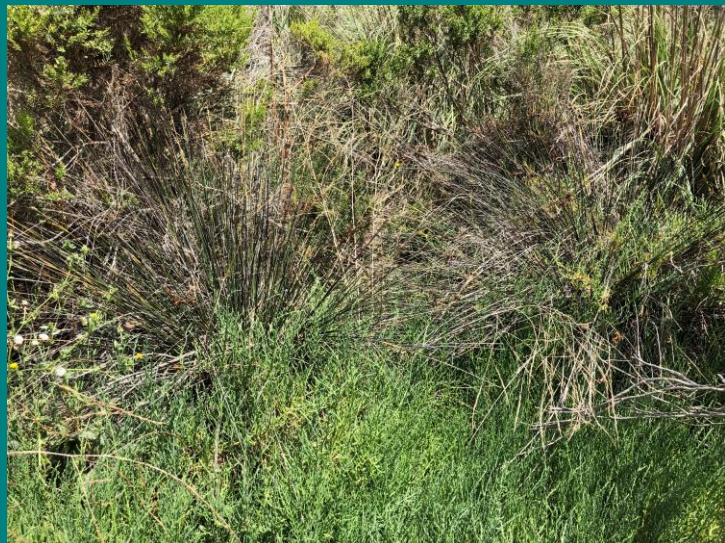
# Paseo Del Norte Preserve

Two Sensitive Plant Species Protected:

San Diego Marsh Elder (*Iva hayesiana*)



Southwestern Spiny Rush (*Juncus acutus* ssp. *leopoldii*)



The primary maintenance task required to protect the two sensitive plant species within the Paseo Del Norte Preserve is the removal of non-native plants, such as Iceplant (see photo below) and Pampas Grass.





# Corpsmembers in the Carlsbad Preserves

Hands-on learning about the species that live in the preserves . . . (suspected Rufous-crowned Sparrow nest)



Tackling Pampas Grass . . . and Artichoke Thistle





Thank you!

Contacts and For More Information:  
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