

Carlsbad Habitat Management Program Annual Public Meeting March 13, 2019

Urban Corps Habitat Services Presentation

By Gretchen Cummings, Biologist



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



Just a Sample of Urban Corps' Program Services . . .



Environmental Services (Preserve Management, Habitat Restoration, Trail Building, Non-native Plant Removal, Brow Ditch Maintenance, Debris Removal)



Community Improvement (Litter Abatement, Power Washing, Tree Trimming, Graffiti Removal, Community Clean-Ups, Construction of Public Facilities)



Urban Forestry (Landscaping Design and Installation, Tree Planting, Rooftop and Urban Garden Design and Installation)



Fire Fuel Reduction (Reduction and Prevention Services, Safety and Chainsaw Training, Removal of Dead Plant Material)



Recycling Services (Stadium Services, Collection Services, Event Services/Rentals, Buyback Center at Qualcomm)

Preserve Management

- Urban Corps Habitat Services Currently Manages 17 Preserves Totaling 361-acres within 6 Jurisdictions (County of San Diego, City of Carlsbad, City of Oceanside, 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

Three Sensitive Plant Species Protected:

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

Nuttall's Scrub Oak (*Quercus dumosa*)

Ashy Spike-Moss (*Selaginella cinerascens*)



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

The federally threatened California Gnatcatcher has been documented within the preserve every year since the onset of long-term management in 2013. In fact, during the 2017 breeding season, a pair of California Gnatcatchers successfully nested in the northern part of the preserve and fledged two young.

Two Sensitive Wildlife Species Protected:

California Gnatcatcher (*Polioptila californica californica*)

Orange-throated Whiptail (*Aspidoscelis hyperythra*)

One Sensitive Plant Species Protected:

Wart-stemmed Ceanothus (*Ceanothus verrucosus*)

One Sensitive Wildlife Species Protected:

Orange-throated Whiptail (*Aspidoscelis hyperythra*)

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

One Wart-stemmed Ceanothus was recorded within the preserve prior to the 2014 fire. Post-fire in 2018, there are now fourteen Wart-stemmed Ceanothus near the location of the original one.



New Crest Preserve



Preserve burned in May 2014 Poinsettia Fire prior to the onset of long-term management in January 2018 but has since recovered



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*)

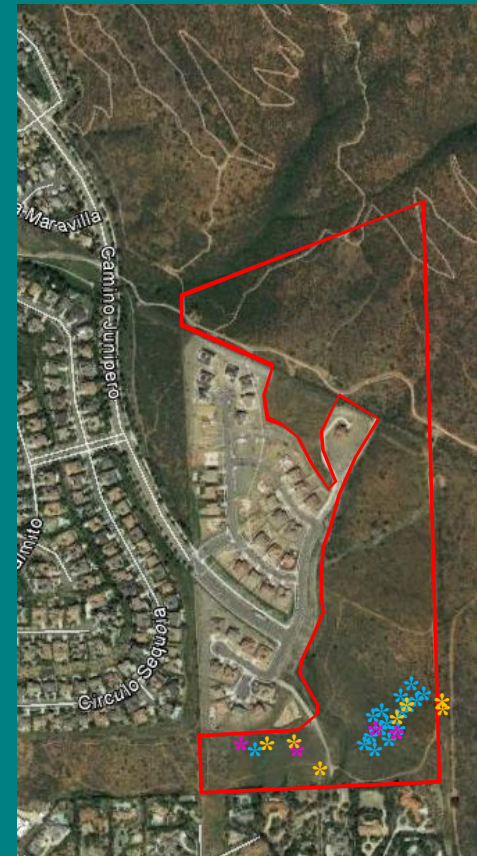
Grasshopper Sparrow (*Ammodramus savannarum*)

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

Southern Mule Deer (*Odocoileus hemionus*)

** Interesting Biological Monitoring Results**

Wildlife Movement Study 2017/2018 – Mule Deer Movement Through Southern End of Preserve in the Spring, Fall and Winter



KEY

- Southern Preserve Boundary
- Mule Deer pellets (Nov 2017)
- Mule Deer pellets/tracks (Feb 2018)
- Mule Deer pellets (Oct 2018)



Paseo Del Norte Preserve

Two Sensitive Plant Species Protected:

San Diego Marsh Elder (*Iva hayesiana*)



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



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 and Pampas Grass.



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*)

Wart-stemmed Ceanothus in bloom in January 2019



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

The Poinsettia Place Preserve burned in the May 2014 Poinsettia Fire. Post-fire Monitoring has been conducted for the last four years (2015-2018) in the preserve. Two transects were established within the recovering Southern Maritime Chaparral to document the recovery of the habitat after this devastating fire. Prior to the fire, eleven Wart-stemmed Ceanothus were documented within the preserve. As of last year's post-fire monitoring results, seventy-seven Wart-stemmed Ceanothus were documented just along the transects!



Corpsmembers in the Carlsbad Preserves

Hands-on learning about the species that live in the preserves



Listening to instructions . . .



Removing Iceplant, very carefully . . .



Removing Myoporum ground cover . . .



Tackling Pampas Grass . . .



Thank you!

Contacts and For More Information:
Urban Corps of San Diego County
(619)235-6884

www.urbancorpsd.org

Ty Sterns

tsterns@urbancorps.org

Gretchen Cummings

gcummings@urbancorps.org