



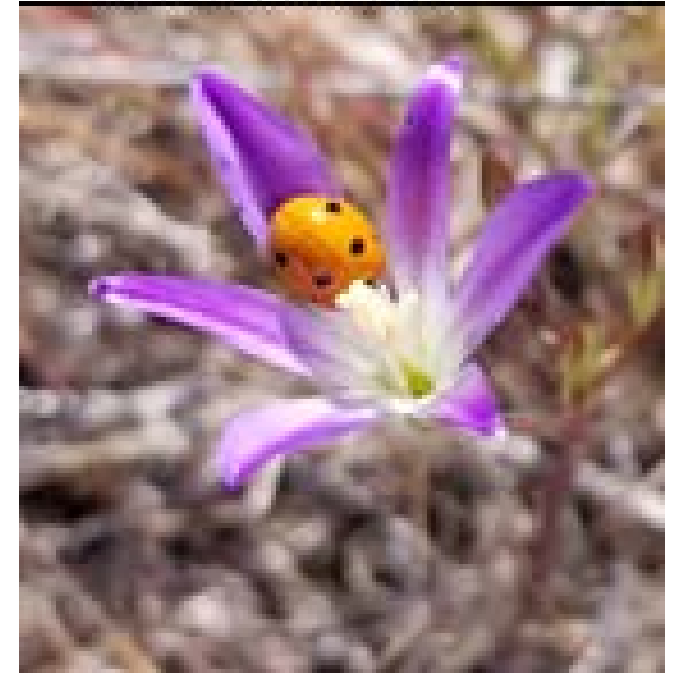
# Multiple Species Conservation Program 2018 – Year 21

MSCP Annual Workshop  
October 9, 2019  
Holly Smit-Kicklighter  
[HSmit@sandiego.gov](mailto:HSmit@sandiego.gov)

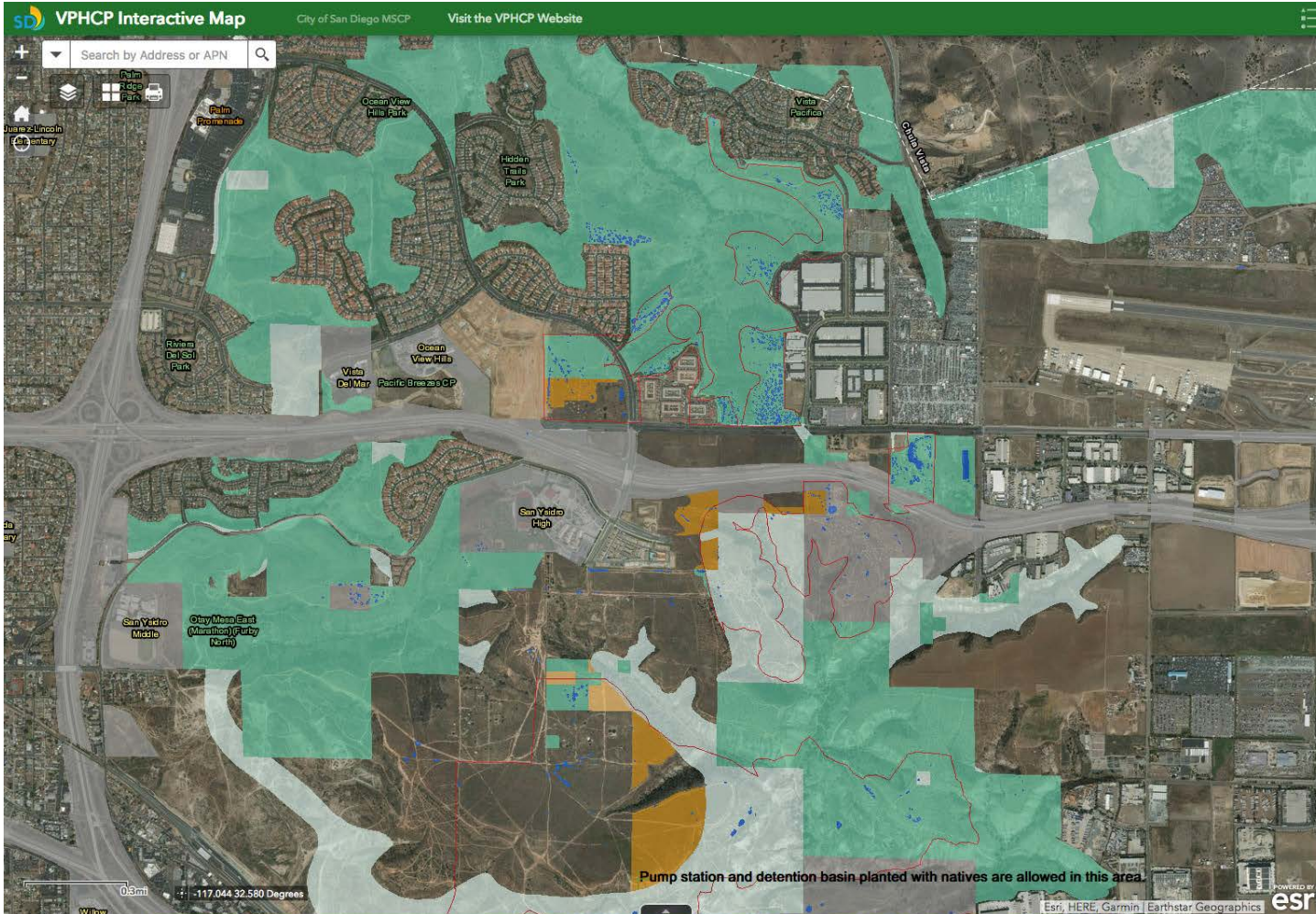
# ABOUT THE MSCP

- MSCP SAP covers the entire 206K ac City
- MHPA is 57,000 acres of the City
- MSCP Final Preserve =90% of MHPA,  
or 52,727 acres by the year 2037

Orcutt's brodiaea



# Vernal Pool Habitat Conservation Plan



- Otay Mesa mint
- San Diego mesa mint
- Spreading navarretia
- San Diego button-celery
- California Orcutt's grass
- Riverside fairy shrimp
- San Diego fairy shrimp

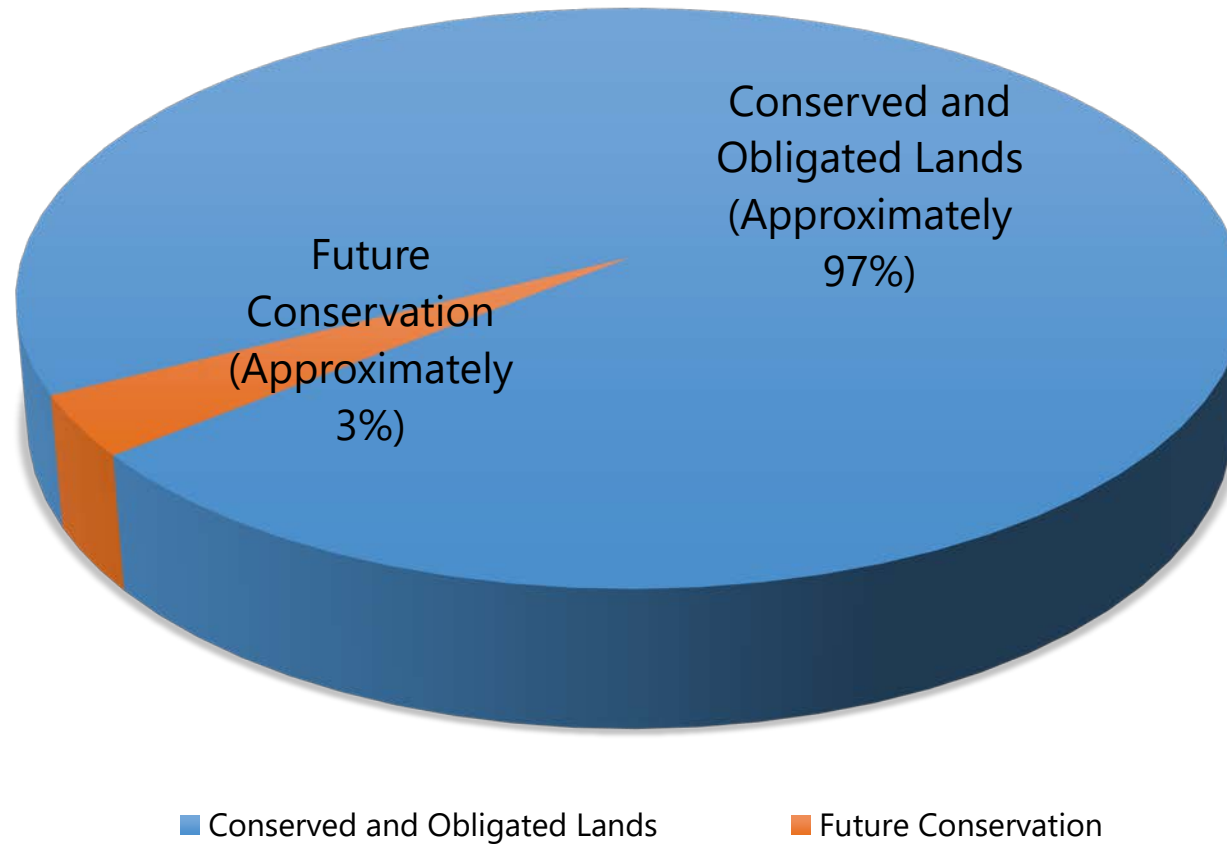
## Baseline Conservation

- 100% conserved
- 75% conserved

## VPHCP area (new MHPA)

- 100% conserved
- 75% conserved

# MSCP 2018 STATUS



# 2018 Project Loss/Gain

- Habitat Loss of 50.93 acres
  - 1.12 acres inside the MHPA
  - 49.82 acres outside the MHPA
- Habitat Gain of 29.34 acres
  - 11.31 acres inside the MHPA
  - 18.02 acres outside the MHPA



# 2018 Acquisitions

- Proposition I – Groundwater Protection
  - \$980K used for 37 acres in El Monte Valley
  - Lands are in County but headwaters for SD River
- \$67,036 paid into Habitat Acquisition Fund in 2018
- HAF Balance = \$620,728

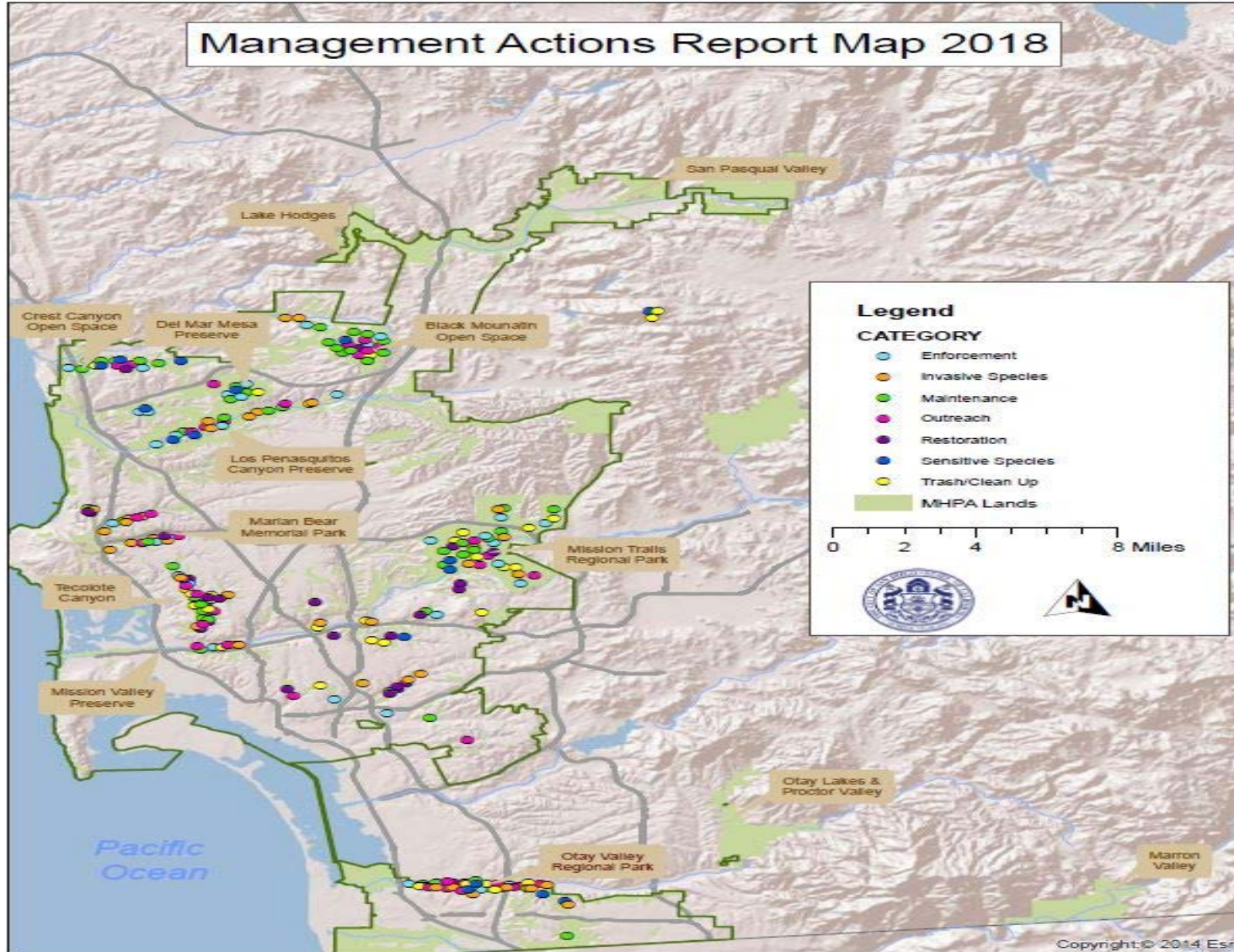


# MSCP MANAGEMENT REPORT



Short leaved dudleya







# Management Actions: At-A-Glance

## Education

- 83,200 people at MTRP & Tecolote Nature Centers
- Participated in Ranger-led walks and hikes.
- 5,000 students)
- 16 schools (Pre K-College)



Children attached their colorful pictures of native plants and animals to where they thought they would live.

# Management Actions: At-A-Glance

## Enforcement and Cleanups

- Over 1,900 volunteers dedicated over 10,000 hours.
- About 80,000 pounds of trash & debris removed.
- Park Rangers, SDPD, ESD, & Quality of Life teams helped clean encampments.



Volunteers help remove large amounts of trash from an urban creek bed.

# Management Highlights



- Provided access for researchers from the San Diego Zoo and the San Diego Natural History Museum to conduct a ringtail cat study at Mount Woodson—*March*



## Ringtail Cat Study, SDNHM, SD Zoo

A ringtail cat photographed at Mount Woodson using remote cameras installed by the San Diego Zoo Institute for Conservation Research.

# Management Highlights

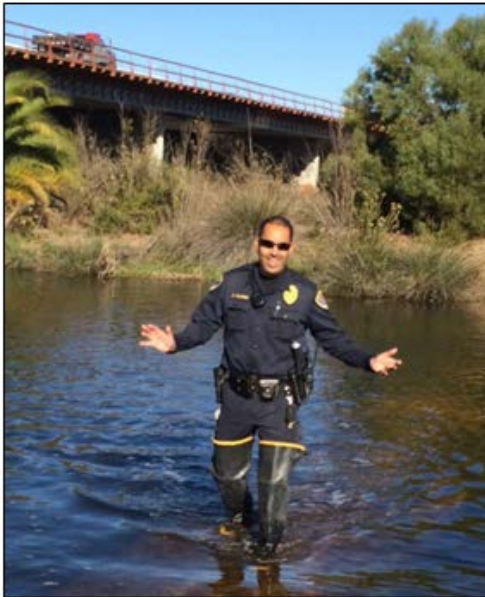


Coast wallflower is an MSCP covered rare plant species that grows in Crest Canyon and Gonzales Canyon.



Wildlife cameras were installed at the Black Mountain Road underpass to monitor mountain lion activity after tracks were observed in August. No mountain lions were photographed but the cameras did capture several other species using the underpass.

# THANKS to Our MSCP Partners!



San Diego Police Officers worked with Rangers to patrol canyons, which sometimes required wading across the San Diego River.

## Management Actions Related to MSCP and VPHCP Covered Species

- Biologists and Management Interns conducted cactus wren surveys in Navajo Canyon and Chollas Radio Canyon—*April*
- The City was awarded a SANDAG grant to restore cactus wren habitat in degraded areas of Navajo Canyon and Chollas Radio Canyon—*July*
- Removed 2 full 45 gallon trash bags of 40 oz. beer bottles, broken glass, and miscellaneous trash surrounding vernal pool site—*November*



A cactus wren perched atop a prickly pair cactus in Navajo Canyon.



A cactus wren nest found in a coast cholla cactus in Chollas Radio Canyon.

# Kudos to our MSCCP Partners!



A monarch caterpillar feasts on a narrowleaf milkweed plant that was planted by Adventure Passport youth volunteers near the Rancho Drive trailhead.



Weed Warriors volunteers meet every 3rd Saturday.

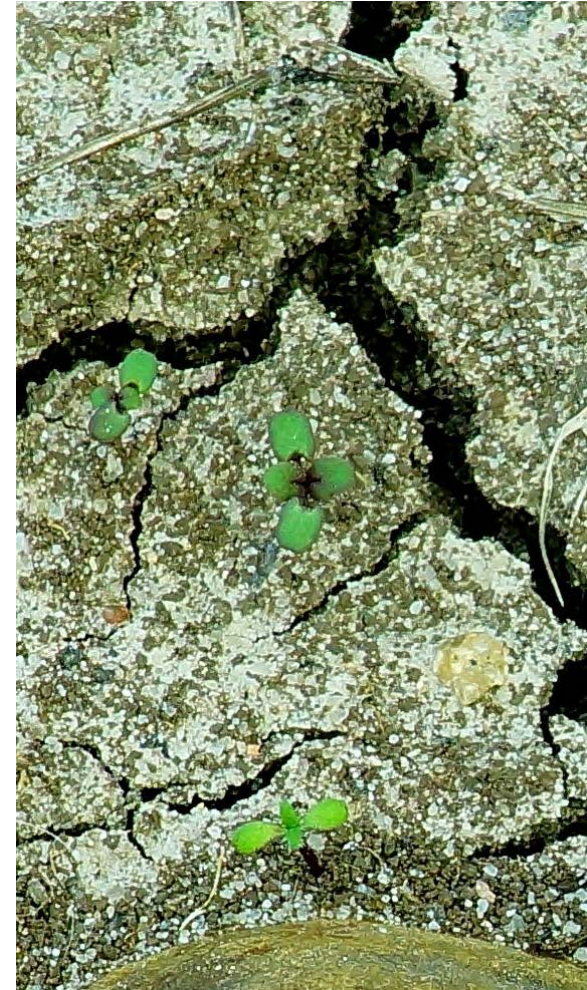
# Time and Talent is Welcome



A volunteer poses with a variety of nest boxes built and decorated by volunteers. These nest boxes have been installed throughout OVRP.

# San Diego Thornmint Restoration- MTRP

- *Acanthamintha illicifolia*





# San Diego Thornmint Occurrences

Dennerly Canyon

Los Peñasquitos Preserve

Lusardi Open Space

Otay Lakes

Mission Trails Regional Park

Sabre Springs Open Space



Photo credit: Sara Allen,  
City of San Diego



Photo credit: RECON Environmental Inc.

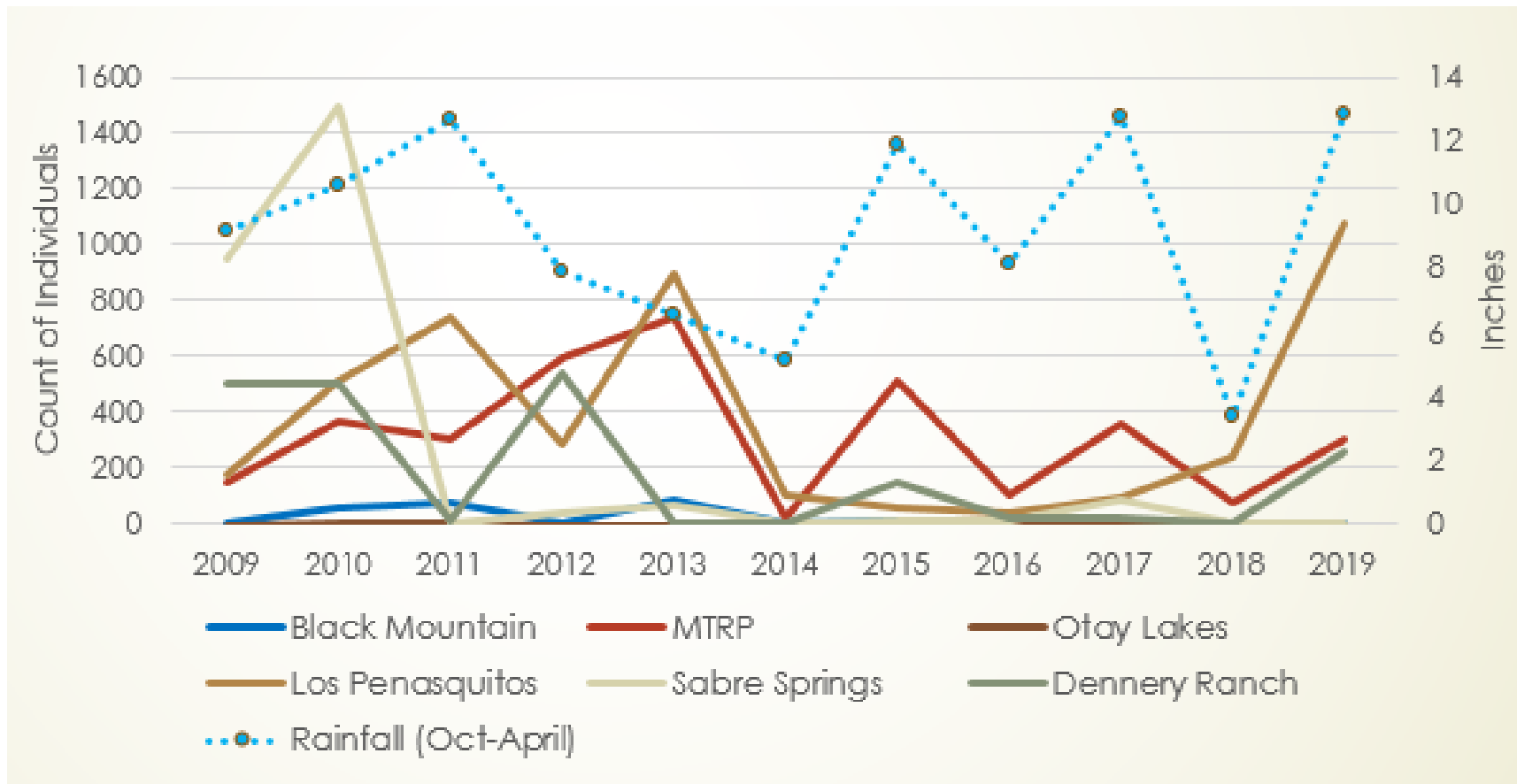


Photo credit: RECON Environmental Inc.



Photo credit: RECON Environmental Inc.

# City of San Diego ACIL Populations 2009-2019



# Results – April 2019

- 251 Plants in area that was not seeded
- 49 Plants in the two seeded areas
- Cover in Sampling Plot:
  - Nonnative species cover = 2%
  - Native species cover = 43%  
(mostly *Deinandra fasciculata*)
  - Bare ground = 54%
  - Rock/Cryptogamic/Litter <2%



*Acanthomintha ilicifolia*  
Mission Trails Regional Park



# SAN DIEGO CHECK OUT NATURE BACKPACK PROGRAM



The San Diego Check Out Nature Backpack Program is coming to a library near you! Check out a nature backpack just like you would check out a library book. Backpacks include simple materials to get you started on an outdoor adventure. [www.sandiego.gov/public-library/check-out-nature](http://www.sandiego.gov/public-library/check-out-nature)



## Participating locations:

[Carmel Valley Library](#)

[Linda Vista Library](#)

[Logan Heights Library](#)

[North Park Library](#)

[Rancho Peñasquitos Library](#)

[San Carlos Library](#)

[San Ysidro Library](#)



# FIN



A red-diamond rattlesnake eating a brush rabbit at Cowles Mountain in Mission Trails Regional [Park](#).

# Questions

