



Environmental Career Shadowing with OC Habitats



Sophie G

Upper Newport Salt Marsh Rehabilitation

What did I do?

- Identified the difference between native and invasive plants
- Using that knowledge, pulled the invasive Algerian Sea Lavender in order to help restore the salt marsh and keep the native plants in a habitat that they can thrive in



What did I learn?

- I learned how to identify some of the invasive species in Upper Newport
- I learned a lot about the environment and how these rehabilitations are caused and sponsored
- As well as some bonus knowledge on some birds and other animals that inhabit the area



Tucker Wildlife Sanctuary

What did I do?

- I monitored the many bird boxes at the Tucker Wildlife Sanctuary along side Tiffany and Michelle
 - Recorded data and activity coming from the specified bird boxes in order to determine which ones can be taken down and which were good to leave in the Sanctuary

What did I learn?

- I learned how to monitor and use a specific data table to collect the activity of the birds
- I also learned a lot of new bird terms
- Along with learning how to use my binoculars and using them to identify the characteristics of birds





Tucker Wildlife Sanctuary - Data Sheet

Name: Sophie Graham Start time: 9:04 AM Temperature: 76.4°
 Date: 7-9-22 End time: _____ % Cloud cover: 0

Observation #	Box #	Time	Species	# Individuals	Marked/Unmarked	Behavior	Notes
1	8	9:14	N/A				
2	8	9:19	N/A				
3	DB	9:22	N/A				
4	10	9:22	N/A				
5	32	9:46	N/A				
6	7	9:50	N/A				
7	11	9:50	N/A				
8	6	9:46	HOUSE WREN	1	U	LE UB NV	2-3 chicks heard
9	6	9:48					
10	6	9:50					
11	6	9:51					
12	6	9:53					
13	6	9:54					
14	6	9:58					
15	6	10:01	N/A				
16	1	10:03	N/A				
17	1	10:03	N/A				
18	1	10:03	N/A				
19	15	10:22	N/A				
20	19	10:22	N/A				
21	20	10:24	N/A				
22	11	10:35	N/A				
23	17	10:35	N/A				
24	18	10:35	N/A				

Behavior codes:
 BV = Saw out of box & remained in view
 NV = Saw out of box & did not remain in view
 PV = Saw through top / PV = Not marked/age
 AP = attached a predator or another bird

EW = entered nest box
 LB = landed on roof
 LE = landed on entrance but did not enter
 UV = hung around vicinity of box (within 2-3 ft)

CF = carried food
 CN = carried nesting material
 EB = empty beak
 UB = in unmarked / carried object



Santiago Oaks Canyon Citizen Science Journey

What did I do?

- Shadowed the OC Habitat staff as they lead the Cadettes on a nature hike through Santiago Oaks
- Collected observations of the habitat around us and uploaded them through the i-naturalist app

What did I learn?

- Learned about the habitats and species that reside within Santiago Oaks
- I got to learn leadership skills and how to work with younger kids while shadowing the OC Habitat's volunteers






Athleta Community Outreach Event



What did I do?

- Shadowed the OC Habitat staff as they interacted and informed the community about their projects and how everyone can help the community


What did I learn?

- I learned even more leadership skills and how to properly interact and get information out to the community
 - Also furthered my knowledge about topics such as keep environments
- 



Conclusion and What's Next?

In conclusion I learned so much through my shadowing program and it made me feel passionate about a lot of different environmental topics. The bird box sanctuary especially stuck with me and inspired my take action project for my journey. I am going to use my community and resources to raise awareness on the Lights Out project, which I learned about from Mrs. Stacey. We live in an area with lots of trails and birds, but also lots of lights. The Lights Out project is a national effort to turn off excess lights at night to help provide migrating birds a safe passage between their nesting and winter grounds! I am going to spread awareness throughout my community through painting kindness rocks with my message on them (as we have a lot of trails with kindness gardens) and laminated flyers with a QR code that would lead them to the Light's Out project!



**Thank you Mrs. Stacey
and all of the OC
Habitats staff, interns,
and volunteers**

