

River Warrior Volunteer Program

SAN ANTONIO RIVER **FOUND.**



SAN ANTONIO
RIVER AUTHORITY



Dedicated River Warrior Volunteers

Committed to Safe, Clean, Enjoyable Creeks and Rivers.



Diverse and Unique Volunteer Opportunities

Monthly litter clean-ups (land and water)
Earth Week trash challenge
Invasive apple snail removal training and data capture
Texas Stream Team water quality monitoring(citizen science)
Beaver dam building pilot project
Paddling crew
iNaturalist citizen science
Ecosystem restoration, native plants/ ecology
Docent training/team, public outreach



Established Volunteer Initiatives

- Apple snail removal
- Texas Stream Team water quality monitoring
- Beaver dam building
- Monthly riverside litter clean-ups
- iNaturalist citizen science



Apple Snail River Warriors at Work



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River Warrior Apple Snail Removal Statistics

- 3 virtual trainings
- 115 volunteers trained
- 28.2% removal by Warriors



Texas Stream Team (TST) Citizen Scientists

TST Monitoring Sites Map



- 22 River Warrior TST volunteers
- 22 TST active monitoring sites
- State coordinator is impressed with local Warrior volunteer effort



What is TST?

- Certified Citizen Scientists collect water quality data at sites across the watershed
- Data is compiled in a report to analyze trends.
- Reports are reviewed & approved by Texas Commission of Environmental Quality (TCEQ)
- Data is available to TCEQ & River Authority Scientists



Texas Stream Team Meet and Greet



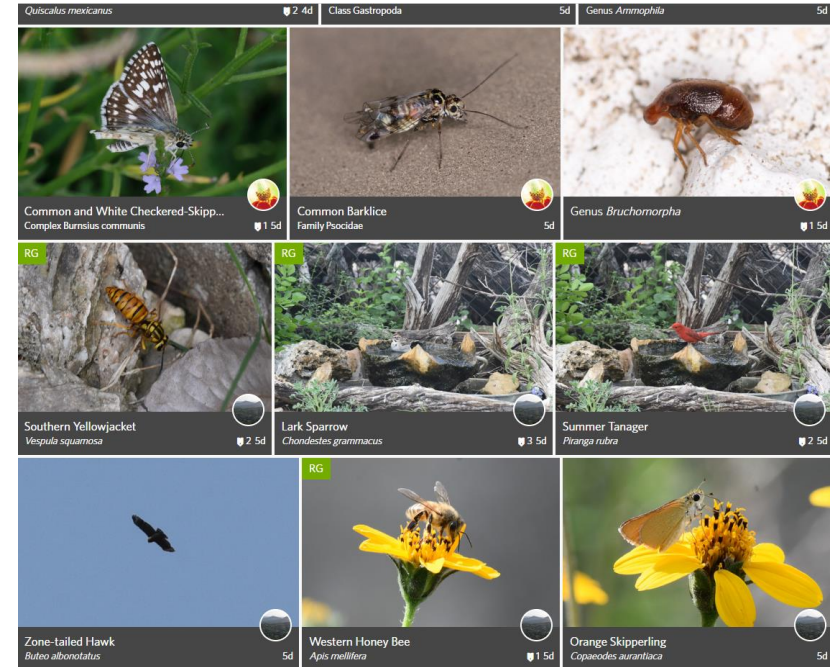
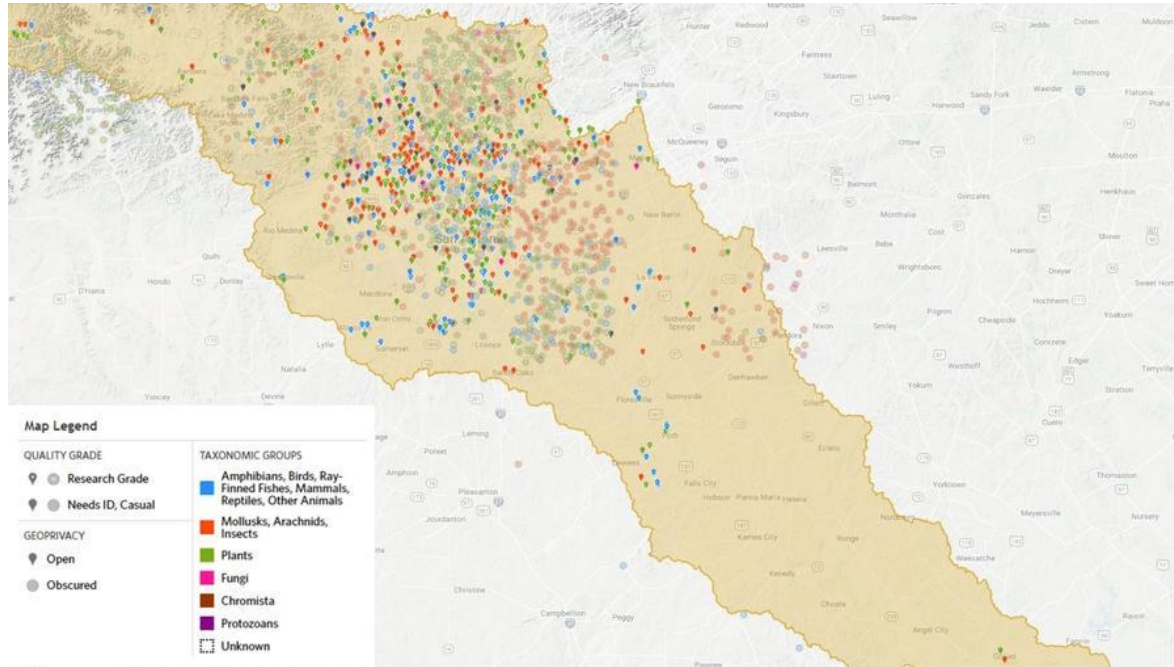
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Beaver Dam Building Project



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iNaturalist citizen science observations in the San Antonio River Watershed CNC, 2022. CNC, 2023 : April 28- May 1



New Volunteer Initiatives

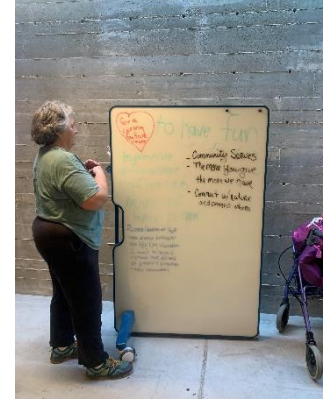
- Paddling crew
- Docent program
- Plogging
- Earth Day trash challenge
- Volunteer Appreciation Mixer



River Warrior Paddling Crew



Docent Program



Plogging on National CleanUp Day, 2022



PLOGGING

RUNNING + PICKING UP LITTER

SEPT 17

*Join running groups
around the city on
National CleanUp
Day for this litter
pick up event!*



TAKE IT &
RUN WITH IT



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Corporate Volunteers at Work



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Be River Proud Earth Week Litterati Challenge, 2022

- 15 local corporations, universities and non-profits
- 9,813 litter observations
- trash trophy



New Initiatives for 2023

- Southern Basin Parks Spring 2023 Nature Walks Series
- SAFE volunteer education
- Educational trip to the coast/ beach clean-up (NEW)



Volunteer Impact Metrics

Dec '21- to date

9 blogs

2080
participating
volunteers

11 skill-
building
trainings

17 vol edu
sessions



Volunteer Impact Data Dec 2021-22 (to date)

Item	Impact
16 riverside trash clean-ups	approx. 13,200 lbs trash picked up since Dec 2021 and 29,194 Litterati observations made
11 virtual trainings	apple snail removal, beaver dam building, iNaturalist citizen science, Texas Stream Team water quality monitoring, etc.
4 iNaturalist events conducted	12,341 wildlife/plant observations made
17 virtual volunteer-focused group education events	empowerment to take personal action for healthy creeks and rivers



Volunteer Impact Data Dec 2021-22 (to date)

Item	Impact
10 beaver dam building workdays	52 dams built
94 apple snail removal outings	2493 egg-cases and 2510 snails removed
22 water quality monitoring citizen scientists	157 monitoring events at 22 active sites from start of monitoring
9 docents	act as volunteer ambassadors and offer staff support at events



Upcoming Opportunities

- Mar. 23 : iNaturalist hybrid training at Confluence Park**
- Mar. 25 : Walking on the Wild side with Nature Spring
2023 Series- Branch River Park in Goliad County**
- Apr. 4 : Hybrid apple snail removal training at
Confluence Park**
- Apr. 15-23 : Earth Week Trash Challenge**
- Apr. 28- May 1 : City Nature Challenge, 2023**



Building Community Through Volunteerism



Committed to Safe, Clean, Enjoyable Creeks and Rivers.

Contact Us

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Questions?



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