

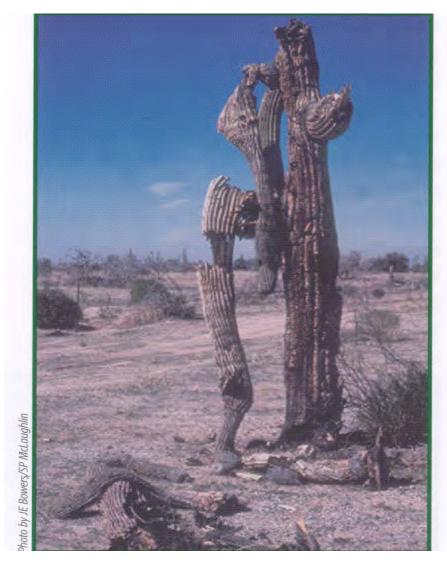
Presented By: Joe Frannea A Longtime "Cactus Rescue Crew" Volunteer



Over 1,400 TCSS Members Largest Cactus & Succulent Society

So... What Does Our "Cactus Rescue Crew" Do?

No, Not This!



Fire...

Non Native Grasses & Plants

Maintain a 30 Ft.

Fire Zone
Around Buildings

"Use Succulents"

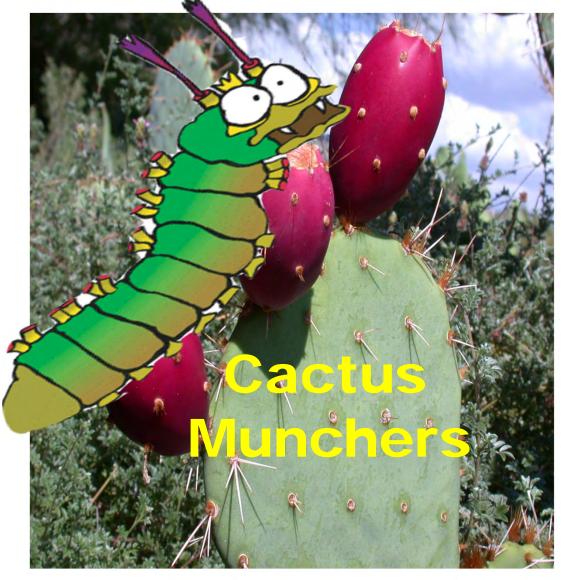
Several Local Groups Remove Invasive Grasses Every Weekend



Cactus Rustlers...

Two Cactus Cops in all of Arizona Fines Up to \$250 per Native Plant Micro-chipping some Saguaros Theft is a big problem world wide

No, Not This!



Cactoblastis

No, Not This!



Adult Cactus Moth



Eggs on Spine



Larvae







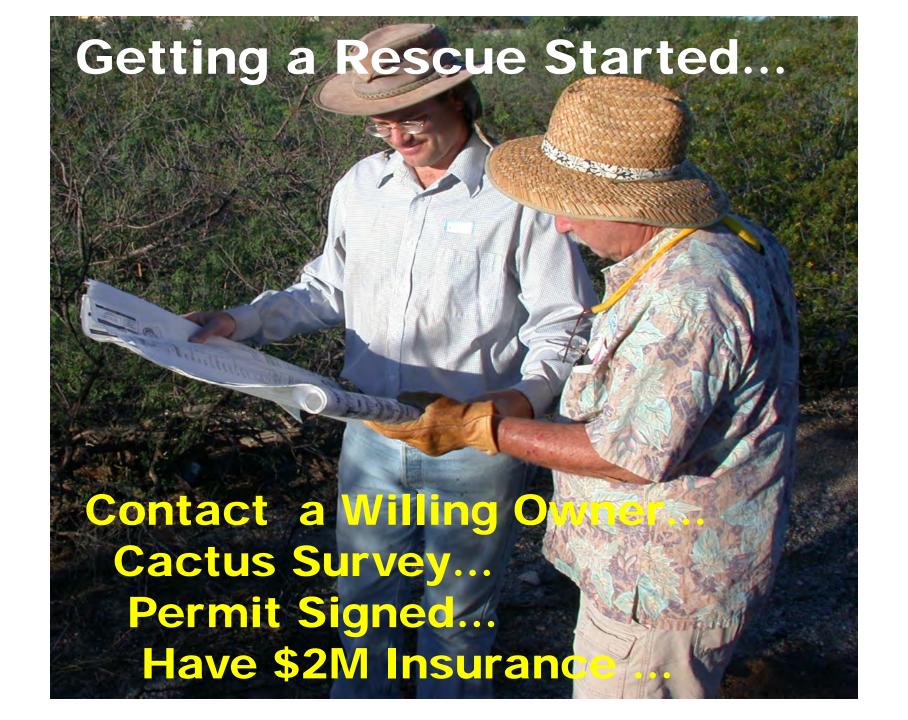
A Small Development Site Holding Area















Cactus Rescue Crew Saving that 100,000 Cactus - Oct 2019

Before Each Rescue:

- ✓ Sign In (Liability Release)
- ✓ Safety Instructions (No Accidents)
- ✓ Digging Boundaries Reviewed (No Mistakes!)

About 150 TCSS Members Participate Each Year Contributed over 38,000 Volunteer Hours to date (since '99)



Busy bringing in plants and getting them tagged - Silver Bell Mine







Why Save Cholla? Simple...







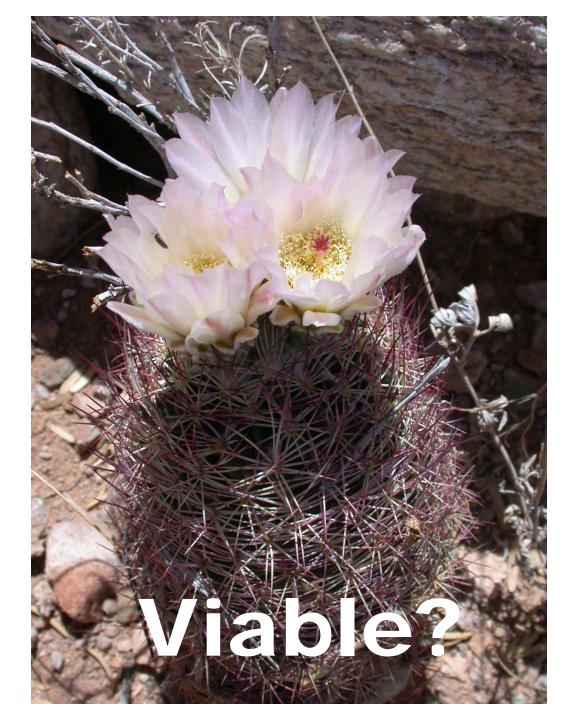






"It's All About the Bloom"





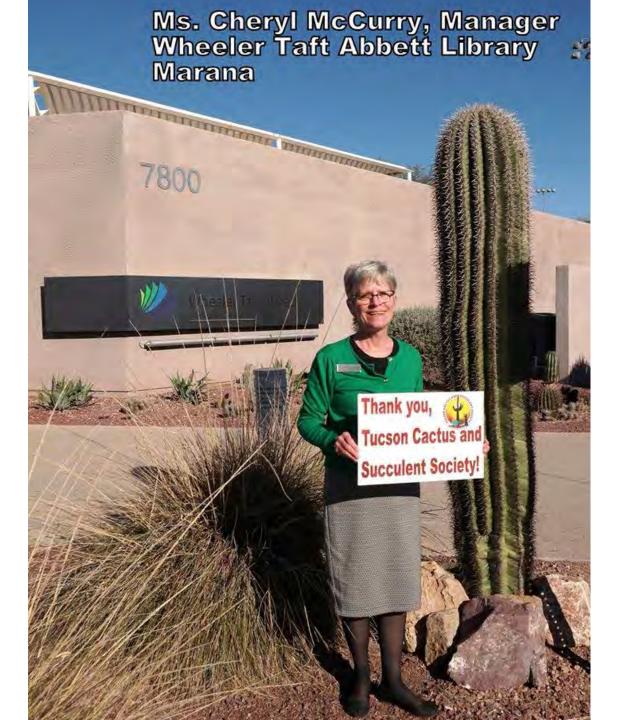






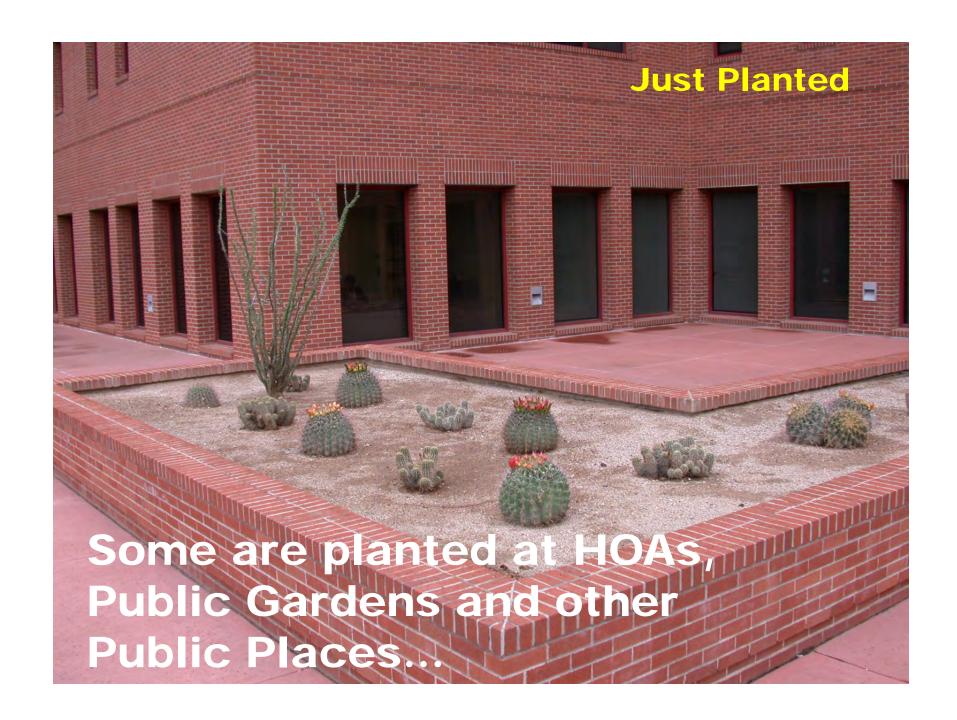








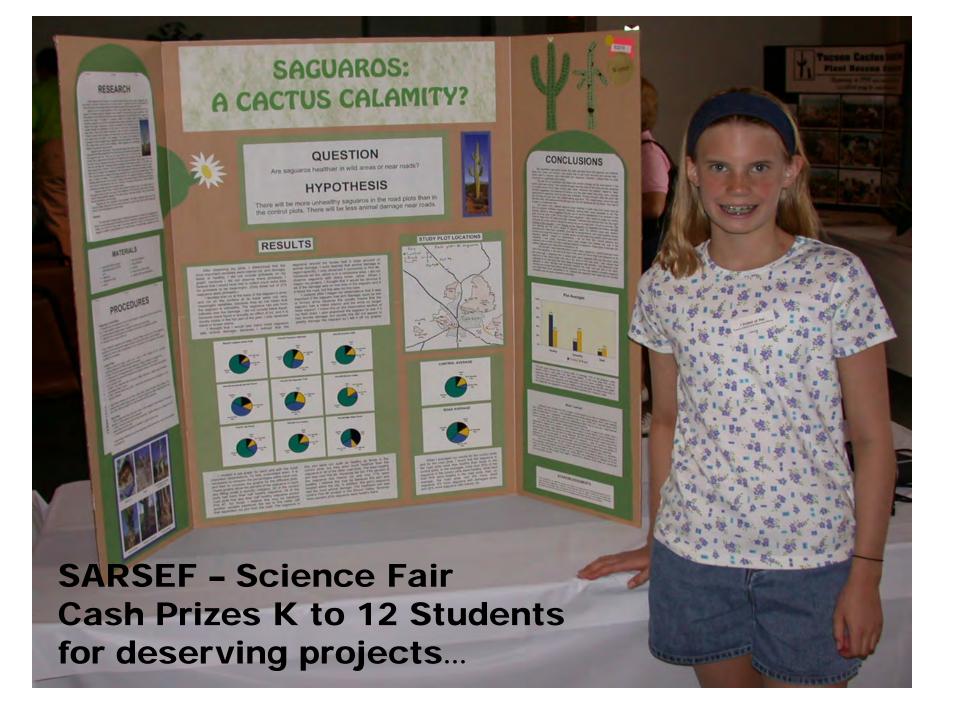
Most Rescued Cacti are Sold at Public Sales, about 3 per year...











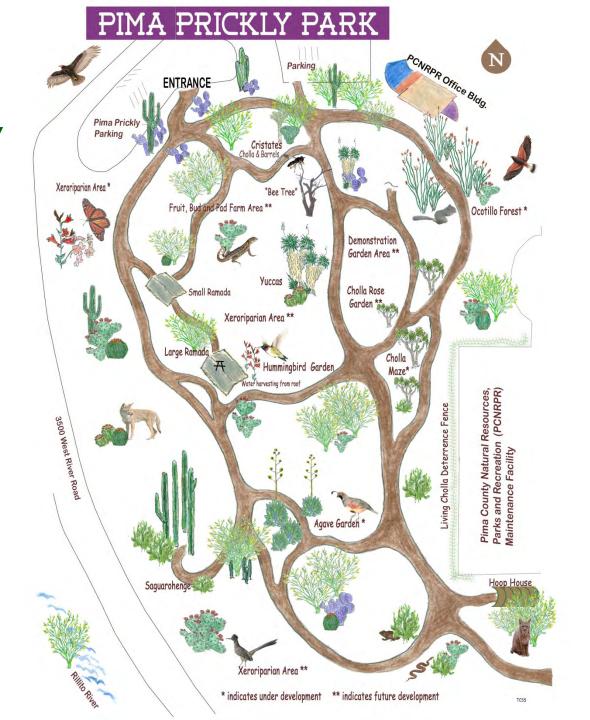


Carrillo School Docents building the LaPilita Museum Cactus Garden

"Special Cacti"
Often go to our
7 Acre
Pima Prickly Park
3500 W. River Road

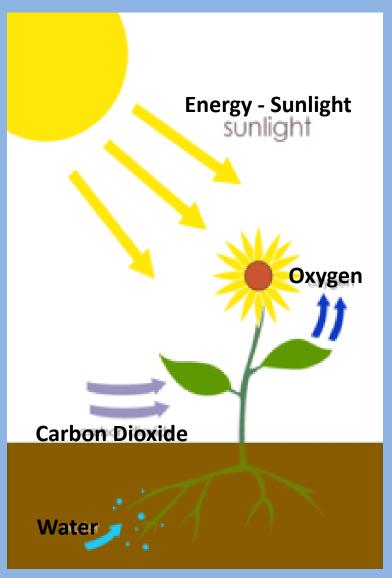
And

Others often go to gardens or landscapes such as Mission Gardens Krutch Garden UofA Public Buildings Cemeteries Libraries Schools



Very Interesting and Unique...

CAM - Photosynthesis



Crassulacean Acid Metabolism

Used by Almost All Cactus and Many Succulents

- > Stomata (pores) Closed All Day
- > Takes in Carbon Dioxide at Night
- Stores as Malic Acid
- Daytime Photosynthesis releasing Oxygen

Evolved for Arid Conditions
Greatly Reduces Water
Evaporation - up to 66%

This Is Only Possible Due To Over 110 Partners Including...

- > Developers
- >Utility Companies
- >School Districts
- > Municipalities
- > Government Agencies
- >Landscape Architects
- > Planners
- > Nurseries
- > Landscapers
- **Businesses**
- >Homeowners

"Tucsonans Really Do Care About Their Desert"



Tucson Cactus & Succulent Society www.TucsonCactus.org

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