

The ABC'S of Succulents



What is a Cactus?
What is a Succulent?
What's the Difference?

These are all
Succulent Plants



What is a Succulent?

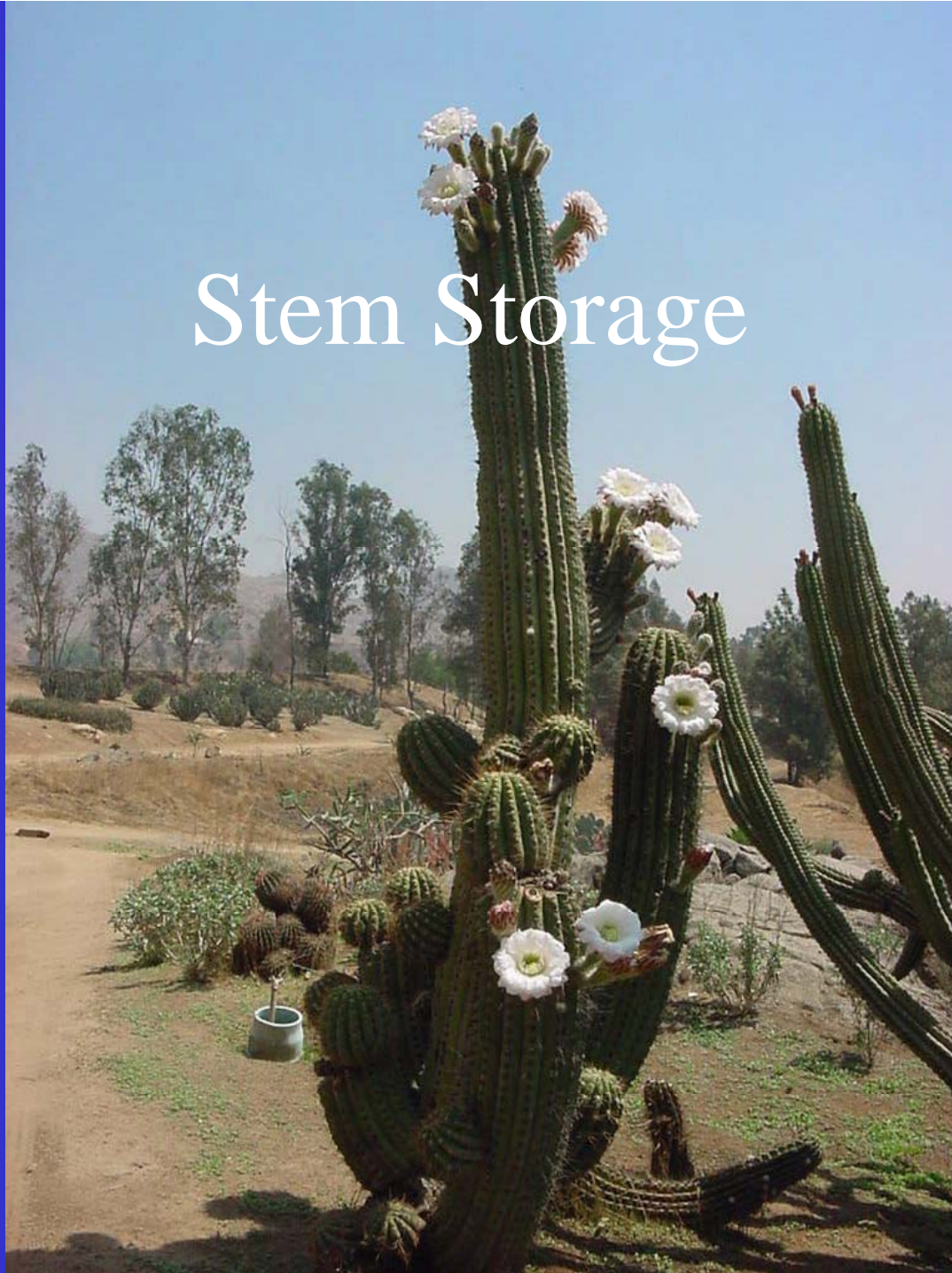
They have the ability to
Store Water in times of drought

Some use Crassulacean Acid
Metabolism “CAM” to survive

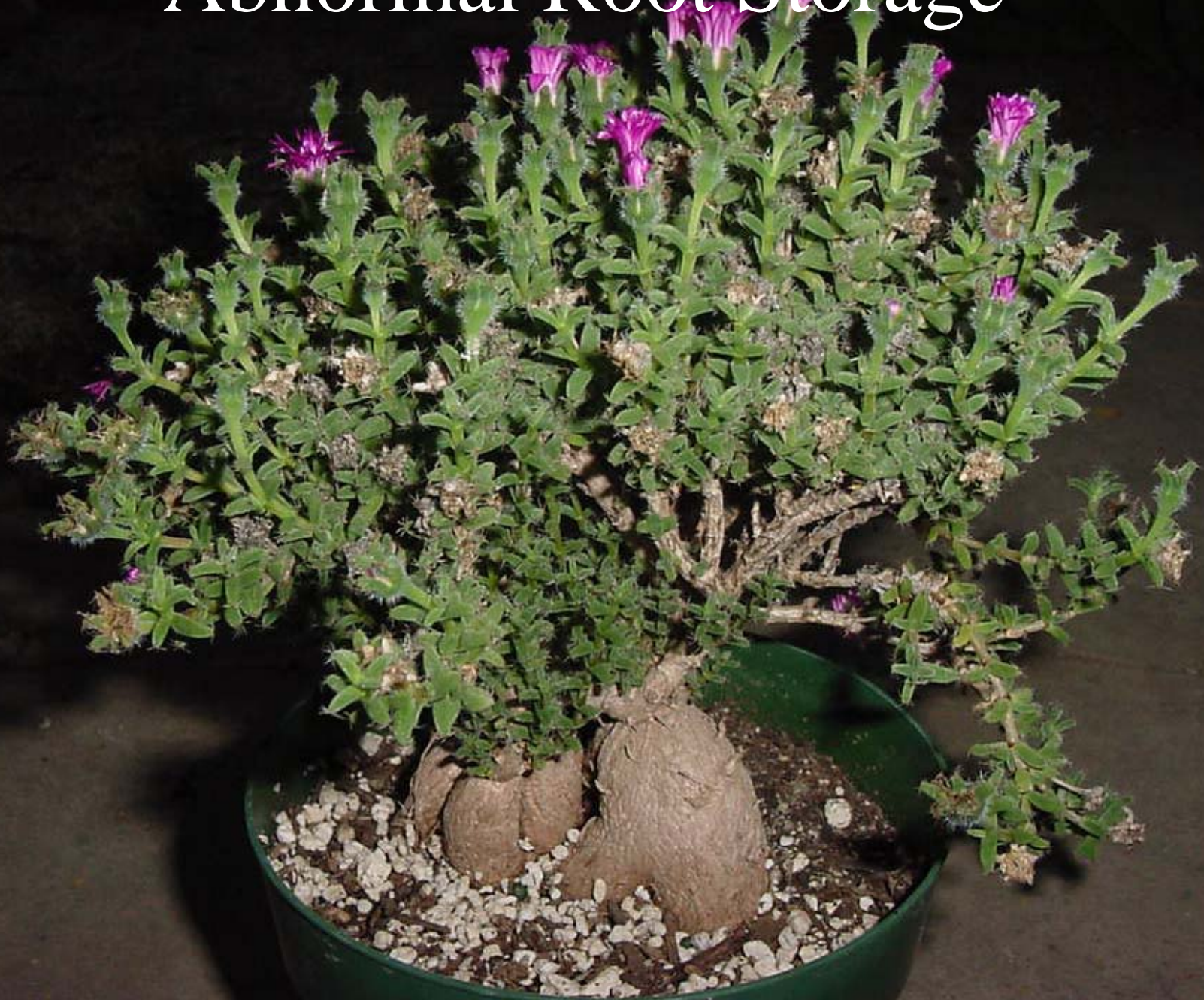
Leaf Storage



Stem Storage



Abnormal Root Storage



What is a Cactus?
What is a Succulent?
What's the Difference?

Due to their systems for
water storage.

All Cacti are Succulents



But All Succulents
are Not Cacti

Cactus only grow in the
Western Hemisphere



Succulent Euphorbia
Africa, Europe
Middle East, Sub Continent



Cacti – None up to hundreds

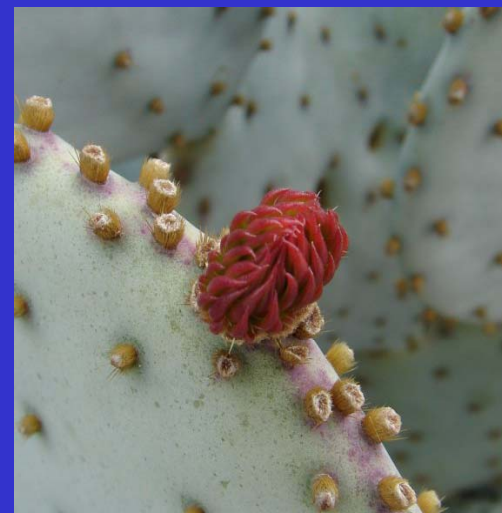
Euphorbia – Usually
Two Spines (if there are spines)



Euphorbia – White Milky
Astringent, Poisonous Sap



Cacti – Aureoles
Flowers, Seed,
New Growth, Roots



Euphorbia – Flowers

Small yellow flowers,
Surrounded by colorful
bracts



Cacti – Flowers

Usually showy large,
complex flowers



Euphorbia – Seeds, Normally 3 sided pods



Cacti – Seeds, Complex from a few to thousands of seeds





Aloe

from Africa, Europe,
Middle East

Agave
from Western Hemisphere



Aloe Blooms Annually



Agave Blooms Once *Monocarpic*



Aloe Leaves Prickles

