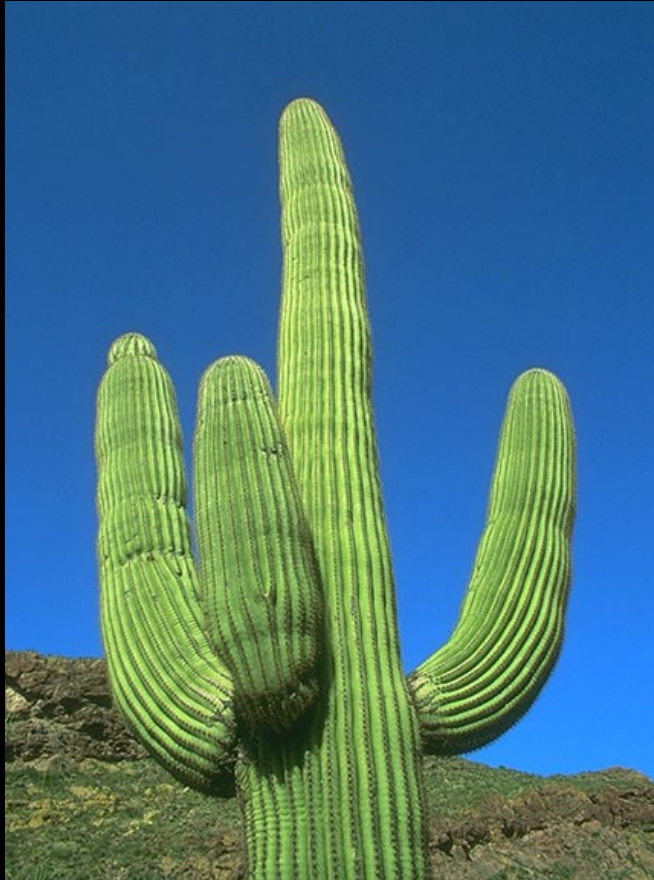


# Plant Adaptations



# *Plant Adaptations*

- Plants have adaptations to help them live and grow in different areas. These adaptations might make it very difficult for the plant to survive in a different place. This explains why certain plants are found in one area, but not in another. For example, you wouldn't see a cactus living in the Arctic. Nor would you see lots of really tall trees living in grasslands.

# WHY DO PLANTS ADAPT?



**Forests**



**Deserts**





# Plant Adaptations for different Biomes



# Desert Adaptations

- Small leaves or spines on desert plants conserve water.
- Thick waxy skin holds in water.
- Roots near the soils surface soak up rain water quickly before it evaporates.





**Thick stems**



**Spikes or thorns**



# Rainforest Adaptations

- Smooth, slippery bark keeps vines from killing trees.
- Slide shaped leaves lets rain run off so fungus doesn't grow on plants.









# Temperate Forest Adaptations

- Thick bark protects trees and dropping leaves in winter conserves water and nutrients during cold winters.







# Grassland Adaptations

- Deep roots help plants survive prairie fires.
- Narrow leaves lose less water than broad leaves.
- Flexible stems







# Water Adaptations

- Flexible stems move with water currents.
- Floating seeds spread offspring.









Thank You