



# WeBEE SCIENTISTS



ARIZONA-SONORA  
DESERT  
MUSEUM in partnership with   

# Desert Dwellers Student Handout Packet

ARIZONA-SONORA  
DESERT  
MUSEUM

in partnership with



TUCSON BEE  
COLLABORATIVE



INSTITUTE of  
Museum and Library  
SERVICES

Use these images to sort for the probe portion of the lesson.



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Photo by Jay Pierstorff



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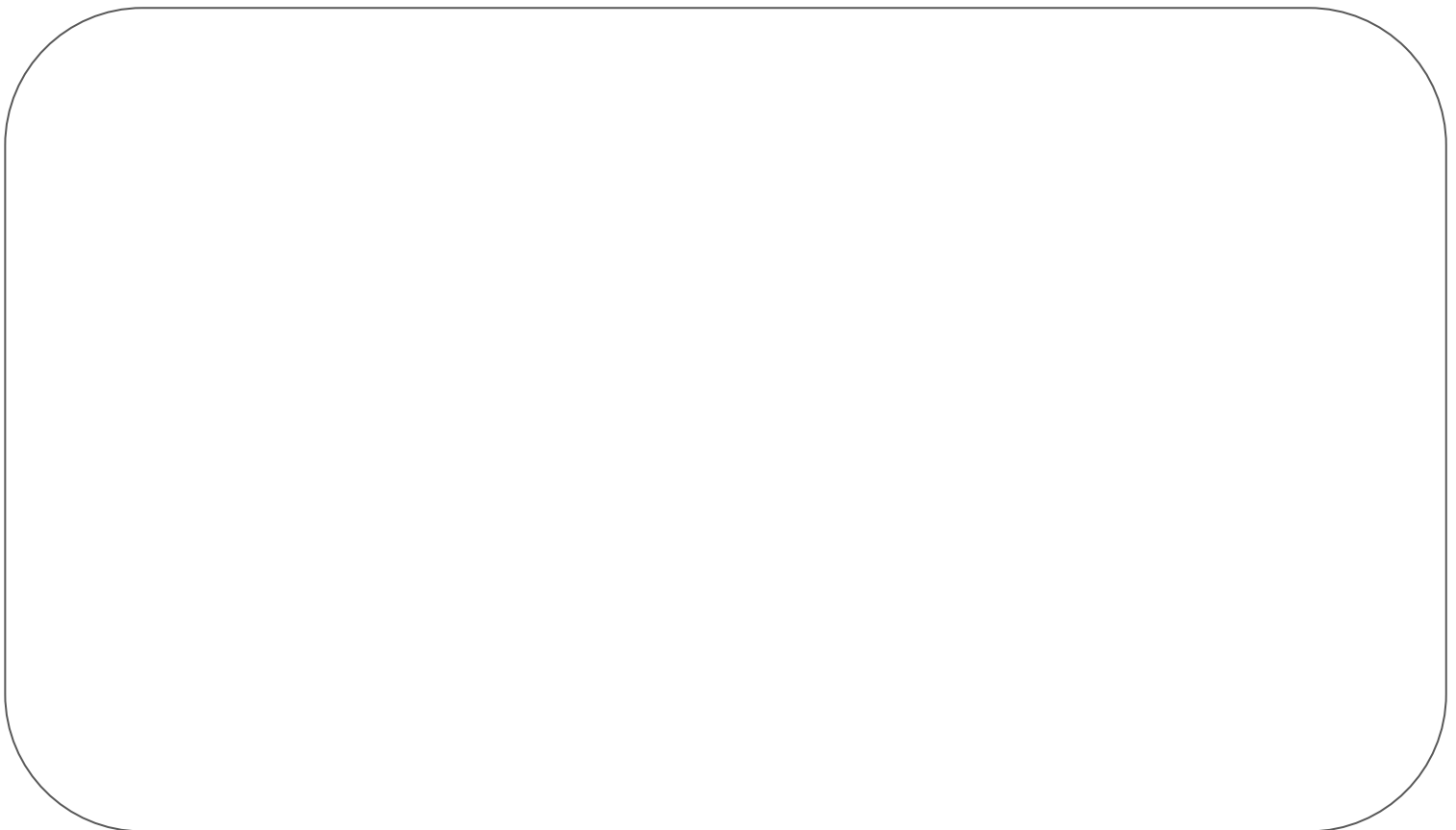
Name: \_\_\_\_\_



## Organism Fact Sheet

My organism is the \_\_\_\_\_.

Here is a picture of how it uses a saguaro:



My organism uses the saguaro when it is (circle one):

alive



dead



# Cactus Wren

This is a Cactus Wren.

It likes to make its nest on a saguaro cactus.

The spines from the cactus help protect it.

The cactus wren eats the fruit of the saguaro.



# White-winged Dove

This is the  
white-winged dove.

They get water from the  
cactus fruit.

The dove will also nest  
on the arms of the  
saguaro.





# Gila Woodpecker

Woodpeckers make holes in saguaros.

The inside of a cactus makes a safe, cool place for the woodpeckers to nest and have babies.

The hole they make is called a "boot".

The woodpecker will also eat the fruit of the saguaro cactus.



# Owls

Owls like to live in and on saguaros!

Elf owls nest in empty woodpecker holes.

Great horned owls nest in January and February. They use stick nests built in the arms of a saguaro cactus.



# Bees

Cactus bees use cacti for breakfast, lunch, and dinner.

The hair that covers their bodies helps them collect pollen from the flowers of cacti. They love to visit saguaros!

Sweat Bees also like to visit saguaro flowers!



Cactus Bee (*Diadasia* sp.)



Saguro Cactus Flower with *Augochlorella* sp.

# Lesser Long-nosed Bat

This is the Lesser long-nosed bat. They migrate to follow the flowers and fruits of plants they like. They like saguaros!

They eat the nectar of flowers that bloom at night, and their fruit. They eat saguaro nectar and saguaro fruit.



# Coyote

This is a coyote.

Coyotes eat the fruit from a saguaro.

They will also hunt smaller organisms found near saguaros, like rodents, lizards, and birds.



Photos by Jay Pierstorff

## White-throated Woodrat (Pack rat)

This is a pack rat.

Pack rats make their homes under a dead cactus' ribs and its boots on the ground.

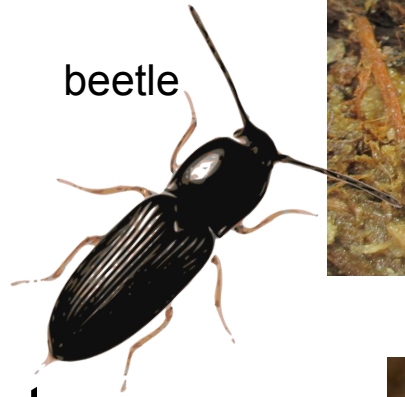
Pack rats will eat the saguaro and its fruit to get water.



# Insects and Arachnids

When a saguaro is dead, lots of critters will call it home.

beetle



saguaro rot



Many bugs like to eat the cactus as it rots. Some will lay eggs, too. Beetles and cactus flies are a few.



cactus fly

Others like to hunt smaller bugs who came to the cactus to eat! Scorpions and daddy long legs are just a few hunters!



scorpions

# Cards for Explain Chart and Elaborate Charade Game

Cactus Wren



White-winged Dove



Gila Woodpecker



Owls



Cactus Bee



Lesser Long-nosed Bat



Coyote



Pack Rat



Insects and Arachnids





Name: \_\_\_\_\_



A large, empty rounded rectangular box for writing.

The saguaro is the perfect plant for a

\_\_\_\_\_ because

Four horizontal lines for writing the answer.