



Student Field Study

Name(s) _____

Read about jaguars from Wildlife Field Notes by William Van Pelt, a contributor at the Arizona Game and Fish Department. Assign a section to each group member. Each member will then take a turn retelling what they read.

What is the scientific name of the jaguar and what does it mean?

P _____ : Greek for _____

O _____ : Greek for _____

List 3 interesting facts about jaguars:

What is the range of a jaguar? Up to _____ miles (3-digit lock box clue)

TEOTIHUACAN

(the city of the gods)

Teotihuacan is an ancient pre-Aztec civilization in what is now central Mexico. Teotihuacan rulers demanded huge projects, ancient building date back to 400 BCE. Teotihuacan has three pyramids; the Pyramid of the Sun is the third-largest ancient pyramid in the world. Archaeologists know very little about the people who built Teotihuacan, it remains a mystery. The pyramids and surviving structures have art painted on the walls that tell stories of mythological gods. *Physical evidence such as jaguar skeletons exists in one particular pyramid.* Jaguars were part of the culture of Teotihuacan. Ancient people believed that jaguars could move between the earth and the spirit realm. Jaguars are mysterious creatures that are part of ancient legends. For your clue scan the code and listen to an ASU archaeologist on site at Teotihuacan.

ASU: Jaguar Tablero at Teotihuacan
<https://tinyurl.com/y5cozynu>

In which pyramid were the jaguars honored? _____ (4 letter word lock box clue)



Do you want to see pyramids? Go to: <https://tinyurl.com/y46lr47c>

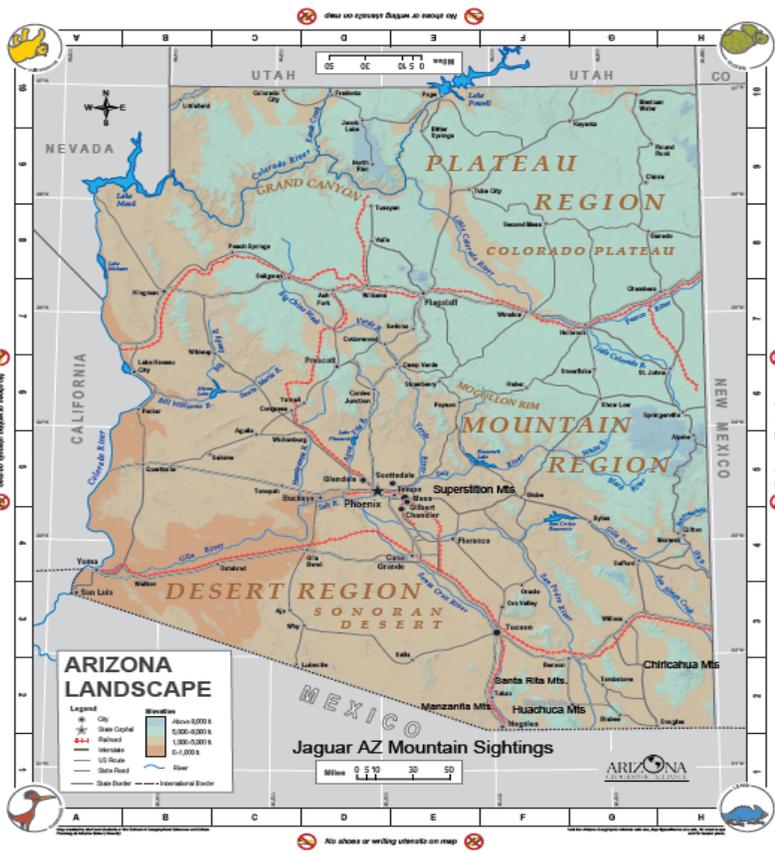


Read about identifying Jaguars: “Wanted: Information leading to the protection and conservation of jaguars along the Arizona-New Mexico borderlands” pamphlet material

Sketch the foot track of a jaguar and a puma (mountain lion). Can you tell the difference?

Jaguar Track	Puma Track

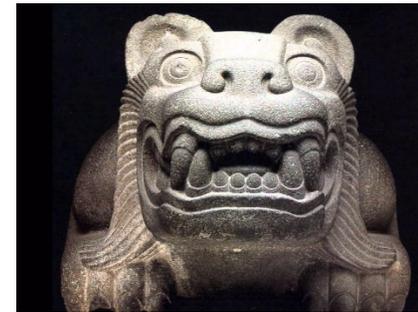
Once there was enough evidence to prove that Arizona and New Mexico were part of the jaguar’s habitat. Jaguars were finally considered endangered **in** the US. In what year did jaguars receive protection in the US? _____ (4-digit lock box clue)



Jaguar Records for Arizona

Map out in chronological order (1-5) from the oldest to the most recent sightings of Arizona's jaguars. Your first location (1) will be the Superstitions Mountains where a trapper recorded seeing a jaguar in Arizona in August 1900. Write the number (1) on the map. Look below and figure out what sighting would be number 2. Write number 2 on the map at that location. Do numbers 3-5. Now figure out what direction you would go to get from #1 to #2. (north or south only) Then what direction you would go to get from #2 to #3. (north or south only) Keep doing this until you get to #5. Move the arrows (1-5) on the directional lock to show north or south to unlock the lock.

Sombra Male	Yo'oko Male	El Jefe Male	Macho B Male
Chiricahua Mts Cochise County	Huachuca Mts Cochise County	Santa Rita Mts Santa Cruz County	Manzanita Mts. Santa Cruz County
July 26, 2017	June 14, 2017	September 15, 2015	March 3, 2009



Jaguars: Mystery and Myth Lockbox Challenge

The ancient symbolic power, as well as the elusive beauty of the jaguar, triggers our imagination.

Jaguars once roamed across Arizona but there are only a few today. The latest remote-sensor camera has captured a photograph of *Sombra*, a male jaguar. *Sombra* has been spotted in different locations more than a dozen times since 2016. The jaguar has been roaming across great distances in the borderlands Arizona and Mexico.

Your challenge, should you choose to accept, is to capture an image of a jaguar. Locked away in this special Black Box is a rare image of a jaguar. Use your field notes to crack the codes to unlock the box. Are you up for the challenge?

Upon completion of your challenge, you will find a jaguar to keep as a record of your exploration of the powerful jaguar. Place image here.