



Jacksonville Zoo and Gardens
Range of the Jaguar
Scavenger Hunt
Middle & High School



Range of the Jaguar opened to the public on March 5, 2004. It is a \$15.4 million, four-acre Neotropical exhibit featuring over 100 animal species from the Americas. The exhibit interpretive panels focus on partnerships, connections, interdependence and environmental based education in conservation. All the answers to this scavenger hunt can be found on the large panels scattered throughout the exhibit.

Knowledge of the Neotropics

What kinds of habitats can be found in the Neotropics?

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____

Where are the Neotropics?

What are the latitudinal boundaries of the Neotropics?

Knowledge of Rain Forests

List the names of the identified layers of the rain forest and describe the characteristics of each:

- A. _____

- B. _____

- C. _____

- D. _____

From the list of products identified as coming from the rain forest, which ones do you use?

How does the Iwokrama Forest compare to the forests of Duval County?

Knowledge of Sustainable Management

What is a "natural resource"?

What is the goal of "sustainable management"?

Define "stakeholder".

In the Range of the Jaguar exhibit, what stakeholders are identified for the Iwokrama Forest?

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

Did you know that by supporting the Jacksonville Zoo and Gardens that you are also our partner in supporting our conservation initiatives in Guyana? What is the Jacksonville Zoo supporting in Guyana?

A. _____

B. _____

C. _____

D. _____

E. _____

Identify the natural resource industries spotlighted in the Range of the Jaguar exhibit and describe how these industries benefit habitats (Hint: These are described in larger panels found throughout the entire exhibit.):

A. _____

B. _____

C. _____

Knowledge of Jaguars

What is the range of the jaguar?

Define "flagship species":

Describe the human-jaguar conflicts that exist today:

A.

B.

C.

Scientists and field researchers use various methods to find jaguars and track their movements in the wild. Explain how camera traps assist in these studies.

Knowledge of the Lost Temple

The Lost Temple is a replica of temple ruin similar to those built by the Mayas, Incas and Aztec peoples. What purpose did these ancient temples serve?

Describe how snakes "see" with specialized pits.

Describe how residents can participate in a "citizen scientist" project in their local area.

Scientists are perplexed by the disappearance of many amphibians over the past 50 years. What is being done in the Iwokrama Forest to study this phenomenon?

Of all the bats in the world, how many are true vampire bats and what do they mainly feed upon?

What benefit do insect eating bats have for local people?

What local native plant of the Southeastern United States belongs to the group of "air plants" known as bromeliads?

Describe the importance of bromeliads in the rain forest canopy.

Knowledge of Species Interdependence

Describe how the rising and receding of the river waters in the rain forest influence the movement plants and animals.

Describe how fruit eating animals assist plants in dispersing seeds.

How do ground dwelling animals like the tapir and capybara add fruit to their diet?

What important role does the agouti play in its environment?
