

On what continent would you find the "Patagonia" region?

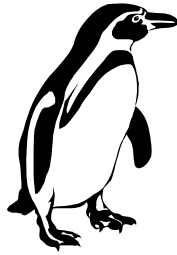
Find one Patagonian animal that spends its time...

on LAND _____

in WATER _____

using both LAND & WATER

Patagonia land animals face habitat destruction mainly due to what factor?



List 2 challenges to penguins in the wild that are the result of human activity

1. _____

2. _____

Sharks & sea turtles will mistakenly eat what dangerous item when attempting to feed on moon jellies?

When reading many of the Zoo's animal signs, please notice the "Survival Barometer" indicating that species' current status in the wild. Fill in the blanks to complete the barometer below:



EXTINCT

CRITICAL

LOWER RISK

EX. Grizzly Bear

1. _____

2. _____

3. _____

4. _____

• TROPHY HUNTING

• HARVEST FOR FUR/
FEATHERS/SKIN, etc.

• PEST CONTROL

• PET TRADE

• POISONS/POLLUTION

• HABITAT LOSS

• ETHNIC/FOLK
BELIEFS (medicines,
remedies, etc.)

List three things that you (and your family) can do to help animals...

1) _____

2) _____

3) _____



The primary threats to the Maned Wolf's survival are "overgrazing by domestic animals and the expansion of farms and ranches". How do you think these harm the maned wolf?

Some people who supported bushmeat hunting of chimps have changed their minds once they recognized how "human-like" chimps can be.



List 3 things chimps do that are usually associated more with human behavior than with animals;

- 1) _____
- 2) _____
- 3) _____

Name an ENDANGERED monkey in the Treasures of the Tropic building:

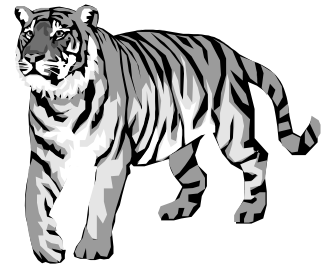
Describe the habitat where it lives:

Find an endangered snake in the Treasures of the Tropics building:

Why is it endangered?

Give examples of some actions you think would help save these snakes?

What kind of tiger (subspecies) lives at John Ball Zoo?

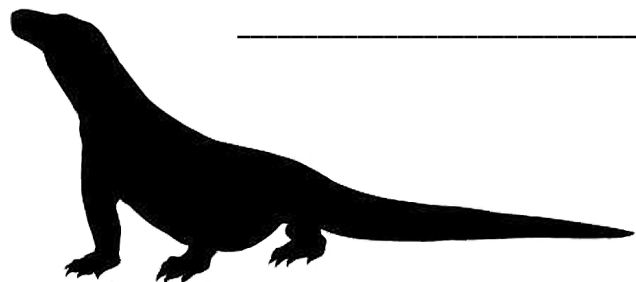


By protecting the habitat of the tiger, other kinds of animals will also benefit. List 2 of these species: (Hint: they share the same ecosystem)

Sometimes people who are willing to protect big, "cute" animals like tigers or elephants, are not so enthusiastic about protecting "creepy" or "scary" animals like bats, snakes or cockroaches. Why is it important to protect these types of animals, too? (Make sure you visit the hissing cockroaches in the Treasures of the Tropics building!)

Wild populations of komodo dragons are known to inhabit 4 islands—Name one of the islands:

How can local island people benefit from the protection of the dragon and its habitat?





John Ball Zoo

SCAVENGER HUNT:

Endangered Species & Conservation



Endangerment is a problem for creatures of all kinds and sizes!

Watch for this symbol as you walk through the zoo.



It indicates animals that are part of a special breeding program for endangered species: SSP, or Species Survival Program.

See how many SSP species you can find at JBZ and record them here...

Chimpanzee

Bongo

Amur Tiger

Spider Monkey

Goeldi's Monkey

Cotton-Top Tamarin

Aruba Island Rattlesnake

Komodo Dragon

NA River Otter

Snow Leopard

Maned Wolf

Black-footed Cat

JBZ is working with the Michigan DNR to help save what endangered butterfly?

What native plant species is critical to this butterfly's survival?

Karner Blue butterfly

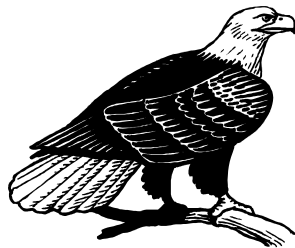
Wild blue lupine

Migratory birds are vulnerable to many dangers as they travel or rest along their routes.

Find 3 duck species at JBZ whose range can extend from Michigan in the summer to Mexico in the winter:

(many options, including:

Mallard, Woodduck, Red Head, Ring-neck, Hooded Merganser, Lesser Scaup, Ruddy duck)



Bald eagles are considered by many to be a successful "comeback" species.

Which 2 actions are credited with their recovery from near extinction?

- Controlling pesticide use (i.e. banning of chemicals such as DDT)
- Restocking of fish in rivers to provide more food
- Giving them wigs so they won't be so embarrassed
- Providing legal protection such as the Endangered Species Act and the Bald Eagle Act

How have JBZ's captive eagles helped ensure the survival of their species?

They have successfully raised offspring that have been released into their native habitat.

On what continent would you find the "Patagonia" region?

South America

Find one Patagonian animal that spends its time...

on LAND Urutu, spiders, guanaco, songbirds

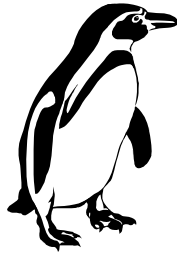
in WATER Trout, small fish

using both LAND & WATER

Magellanic penguin, kelp gull, ducks

Patagonia land animals face habitat destruction mainly due to what factor?

Overgrazing by domestic animals



List 2 challenges to penguins in the wild that are the result of human activity

1. Commercial fishing nets, oil spills,
2. coastal development, climate change

Sharks & sea turtles will mistakenly eat what dangerous item when attempting to feed on moon jellies?

Plastic bags

As you "travel" through the North American exhibit run (from Golden eagles to Pumas) and end at Snow Leopards, pick 4 animals and draw a line to match them to the threats they face (note: some animals may match more than one).

EX. Grizzly Bear ● TROPHY HUNTING

1. Possible animals (threats):

- HARVEST FOR FUR/ FEATHERS/SKIN, etc.
- PEST CONTROL
- PET TRADE
- POISONS/POLLUTION
- HABITAT LOSS
- ETHNIC/FOLK BELIEFS (medicines, remedies, etc.)

1. Golden eagle (harvest feathers, pest control, poisons/pollute)

2. Otter (harvest fur, habitat loss, poison/pollute)

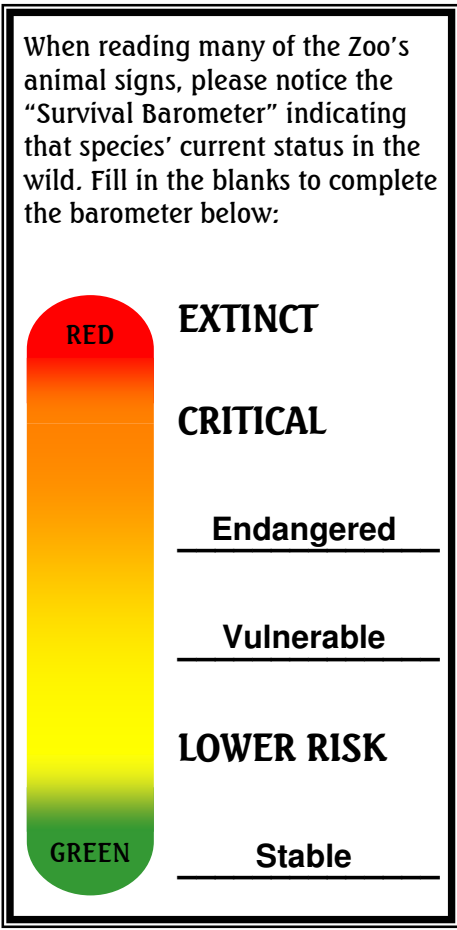
3. Prairie dog (pest control, pet trade, habitat loss)

4. Wolverine (harvest fur, habitat loss)

5. Dall Sheep (trophy, habitat loss)

6. Mountain Lion (pest control, habitat loss)

7. Snow Leopard (harvest fur, habitat loss, ethnic/folk)



List three things that you (and your family) can do to help animals...

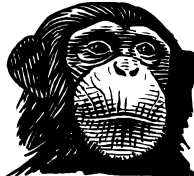
- 1) Recycle; Use less water, electricity & packaging; Feed & water the birds, Take care of pets & don't let them roam; Grow flowers
- 2) friendly to our wildlife; Visit and support the zoo and other conservation organizations; Tell friends how they can help; etc.
- 3) _____



The primary threats to the Maned Wolf's survival are "overgrazing by domestic animals and the expansion of farms and ranches". How do you think these harm the maned wolf?

Lack of tall grass habitat for prey = loss of prey, etc.—forces the wolf to starve or hunt livestock & be persecuted.

Some people who supported bushmeat hunting of chimps have changed their minds once they recognized how "human-like" chimps can be.



List 3 things chimps do that are usually associated more with human behavior than with animals;

- 1) Tool Use
- 2) Facial expressions/gestures
- 3) Play

Name an ENDANGERED monkey in the Treasures of the Tropic building:

Goeldi's or Cotton-Top

Describe the habitat where it lives:

rainforest

Find an endangered snake in the Treasures of the Tropics building:

Aruba Island rattlesnake or Jamaican boa

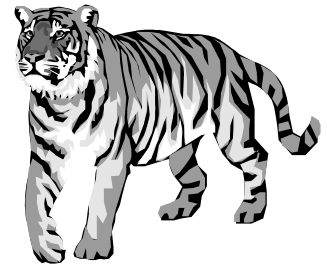
Why is it endangered?

Habitat loss; persecution

Give examples of some actions you think would help save these snakes?

Protect habitat; educate people; breeding programs; laws to protect them.

What kind of tiger (subspecies) lives at John Ball Zoo?



Amur/Siberian

By protecting the habitat of the tiger, other kinds of animals will also benefit. List 2 of these species: (Hint: they share the same ecosystem)

Japanese crane, Sika deer,

Amur leopard

Sometimes people who are willing to protect big, "cute" animals like tigers or elephants, are not so enthusiastic about protecting "creepy" or "scary" animals like bats, snakes or cockroaches. Why is it important to protect these types of animals, too? (Make sure you visit the hissing cockroaches in the Treasures of the Tropics building!)

All animals play a role; some are prey (food), some (predators) help keep prey populations in check; some are important decomposers, help pollinate plants, etc. Part of the "Web of Life"

Wild populations of komodo dragons are known to inhabit 4 islands—Name one of the islands:

Komodo, Rinca, Padar, Flores

How can local island people benefit from the protection of the dragon and its habitat?

Tourists visit and bring in money to see the dragons; locals serve as tour guides

