Article from SIRS Discoverer Database; (ProQuest)
Lexile: 890L

Disappearing Off the Map?

By Linda Buchwald

• *See where some endangered species struggle to survive.*

When an animal becomes **extinct**, that means there are no more of that animal in the world. An **endangered species** is a group of animals that is almost extinct. Animals become endangered when too many of them are killed, or when their **habitats** (home areas) are damaged badly.

The U.S. Fish and Wildlife Service protects animals by placing them on the endangered species list. It is against the law to harm endangered animals or their habitats. Valerie Fellows works for the U.S. Fish and Wildlife Service. "Our biggest goal is to help a species recover so it won't need protection any longer," Fellows told *DynaMath*.

Use **ordered pairs** to locate endangered animals. For each problem, circle the answer or write it in the blank. You'll see where some endangered animals call home.

Ordered Pairs

To locate points on the grid, use ordered pairs of coordinates, such as (x, y).

• The x coordinate tells how many points to move right across the x-axis.

• The y coordinate tells how many points to move up along the y-axis.
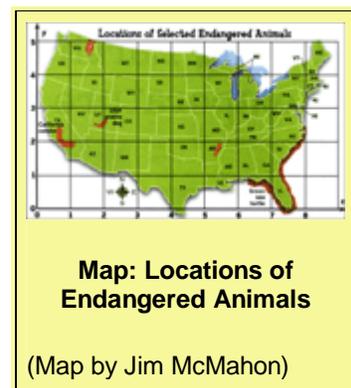
Example: Which animal on the map is closest to (7, 0)? From the bottom-left corner of the grid, go 7 lines to the right and 0 (no) lines up. The green sea turtle is closest to (7, 0).

(See picture, "Map: Locations of Endangered Animals.")

What to Do

Use the information in "Ordered Pairs" and the map to answer the questions.

1. Woodland caribou live near (1, 5). What state is at (1, 5)?

A. California (CA)
B. Washington (WA)
C. Texas (TX)
D. Louisiana (LA)

Map: Locations of Endangered Animals

(Map by Jim McMahon)

Mark the orange area near (1, 5) with the caribou's name.

2. Which ordered pair is closest to the California condor's habitat?

A. (3, 0)
B. (1, 2)
C. (0, 3)
D. (2, 4)

3. Near what ordered pair would you find the Utah prairie dog? _____

4. An ivory-billed woodpecker was seen in 2005 in the orange region east of (5, 2) Write the woodpecker's name in that region. What state is that in? _____

5. Draw a line from (2, 2) to (4, 1). That passes through the three states where the jaguar can be found. Name the three states: _____

Supermath

The humpback whale is making a comeback. It was hunted to near-extinction. But it can now be found all along the East and West coasts. What could be the coordinates for its population near the coast of...

A. Massachusetts (MA)? _____

B. Oregon (OR)? _____

Web Wise

Find out which species are endangered in your state from the links at **www.scholastic.com/dynamath**!

Answer Bank

1. B
2. B
3. Between (2, 2) & (2, 3)
4. Arkansas
5. Arizona (AZ), New Mexico (NM), and Texas (TX)

Supermath:
A. (8, 4) or (9, 4)
B. (0, 4), (0, 5), or (1, 5)

Picture for article: Disappearing Off the Map?

Picture title: Map: Locations of Endangered Animals
Caption: (Map by Jim McMahon)

Locations of Selected Endangered Animals