

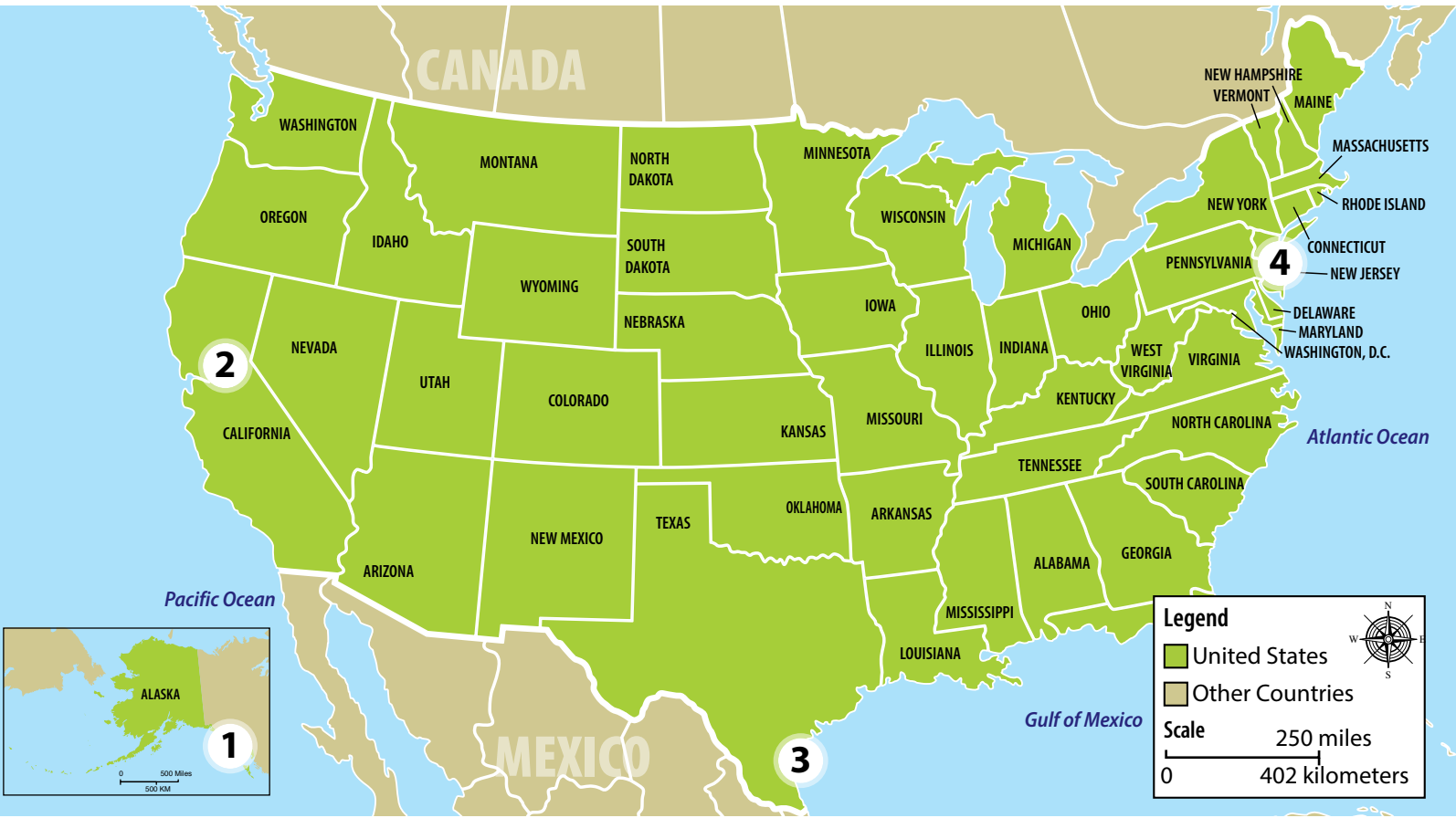
# Map Activity

Follow the instructions to complete the activity.

NAME

DATE

Using the information on pages 8–9 of the book, fill in the blanks with the name of the biological field station in each location. Use information found in the book and research online to briefly explain why each field station is important or unique.



1

2

3

4



**STEM Careers**  
**Ecologist**

Reference: Pages 8–9

## Tools of the Trade

Follow the instructions to complete the activity.

NAME

DATE

Using information found in the book, name each tool shown below and describe how it is used.

**Name**

**Description**







**STEM Careers**

**Ecologist**

Reference: Pages 14-15

## True or False

Follow the instructions to complete the activity.

NAME

DATE

Using the information in *Ecologist*, verify whether the following information is true or false. Check your answers in the book. List the page number where you found your information beside your answer.

### Statement 1

Human ecology is a theory developed in the 1860s.

☐ True

☐ False

Page  
Number

### Statement 2

There are less than 350 biological field stations across the United States.

☐ True

☐ False

Page  
Number

### Statement 3

There are less than 350 biological field stations across the United States.

☐ True

☐ False

Page  
Number

### Statement 4

Computer modeling software allows ecologists to create simulations of events.

☐ True

☐ False

Page  
Number

### Statement 5

Most ecologists work in states that have a high number of natural areas, such as towns and cities.

☐ True

☐ False

Page  
Number



## Fill in the Blanks

Follow the instructions to complete the activity.

NAME

DATE

Use the information found in *Ecologist* to help you complete the following activity.

1. Ecologists work in the field of .
2. Scientists who study  are called ecologists.
3. Ecologists often use  to record data when out in the field.
4. Scientists use the  method to solve problems.
5. Ecologists are sometimes invited to  to discuss their work with other scientists and the general public.
6. Ecologists place  cameras in areas they think animals may live.



Using information from the book, select an answer from the right and write its letter in the box beside the statement to which it refers.

The Nature Conservancy has protected more than this many million acres of land around the world.

**A. 400**

The Ecological Society of America (ESA) represents more than this many members worldwide.

**B. 119**

The Nature Conservancy currently has a presence in more than this many countries around the globe.

**C. 70**

By 2025, more than this many million STEM jobs in the United States will be unfilled due to a lack of qualified workers.

**D. 9,000**

More than this many scientists, including ecologists, are employed by The Nature Conservancy.

**E. 2**



## Key Words Match-Up

Write the words from the list below in the box above the correct definition for each word.

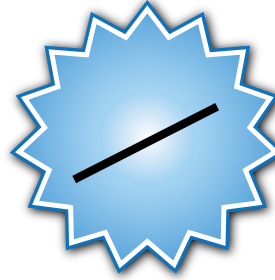
NAME

DATE

### KEY WORDS

bachelor's degree	doctorate degrees
biology	Dust Bowl
biosphere	evolves
condensation	habitats
conservation	marine

**Your  
Score is**



=

%

- the parts of Earth where life exists
- an area of land where vegetation has been lost and soil reduced to dust
- the first level of a college program of study
- found in the sea
- the process that turns water vapor into liquid

- the highest level of college programs of study
- the natural homes of plants, animals, or other organisms
- the study of plants and animals
- experiences gradual change
- the protection of nature



## Quiz

Test your knowledge by answering these quiz questions.

NAME

DATE

1

What is another name for ecology?

2

In what year was the term “ecology” first used?

3

What are the four areas of STEM?

4

Which state employs the most ecologists?

5

What is the name for a natural area dedicated to ecological study?

6

What type of lens allows ecologists to take detailed pictures of tiny objects?

7

What does GPS stand for?

8

What technology helps ecologists watch slow processes quickly?

9

How did ecologists record their subjects before there were cameras?

10

How many members does The Nature Conservancy have?

