

Name: **Michael Babun**

Date: \_\_\_\_\_

## Student Exploration: Dichotomous Keys

**Vocabulary:** dichotomous key, genus, organism, scientific name, species, traits

**Prior Knowledge Question** (Do this BEFORE using the Gizmo.)



Jerome is walking through a park when he sees the spider shown at left. How could Jerome find out what type of spider it is?

He can use a dichotomous key.

In the field, scientists often have to identify an unfamiliar **organism** (living thing). A reliable way to identify organisms is to use a **dichotomous key**. A dichotomous key is a series of paired statements or questions that lead to the identification of an organism.

The *Dichotomous Keys* Gizmo allows you to use five different dichotomous keys to identify a variety of organisms. To begin, make sure **California Albatrosses** and **Organism A** are selected.



1. Read the two statements at lower right. Which of the two statements most closely matches the characteristics of the bird pictured? **Short-tailed albatross**
2. Select that statement and click **Next**. Continue until you have correctly identified the albatross. If you change your mind about a choice, you can click the **Back** button. If you incorrectly identify the albatross, you can click the **Start Over** button and try again.
  - A. What is the name of the albatross? **Short-tailed albatross**
  - B. The **scientific name** is shown in italics. Scientific names have two parts: the **genus** name and the **species** name. What is the scientific name of this albatross?  
***Phoebastria albatrus***

# Gizmo Answer Key Assessment Questions

**Michael Rajnik**

A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the author's name.

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## Reviewing **Gizmo Answer Key Assessment Questions**: Unlocking the Spellbinding Force of Linguistics

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