

*Welcome to Natural Selection!* As you will soon discover, this is a very extensive web site. The general site map below is designed to give first-time visitors an idea of what lies ahead and to give returning users quick access to previously visited pages. At any time from any page within this web site, you can click on "site map" in the lower left corner to return to this page.

Please note: NEXT PAGES (to your left) and PREVIOUS PAGES (on the top) are designed to help efficiently guide you through this complex site by showing you the most logical steps to and from your current page.

## **Introduction to Natural Selection**

### **Explanatory Models**

### **Our Research**

### **Learning Outcomes**

### **Roadblocks to Understanding Natural Selection**

### **Course Overview and Materials:**

#### SECTION ONE: The Nature of Scientific Arguments:

##### Lesson 1A: Unit Overview:

[instructional notes](#) | [student handouts](#)

##### Lesson 1B: Sequencing Events (The Cartoon Activity):

[instructional notes](#) | [student handouts](#) | [assessment](#)

#### SECTION TWO: Comparing Explanatory Models:

##### Lesson 2A: Introduction to the Nature of Explanatory Models:

[instructional notes](#) | [student handouts](#)

##### Lesson 2B: Understanding Paley's Model:

[instructional notes](#) | [student handouts](#)

##### Lesson 2C: Understanding Lamarck's Model:

[instructional notes](#) | [student handouts](#)

Lesson 2D: Introduction to Darwin's Model:

instructional notes | student handouts

Lesson 2E: Comparison of the Models:

instructional notes | student handouts

SECTION THREE: Using Darwin's Model of Natural Selection:

Lesson 3A: Developing a Darwinian Explanation:

instructional notes | student handouts

Lesson 3B: Exploring Variation and Heritability:

instructional notes | student handouts

SECTION FOUR: Extending the Natural Selection Model to Anomalous Phenomena:

Lesson 4A: Monarch/viceroy Case:

instructional notes | student handouts

Lesson 4B: Pheasant Case:

instructional notes | student handouts