

Understanding Experimental Design

© 2020, SimBio. All Rights Reserved.

Contents

Section 1: What Makes a Good Experiment?

Explore the principles of good experimental design with an example. Do cone spines deter crossbills from eating pine seeds?

- Why Do Experiments?
- Well-Designed Experiments
- Crossbills and Pine Cone Spines
- Check Your Understanding

Section 2: Save the Simploids!

Design your own experiment to explore why Idyllic's beloved Simploids are getting sick.

- Sleuth the Sigmoid Sickness
- Observe
- Hypothesis
- Design and Predict
- Test
- Summarize Results
- Conclusion
- Toward a Deeper Understanding

Section 3: Graded Questions

Graded Questions