

**BIOLOGY 3671 - EVOLUTIONARY CONCEPTS - TUTORIAL GUIDE****Topic 9: SCALE II**

Adaptive Landscapes of Habitat Selection  
The Ideal Free Distribution  
Negative Frequency-Dependent Adaptation  
Behaviour and the Adaptive Function  
Can Habitat Selection Purge Mutation Load?  
Selection Gradients Depend on Density  
Soft vs Hard Selection  
Habitat Constrains Adaptation  
Cooperation  
Multi-Level Selection

**Tutorial 9: Communicating science.**

Complete the public presentation.

At the end of the tutorial, select one of the following terms describing your self-assessment on this task (exceptional, outstanding, very strong, strong, moderate, insufficient). Do the same for your study group as a whole. Submit both 'scores' and a brief justification to your GA before leaving. During the tutorial, answer the following questions:

Is the presentation clear?

Are the graphics effective?

Does it address and clarify an important theme?

Will it motivate peers?

What is missing (make a list and assign chores)?

What needs improvement (make a list and assign chores)?

Can you present it clearly and without reading your slides?

Required Reading:

Morris and Lundberg 2011: Chapter 5: 153-178.