

Earth Systems I/Unit 6 Study Guide

ESIU6SG (Northwoods Ecoregion)

Study Objectives

1. Identify specific behavioral and physical adaptations animals and plants have to the winter ecological challenges of this region.
2. Discuss the characteristics of the snow pack.
3. Explain the construction of a Quin-zhee and what characteristics about snow allow it to be an effective shelter.
4. Evaluate the effectiveness of historic human travel and camping methods.
5. Describe the two most important cold emergencies and the methods for prevention and care.

Vocabulary

hibernation migration hypothermia cuticle biome ecoregion convection conduction
thermoregulation radiation evaporation snowshoe float sublimation

Assignments

➤ Notebook: 10pts

- ❑ Article Guide: "The Northwoods"
- ❑ Case Study: "Left Out in the Cold - a case in thermoregulation"
- ❑ Notes (handout)
- ❑ "To Build a Fire" - Lessons learned
- ❑ Crossword

➤ Wolf Track Lab 10pts

➤ Vocabulary Quiz 10pts

➤ Test 10pts

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