**Environmental Science 3205**

Chapter 4: Study Guide

*What to Study:*

Chapter 4: Notes

Chapter 4: Workbook

Chapter 4: Textbook

The Great Auk activity

Key terms below

Study Guide Questions below

*Key Terms:* (In notes and textbook)

1. Natural Extinctions
2. Anthropogenic Extinctions
3. Pollution
4. Bioaccumulation
5. Biomagnifications
6. alien species
7. invasive species
8. not at risk
9. data deficient
10. special concern
11. threatened
12. endangered
13. extirpated
14. extinct

*Questions* (Answers in notes)

1. Give four (4) reasons why species are going extinct.
2. Give some examples of factors contributing to extinction.
3. Using the example of the polar bear, explain how global warming is affecting species at risk.
4. Besides global warming, what are two (2) other factors that can place species at risk
5. Explain how invasive species can threaten the environment, the economy and even human life.
6. List the three step process of classifying an organism as a species at risk.
7. List the recovery process of a species at risk.
8. What happens when a species is designated as a “special concern”?
9. What happens when a species is designated as “threatened” or “endangered”?
10. What is COSEWIC?
11. What is the role of COSEWIC?