

## Wk 2 -Extinction in the Modern World

Text Pages 14-21

### Classification System for At-Risk Species

*Match the description with the correct classification:*

- A. Endangered                    \_\_\_\_ At risk because of low or declining numbers
- B. Extinct                        \_\_\_\_ Likely to become endangered if factors making it vulnerable are not reversed
- C. Extirpated                    \_\_\_\_ No longer exists in at least one part of Canada but is still found in other parts
- D. Threatened                    \_\_\_\_ Close to extinction in all parts of Canada
- E. Vulnerable                    \_\_\_\_ No longer found anywhere

### Humans & Extinction

1. What relationship exists between human population growth and species extinction rates?

---

---

---

2. How is the number of species at risk of extinction currently changing?

---

---

---

3. What is a mass extinction? What is the most famous mass extinction?

---

---

---

---

---

4. What do scientists believe caused many of the mass extinctions in the past?

---

---

5. Briefly explain how climate change and competition affect extinction in general.

---

---

---

---

---

---

6. How was it possible for a very successful species like the passenger pigeon to become extinct?

---

---

---

---

7. Explain how each of the following factors could lead to the extinction of a species. With each explanation include an example of an 'at risk' species.

A. Poor reproductive success

---

---

B. Competition from a species newly introduced to an area.

---

---

---

C. Change in climate

---

---

D. Hunting by humans

---

---