



EXTinction Notes

The End of a Species



Name: _____ Date: _____ Block: _____

Extinction

1. Over _____ of all species that have ever lived are now what?
2. According to scientist, the 6th Mass Extinction has what?
3. What is/will this extinction called?

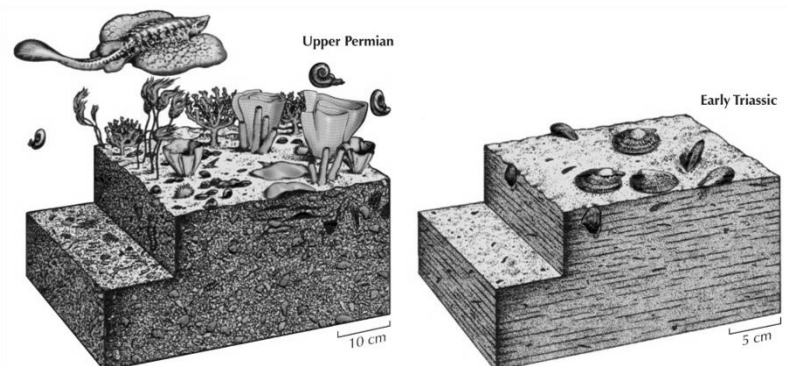


Extinctions of the Past

4. Several times in Earth's history, mass extinctions have wiped out what?

Global Extinction

5. The _____ extinction wiped out how much of all species of plants and animals on Earth?



Why Extinction?

- A species can become extinct for a number of reasons...
- Because it is out-competed by another organisms
- Because its ecosystem changed and it could not adapt
- Because it is hunted to extinction by humans.

Mass Extinctions

6. Mass extinctions are often due to a/an what?
7. Recent evidence brings scientist to the conclusion that the Permian extinction was caused by a combination of what?
8. This meant that most of life did what?

Next Mass Extinction?

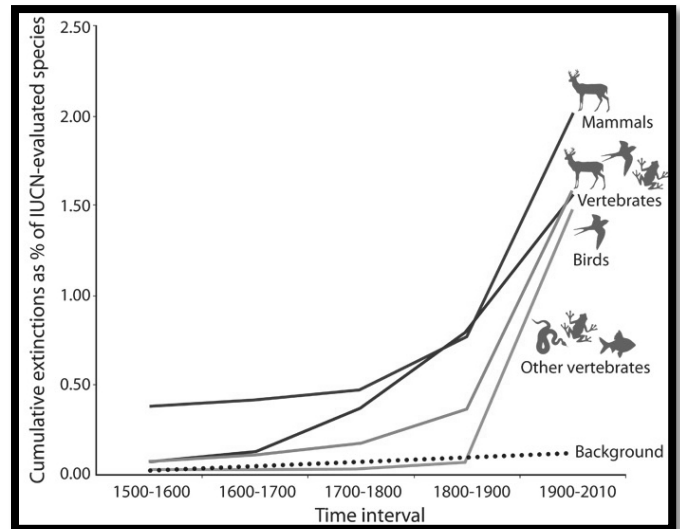
- Many believe we are in the midst of our 6th Mass extinction.

9. Extinction is _____, but usually at a rate of 1-5 species per year.

10. This rate is called the what?

11. We're losing species at what rate?

Scientist consider this a catastrophic rate!



Next Mass Extinction?

12. For this mass extinction, who/what is the asteroid?

13. Who/what is the suffocating CO₂ gas?

14. Who/what are the bringers of death and destruction on a massive scale?



A Silver Lining

- What effects have mass extinctions had on the history of life?

15. Each mass extinction has left _____ open and provided what for the organisms that survived?

16. Mass extinctions are often followed by a what?

17. This process is called what?

New Frontiers: Can we stop Extinction?

- This next portion is **IN YOUR OWN WORDS!**

18. Name or describe several ways human has caused harm to the planet.

19. What are some ways you can give back, preserve and conserve organisms on the planet?