

The Big Five Extinctions

<u>Period</u>	<u>Millions of Years Ago</u>	<u>% of Life Extinguished</u>
End Ordovician	444 mya	86%
Late Devonian	375 mya	75%
End Permian	251 mya	96%
End Triassic	200 mya	80%
End Cretaceous	66 mya	76%

What is happening to the golden-frogs of Panama?

What is the etymology of *amphibian*? Why are amphibians the most endangered class of animals? What is their extinction rate? What is EVACC? What is chytrid fungus, and how does it kill?

What is “background extinction”? Typically, how many extinctions occur in a million species-years?

What is Rule 1 of the rain forest?

Who was Cuvier? How did a single molar lead a French naturalist to consider the possibility of extinction?

What is significant about the mastodon, the Megatherium, the Maastricht animal in our learning about lost species?

How many species did Cuvier identify as extinct by 1800? By 1812? What is stratigraphy, and how does it contribute to our understanding of fossils?

How did Cuvier and Lamarck disagree?