**Kolbert, *The Sixth Extinction* Pp. 1-46**

**Wesley Advocates 18 August 2019**

*The Big Five Extinctions*

Period Millions of Years Ago % of Life Extinguished

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?