

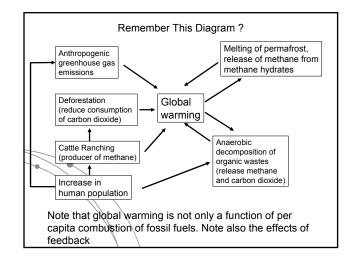
Feedback in the Earth System

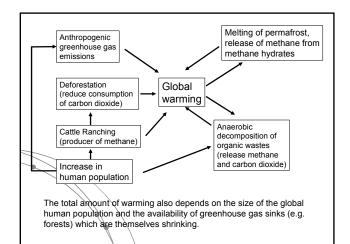
Anti-environmental groups also downplay the seriousness of biospheric degradation, by stating that carbon dioxide emissions exert minimal change in atmospheric composition.

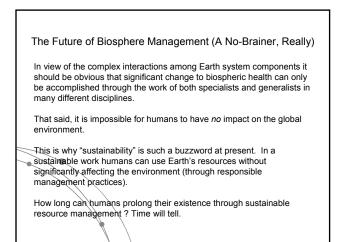
But many ignore the feedback mechanisms in the Earth System.

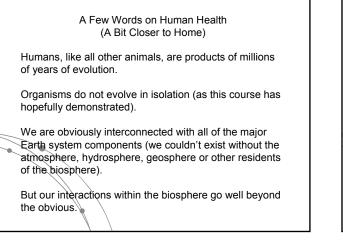
Global warming attributed directly to fossil fuel emissions is the tip of the iceberg !

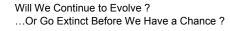
Little problems can become much bigger problems due to feedback.

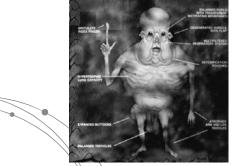




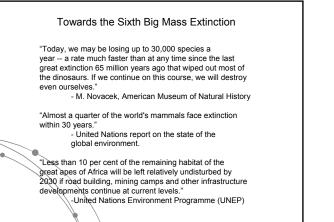


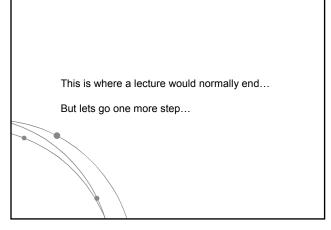


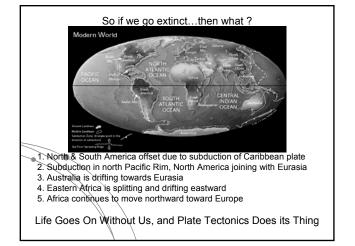


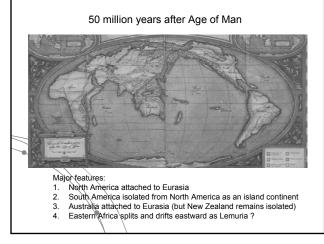


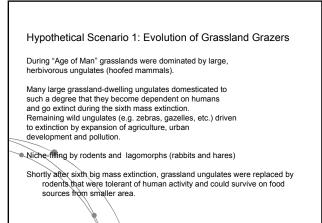
If natural selection continues to work on us, will we look like this ?



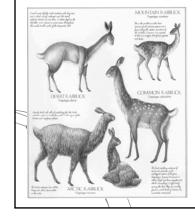






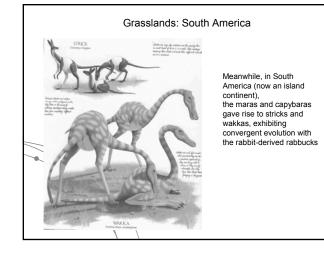


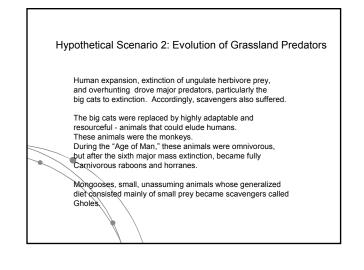
## Grasslands: North America

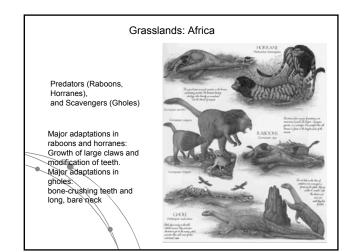


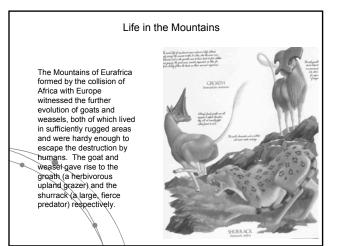
## Major adaptations to suit rabbits to grazing lifestyle:

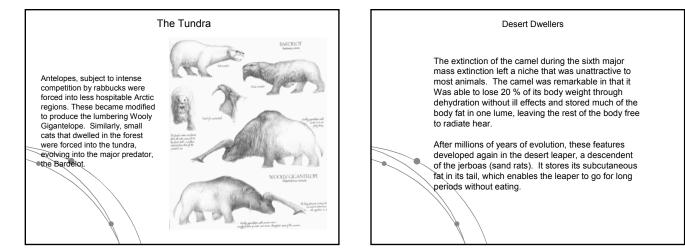
- Modification of teeth to grind large volumes of silica-laden grasses
- 2. Elongation of legs and reduction of toes to allow efficient running on large expanses of plains.
- Isolation of rabbucks in South America possibly produces forms of different appearance than in main supercontinent.

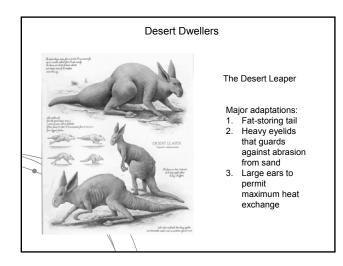


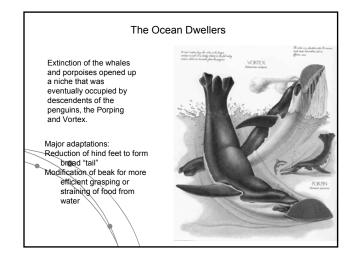


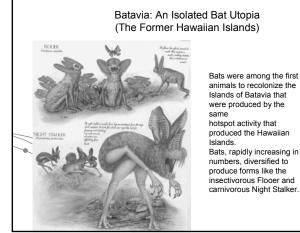












The Bottom Line The biosphere is weird, wonderful, and complex Geospheric, atmospheric, hydrospheric...and biospheric processes have all influenced the state of the system that we call Earth (and will continue to do so). In order to plan our activities for the future, we must first understand the past and present interactions among organisms within the biosphere as well as interactions between the biosphere and the other Earth system components. We be among the survivors of the next mass extinction ?

