

**TwoOldGuys™ Study Guides**  
**BI114 Biological Concepts for Teachers**

Chapter 4. History of Life  
 4.5. 7<sup>th</sup> Extinction

**Geological Time**

period	MYr BP	plants	animals
Quaternary	2	grassland, desert	Human
	2	mass extinction #7 starts	
Tertiary	65	modern plants, Grass	Primates, Insects
	65	mass extinction #6	
Cretaceous	130	Flowers	Mammals
Jurassic	175	Cycads	Dinosaurs (raptors), Birds
	175	mass extinction #5	
Triassic	220	Forests	Dinosaurs
	220	mass extinction #4	
Permian	270	Conifers	Reptiles
Carboniferous	350	Fern trees	Reptiles
	350	mass extinction #3	
Devonian	400	Ferns	Insects, Amphibians
Silurian	440	land plants	Sharks, insects(?)
	440	mass extinction #2	
Ordovician	500	Algae	jawless fish
Cambrian	600	Algae (seaweed)	invertebrates (shellfish)
Pre-Cambrian	1,500	Protista	Protista
	1,500	mass extinction #1	
Pre-Cambrian	3,500	Archaea, Bacteria, Bluegreens	
	4,500	Earth forms	