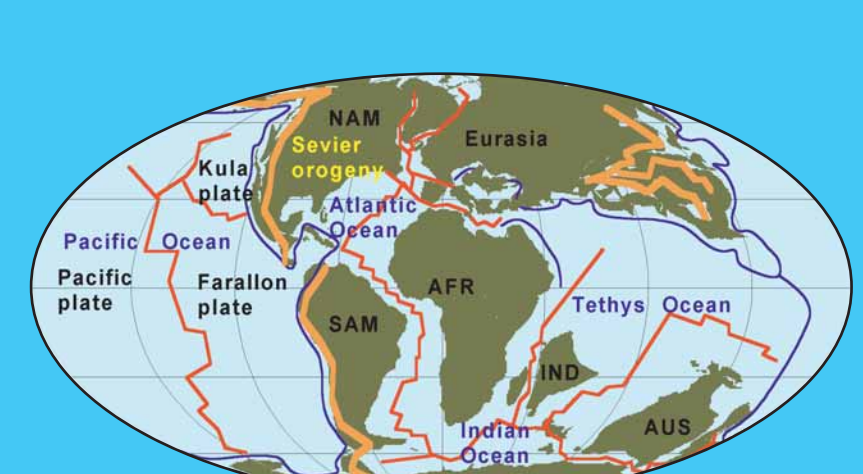


Age (Ma)	Eon	Era	Period	Era	Period	Epoch	Stage	AGE (Ma)					
2.6			Neogene	Cenozoic	Neogene	Pliocene	Catalban/Gelasian	2.6					
5.3		Paleogene	Quaternary*				Pleistocene	2.6					
100													
200		Mesozoic	Cretaceous	Cenozoic	Neogene	Miocene	L Tortonian	23					
			Jurassic						M Serravalloian				
			Triassic						E Burdigalian				
300					Paleogene	Oligocene	L Chattian	34					
									E Rupelian				
									L Priabonian				
400		Paleozoic	Carboniferous			Eocene	M	L Bartonian	56				
			Devonian					E Lutetian					
			Silurian					E Ypresian					
500			Ordovician		Paleocene	L	M Thanetian	66					
			Cambrian				E Danian						
600					Mesozoic	Cretaceous	Late	Maastrichtian	66				
700		Neoproterozoic	Ediacaran					Campanian	Early		100		
800			Cryogenian										
900			Tonian									Albian	
1000											Aptian		
1100			Stenian							Barremian			
1200		Mesoproterozoic	Ectasian	Jurassic			Late	Hauterivian	146				
1300										Valanginian			
1400										Berriasian			
1500			Calyimian					Middle	Tithonian	161			
1600									Kimmeridgian				
1700			Statherian	Triassic		Late	Oxfordian	176					
1800									Callovian				
1900			Orosirian						Bathonian				
2000							Early	Bajocian	200				
2100									Aalenian				
2200			Rhyacian						Toarcian	200			
2300				Permian		Cisuralian	Pliensbachian	228					
2400			Siderian						Sinemurian				
2500									Hettangian	245			
2600		Neoproterozoic		Carboniferous		Late	Rhaetian	251					
2700									Norian	260			
2800		Mesoproterozoic				Middle	Guadalupian	Carnian	271				
2900										Ladinian	299		
3000				Devonian		Lopingian	Anisian	318					
3100								Olenekian					
3200								Induan	359				
3300				Silurian	Pennsylvanian	Changhsingian	385						
3400								Wuchiapingian					
3500								Capitanian	398				
3600								Wordian/Roadian	416				
3700				Ordovician	Mississippian	Kungurian	423						
3800								Artinskian	428				
3900								Sakmarian	444				
4000				Cambrian	Early	Asselian	461						
4100								Gzhelcian	472				
								Kasimovian	488				
					Series 1	Middle	Moscovian	501					
									Bashkirian	510			
									Serpukhovian	521			
					Series 2	Visean	542						
							Tournaisian						
							Famennian						
				Paleozoic	Late	Frasnian							
								Givetian					
								Eifelian					
					Early	Pridoli	Lochkovian	416					
									Ludfordian/Gorstian	423			
									Homerian/Sheinwoodian	428			
					Llandovery	Telychian	444						
							Aeronian/Rhuddanian	461					
							Hirnantian	472					
					Series 3	Katian	488						
							Sandbian	501					
							Darriwilian	510					
					Series 4	Floian	521						
							Tremadocian	542					
							Stage 10						
					Series 5	Stage 9							
							Stage 8						
							Stage 7						
					Series 6	Drumian	542						
							Stage 6						
							Stage 5						
					Series 7	Stage 4							
							Stage 3						
							Stage 2						
					Series 8	Stage 1							

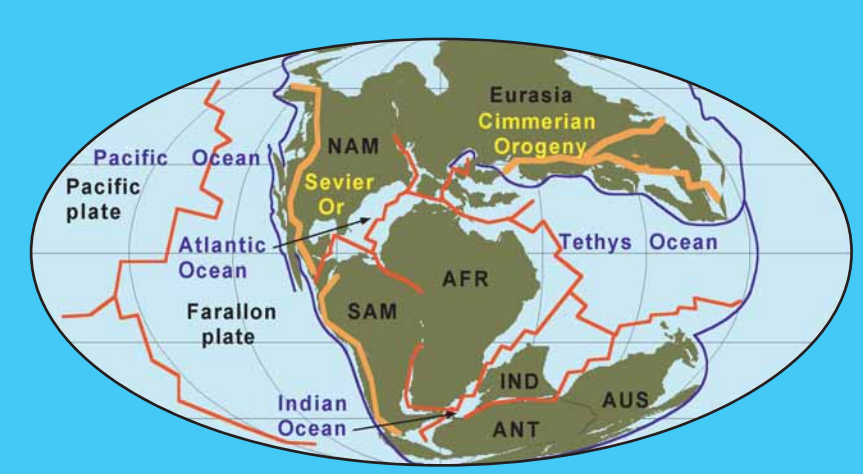
## Paleogeographic Maps



Early Neogene



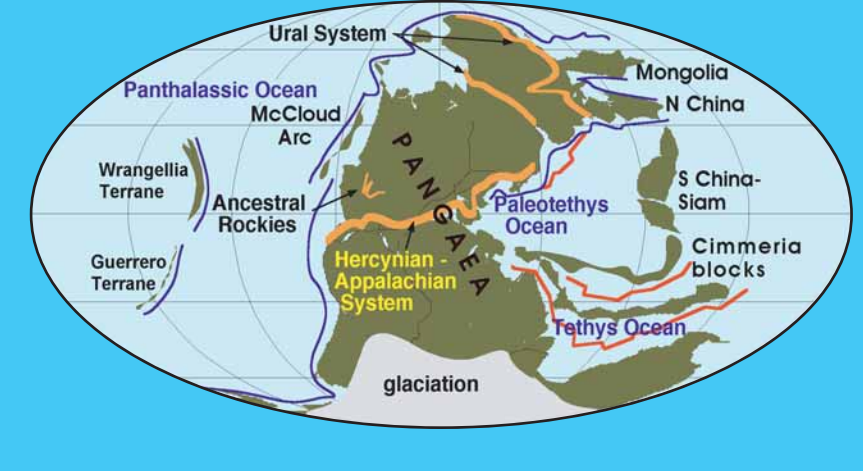
Late Cretaceous



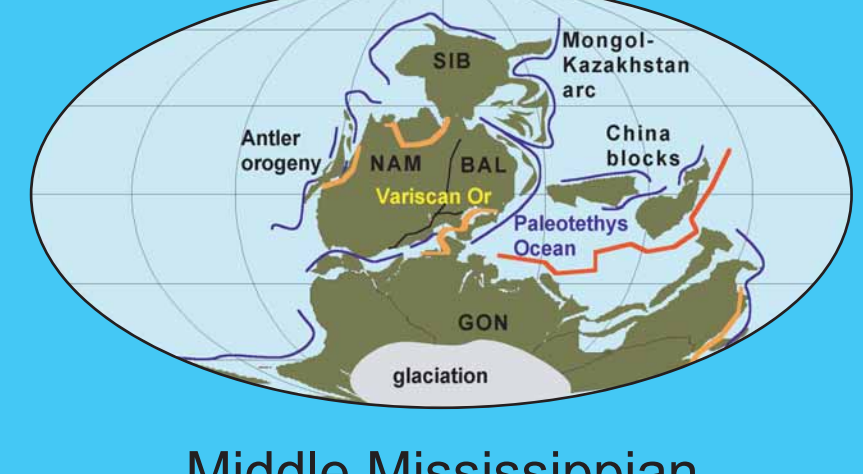
Early Cretaceous



Late Triassic



Middle Permian



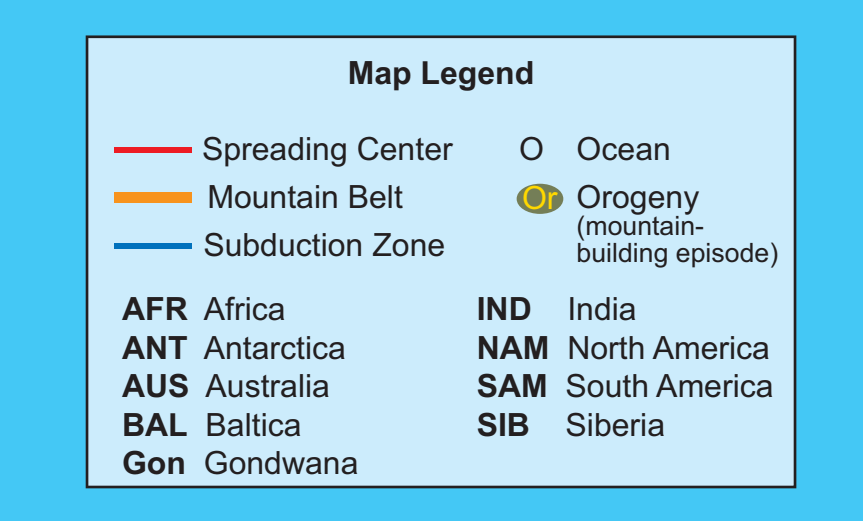
Middle Mississippian



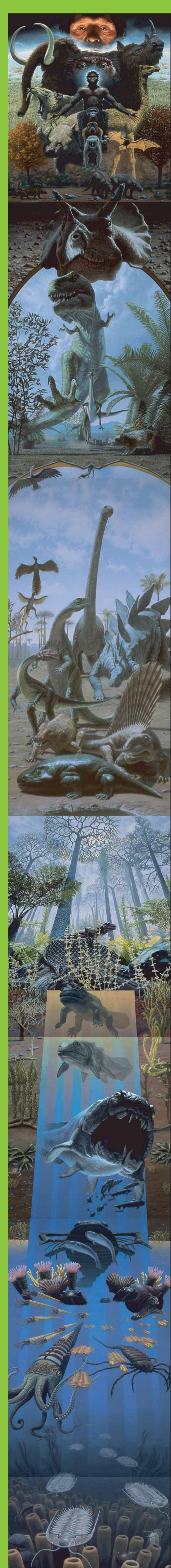
Early Middle Devonian



Middle Ordovician



## Earth History



International divisions of geologic time (eras, periods, epochs, stages) are standardized by the International Commission on Stratigraphy (ICS, www.stratigraphy.org). The color scheme of the Commission for the Geological Map of the World is shown for these divisions, and their numerical ages are from "A Geologic Time Scale 2004" (Gradstein et al., Cambridge University Press). Paleogeographic maps were provided courtesy of Ron Blakey with plate positions modified from Chris Scotese. The evolution of life is modified from John Church's painting "Tower of Time" (© Smithsonian Institution). This chart was compiled and drafted by Gabi Ogg and Bruce Wardlaw. \*The status of the Quaternary is not yet decided. Its base may be assigned as the base of the Gelasian and extend the base of the Pleistocene to 2.6 Ma.