

Modern = Recent = Late Pleistocene = Holocene

younger

Phanerozoic Eon

abundant life

Older Rocks

Cenozoic <i>= Tertiary</i>	Neogene	Pleistocene	2.4 Ma		
		Pliocene			
		Miocene			
	Paleogene	Oligocene	23 Ma		
		Eocene			
		Paleocene			
Mesozoic	Cretaceous		66.5 Ma	chalk -- Champagne region	
	Jurassic	146 Ma			Jura Mountains
	Triassic	202 Ma			
Paleozoic	Permian	299 Ma	251 Ma		
	Carboniferous	359 Ma			Coal bearing rocks
	Devonian	415 Ma			
	Silurian	444 Ma			
	Ordovician	488 Ma			System = a time boundary
	Cambrian				
Proterozoic			542 Ma	← abundant multi-cellular animals without shells	
		2.5 Ga			
Archean		3.8 Ga			
Hadean					
		approx. 4.5 Ga			

molten crust

Ma = Mega Anna = millions of years

GA = Giga Anna = billions of years