

# GEOLOGICAL TIME SCALE

Chronostratigraphic Chart of Earth's History

<b>Phanerozoic</b>	<b>Cenozoic</b>	Quaternary	2.6 – 0	Evolution of Homo sapiens; Repeated glaciations (Ice Ages); Rise of civilization.
	<b>Mesozoic</b>	Cretaceous	145 – 66	First flowering plants; Peak of dinosaurs; K-Pg mass extinction event.
	<b>Paleozoic</b>	Cambrian	541 – 485	"Cambrian Explosion" of marine life; First trilobites and chordates.
<b>Proterozoic</b>	<b>Neoproterozoic</b>	Ediacaran	635 – 541	First multi-cellular soft-bodied organisms; Oxygen levels rise significantly.
<b>Archean</b>	<b>Neoarchean</b>	-	2800 – 2500	Stabilization of cratons; Oxygenic photosynthesis begins by cyanobacteria.
<b>Hadean</b>	-	-	4600 – 4000	Formation of Earth and Moon; Earth cools from molten state; First oceans.

MYA = Millions of Years Ago. Data based on International Commission on Stratigraphy standards.