



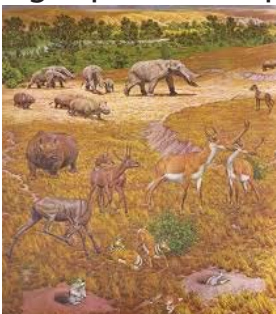









Prehistory Timeline Figures. MYA stands for Million Years Ago

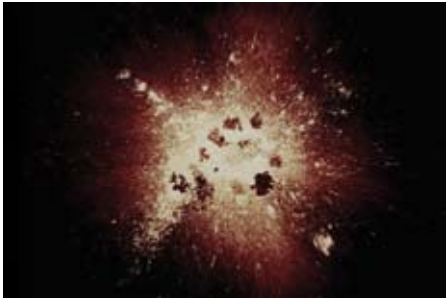
<p>3.8-2.5 BYA Archean Era, Life occurs</p> 	<p>850-635 MYA Cryogenian Period, Ball of ice</p> 	<p>635-545 MYA Ediacaran Period, soft-bodied animals</p> 
<p>545-495 MYA Cambrian Period, varied sea life</p> 	<p>495-443 MYA Ordovician Period, sea and beach life</p> 	<p>443-417 MYA Silurian Period, bony fish, reef and wetland ecosystems</p> 
<p>417-354 MYA Devonian Period, age of fishes</p> 	<p>354-290 MYA Carboniferous Period, lush forests and plants</p> 	<p>290-248 MYA Permian Period, Pangea occurs</p> 
<p>248-205 MYA Triassic Period, mammals and dinosaurs</p> 	<p>205-142 MYA Jurassic Period, birds and dinosaurs</p> 	<p>142- 65 MYA Cretaceous Period, dinosaur mass extinction</p> 

Prehistory Timeline Figures. MYA stands for Million Years Ago

<p>65 -54.8 MYA Palaeocene Epoch, rise of whales, mammals and birds</p> 	<p>54.8 - 33.7 MYA Eocene Epoch, Forests and grasses flourish</p> 	<p>33.7 - 23.8 MYA Oligocene Epoch, grasslands expand</p> 
<p>23.8 - 5.3 MYA Miocene Epoch, Age of the apes</p> 	<p>5.3 - 2.6 MYA Pliocene Epoch, human lineage splits from apes</p> 	<p>2.6 MYA - 11.7 TYA Pleistocene Epoch, age of glaciers and humans</p> 
<p>11.7 thousand - present Holocene Epoch, glaciers recede, humans affect landscape</p> 	<p>443 MYA Ordovician-Silurian Mass Extinction, trilobites, brachiopods, and graptolites die off.</p> 	<p>359 MYA Late Devonian Mass Extinction 75% of life dies off</p> 
<p>248 MYA Permian Mass Extinction The Great Dying, 96% die-off</p> 	<p>200 MYA Triassic-Jurassic Mass Extinction Mostly animal die-off</p> 	<p>65 MYA Cretaceous-Tertiary Mass Extinction, death of dinosaurs</p> 

Prehistory Timeline Figures. MYA stands for Million Years Ago

13.7 Billion years ago
Big Bang occurs

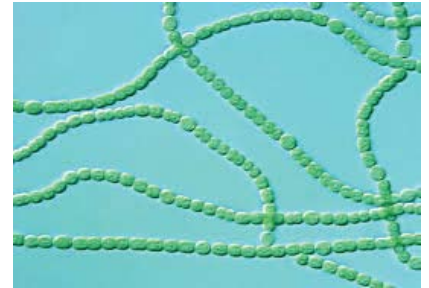


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4.5 Billion B.C.E.
Earth formed



3 Billion B.C.E.
First sign of life (algae)

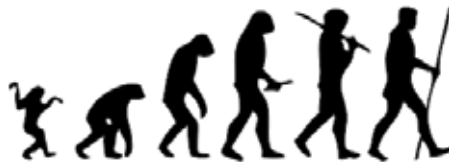


James Golden, Argon National Laboratory

3.7 Billion years old
Oldest fossils discovered



4.4 million B.C.E.
Earliest known hominid
fossils, *Ardipithecus ramidus*



1.7 million B.C.E.
Homo erectus leaves Africa



70-65 MYA
Tyrannosaurus rex



68-66 MYA
Triceratops



155-150 MYA
Stegosaurus



250-90 MYA
Ichthyosaurus



100 million years ago
Xiphactinus



85-75 MYA
Pteranodon



Prehistory Timeline Figures. MYA stands for Million Years Ago

295–272 MYA

Dimetrodon, a pelycosaur, was a marine reptile, not a dinosaur.



Charles Robert Knight

42 MYA - 11,000 B.C.E.

Saber-toothed Cat



Charles Robert Knight

120,000-4,000 B.C.E.

Woolly Mammoth



488-444 MYA

Trilobite Ordovicien



205-142 MYA

Liopleurodon, marine predator



28-1.5 MYA

Megalodon: a shark longer than a schoolbus.



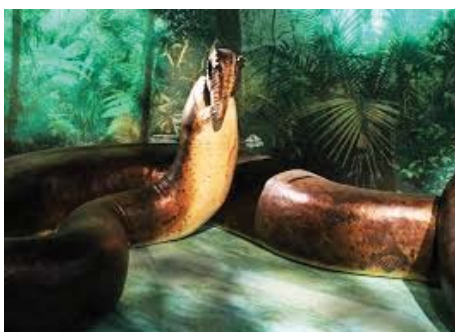
60 MYA

Carbonemys



60-58 MYA

Titanoboa: a snake 40 feet long, discovered in a Columbian coal mine.



412 MYA

Jaekelopterus, a crocodile sized sea scorpion.



99 MYA

Scientist discovered dinosaur feathers in a piece of amber like this



508 MYA

Hallucigenia, a lobopodian worm



2.5 MYA - 10,000 B.C.E.

Giant ground sloths



Prehistory Timeline Figures. MYA stands for Million Years Ago

100-91 MYA

Clayton Lake State Park, dinosaur footprints found in sandstone



160 MYA

Excavation of Spinophorosaurus dinosaur



165 MYA

Mongolarachne spider fossils found in Inner Mongolia, China



125 MYA

Sinornithosaurus millennii, venomous feathered dinosaur



40,000 B.C.E.

Lyuba, the baby mammoth mummy found frozen in Siberian ice



112 MYA

Sarcosuchus, "Super Croc"



125 MYA

Zhenyuanlong, a winged dinosaur, flightless, relative of raptor



77 MYA

Sauromnitholestes, a raptor found in North America, digging for prey



75 MYA

Chasmosaurus, complete ceratopsid skeleton found at Alberta's Red Deer River, Canada



50 MYA

Amphistium: flatfish



201-66 MYA

Ammonite fossil












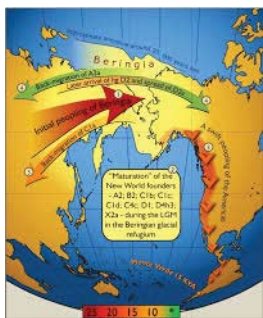


50 MYA

Eocene plant in amber



Prehistory Timeline Figures. MYA stands for Million Years Ago

<p>5.8-5.2 Million B.C.E. Ardipithecus ramidus</p> 	<p>4.2 Million B.C.E. Australopithecus anamensis</p> 	<p>3.2 Million B.C.E. Australopithecus afarensis, "Lucy"</p> 
<p>2.7 Million B.C.E. Paranthropus boisei</p> 	<p>2.5 Million B.C.E. Homo habilis: Skillful Man</p> 	<p>1.8 Million B.C.E. Homo erectus: Upright Man</p> 
<p>600,000 B.C.E. Homo Heidelbergensis - Similar brain capacity to modern humans</p> 	<p>230,000 B.C.E. Neanderthal man (use of fire and advanced tools).</p> 	<p>100,000 B.C.E. First modern Homo sapiens in South Africa</p> 
<p>35,000 B.C.E. Cro-magnon Homo sapiens replaces Neanderthals</p> 	<p>18,000 B.C.E. Stone age ends (Cro-Magnon) Bronze age begins</p> 	<p>15,000 B.C.E. Migrations across the Bering Straits: Beringia</p> 

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