

Mesozoic & Palaeozoic Eras

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⇒ This Era has been majorly divided into 3 periods as follows -

- (i) Triassic period.
 - (ii) Jurassic period.
 - (iii) Cretaceous period.
- } 3 classification of this Era

⇒ This Era (Mesozoic Era) is called Colden age of many Species.

⇒ Jurassic period = (180M to 135m)

⇒ This Era has been initiated as described by the Scientists around 180 million years ago and from it continued upto 135 million years ago

⇒ Climatic Conditions → It was properly mild, warm, humid & faced plenty rain falls. Heavy deposition of Shells and Sandstones occured in western part of American Continent.

JURASSIC	LATE	- Tithonian
		- Kimmeridgian
		- Oxfordian
	MIDDLE	- Callovian
		- Bathonian
		- Bajocian
		- Aalenian
	EARLY	- Toarcian
		- Pliensbachian
		- Sinemurian
	- Hettangian	

→ The Evidence of Dinosaurs are found in this age

→ Some new are made during this age by volcanic eruption eg = Mexico to Alaska (USA)

Fauna ⇒ Modern Oyster got appeared.

→ Many new Coral Islands & reefs appeared during this age.

→ Many Pterodactyls got modified in their wings as well.

⇒ Triassic period

- ↳ This period is popularly known for the appearance of marked difference in the population of Vertebrates.
- we found that the climate of this time was little as warm, temperate and dry over maximum our planet Earth, we also found some little changes in Appalachian Peaks, as they went under great Erosion, → due to this effect we saw Elevation in land & depletion forming many new landforms on our Earth.
- Overall the situation was very dry during this period.

Fauna → Molluscs got appeared in many new varieties.

- Coral reefs got appeared
- Insects and Sea-urchins got diversified and got spreaded from its initial origin places.

⇒ Cretaceous period

↳ This marked the last phase of the Mesozoic Era on the Earth.

- Many species witnessed rise & fall of their own.
- Diplodocus was the longest herbivorous dinosaur of this Era.
- Tyrannosaurus from the Cretaceous phase was the largest bipedal carnivore of that time.
- Also - due to Colder Environment, we saw fall of the dinosaurs in this period.

Fauna → Molluscs were continuously getting evolved in this

- Some new variety of fishes got evolved
- Brachiopods were almost got abundant in their present numbers