

COENOZOIC (Age of mammals)

TERTIARY (Orogeny and climate)

1	2	3	4	5	6	7	8	9
	CRETACEOUS		60	185	* Birth of modern reptiles * development of climatic diversity	Rise of flowering plant species - monocotyledons * decrease of gymnosperm	Dinosaurs reached in peak * toothed bird-extinct * beginning of teleosts teleost fishes and modern birds * archaic mammals common.	
		Paleocene	17	76	Develop of climate belts	Modernization of Angiosperm	Evolutionary explosion of mammals (ancient)	
		Eocene	19	58	Zoned climatic belt well established	Extension of angiosperm	Placental mammals diversified and specialized	
		Oligocene	11	39	Land uses * climate warmer	Worldwide tropical forest * rise of monocots & flowering plants	Arctic animals extinct, * appearance of modern mammals (esp - Apes)	
		Miocene	16	28	Cooling of climate	Development of Grasses * Reduction of forest	Mammals are at max ^m of evolution	
		Pliocene	11	12	* Cool and temperate climate away * Continuation of North America	Decline of forest, * Spread of herbs and grassland	Abundant mammals * Ape like man appeared * elephant, camel and horses like almost modern model	

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QUATERNARY		Pleistocene	1	1	Periodic Continental glaciation [ice age / inter-glacial] in the north	Rise of herbs, rise of woody plants	Human apt ness, extinction of many large mammals
		Recent		0.025	End of last ice age, climate warmer, climatic zones distinct	Dominance of Herbs	Age of man, development of Human culture