Geologic Time Periods and Mass Extinction Events

Timescale	Years	Supereon	Eon	Era	Period	Epoch	Extinction event (Traditional "major 5" noted)	Species lost
x 100 million years ago	45	Precambrian	Hadean					
	43							
	41							
	39							
	37		Archean	Eo-				
	35			Paleo-				
	33							
	31			Meso-				
	29							
	27			Neo-				
	25							
	23		Prtoerozoic	Paleo-	Siderian			
	21				Rhyacian			
	19				Orosirian			
	17				Statherian			
	15			Meso-	Calymmian			
	13				Ectasian			
	11				Stenian			
	9			Neo-	Tonian			
	7				Cryogenian			
	5				Ediacaran			
x 10 million years	54		Phanerozoic	Paleozoic	Cambrian			
	52							
	50						**Cambrian–Ordovician extinction events (488 million years)**	**20%**
	48				Ordovician			
	46						**Ordovician–Silurian extinction events (450 million years) - 1**	**49%**
	44				Silurian			
	42				Devonian			
	40							
	38						**Late Devonian extinction (364 million years) - 2**	**50%**
	36							
	34				Carbon-iferous			
	32							
	30							
	28				Permian			
	26						**Permian–Triassic extinction event (251.4 million years) - 3**	**90%**
	24		Mesozoic		Triassic			
	22							
	20						**Triassic–Jurassic extinction event (199.6 million years) - 4**	**50%**
	18				Jurassic			
	16							
	14							
	12				Cretaceous			
	10							
	8						**K-T extinction event (65.5 million years) - 5**	**30%**
x 1 million yeas ago	65		Cenozoic	Paleogene		Paleocene		
	62							
	59							
	56							
	53					Eocene		
	50							
	47							
	44							
	41							
	38							
	35							
	32					Oligocene		
	29							
	26							
	23							
	20			Neogene		Miocene		
	17							
	14							
	11							
	8							
	5					Pliocene		
	2					Pleistocene		
	0					Holocene	**Holocene extinction event**	**20,000 - 2,000,000**