

GEOLOGIC TIME SCALE

PHANEROZOIC													EON																
CENOZOIC				MESOZOIC				PALEOZOIC					ERA																
PERIOD	EPOCH / STAGE		Age Ma	PERIOD	EPOCH / STAGE		Age Ma	PERIOD	EPOCH / STAGE		Age Ma	PRECAMBRIAN																	
QUATERNARY	Holocene	Calabrian	0.01	CRETACEOUS	Maastrichtian		65.0 ± 2	PERMIAN	Longtanian	Changxingian	251 ± 0.4	HADRYNIAN (late)	Neoproterozoic	Ediacaran	543.9 ± 1.0														
Pleistocene	Piacenzian		1.64		Campanian		74.0 ± 3		L	Wordian	Capitanian			253 ± 2	HELIKIAN (middle)	Mesoproterozoic	Varangian	565											
NEOGENE	Pliocene	E	Zanclian		3.40 ± 1.35	L	Santonian		83 ± 4	E	Roadian			256 ± 5			Stenian	Paleoproterozoic	Tonian	605									
		Messinian	5.2 ± 1.5		Turonian		86.6 ± 3		L		Artinskian			264 ± 2					Ectasian	Calymmian	850								
		Miocene	L		Tortonian		6.7 ± 2.3				Cenomanian			88.5 ± 2							E	Sakmarian	269 ± 7	Orosirian	Rhyacian	1000			
			M		Serravallian		10.4 ± 1.5				Turonian			90.4 ± 2								E	Artinskian			280 ± 4	Siderian	Neoarchaeon (late)	1200
			M		Langhian		14.2 ± 1.8				Cenomanian			97.0 ± 2									E			Artinskian			280 ± 4
	E		Burdigalian		16.3 ± 1	Albian	112 ± 2			E	Artinskian			280 ± 4			Neoarchaeon (early)	Eoarchaeon (earliest)								1600			
	E		Aquitanian		21.5 ± 1.8	Albian	112 ± 2		E		Artinskian			280 ± 4					Neoarchaeon (early)	Eoarchaeon (earliest)						1800			
	PALEOGENE	Oligocene	L		Chattian	23.3 ± 1	Albian				112 ± 2			E							Artinskian			280 ± 4	Neoarchaeon (early)	Eoarchaeon (earliest)			2050
			E		Rupelian	29.3 ± 1.5	Aptian	124.5 ± 13			E	Artinskian	280 ± 4								Neoarchaeon (early)	Eoarchaeon (earliest)		2300					
			L		Priabonian	35.4 ± 1.4	Aptian	124.5 ± 13				E	Artinskian		280 ± 4	Neoarchaeon (early)							Eoarchaeon (earliest)	2500					
M			Bartonian		38.6 ± 1.5	Aptian	124.5 ± 13	E		Artinskian			280 ± 4		Neoarchaeon (early)		Eoarchaeon (earliest)	2800											
E			Ypresian		42.1 ± 1.8	Aptian	124.5 ± 13		E	Artinskian			280 ± 4					Neoarchaeon (early)	Eoarchaeon (earliest)	3200									
E		Danian	50 ± 1.5		Aptian	124.5 ± 13	E			Artinskian			280 ± 4	Neoarchaeon (early)						Eoarchaeon (earliest)				3600					
Paleocene		L	Thanetian		56.5 ± 1.4	Aptian				124.5 ± 13	E		Artinskian								280 ± 4	Neoarchaeon (early)		Eoarchaeon (earliest)	~4500 Ma				
		E	Danian		60.5 ± 2.3	Aptian				124.5 ± 13		E	Artinskian			280 ± 4					Neoarchaeon (early)		Eoarchaeon (earliest)		~4500 Ma				
		E	Danian		65 ± 2	Aptian		124.5 ± 13		E			Artinskian		280 ± 4	Neoarchaeon (early)	Eoarchaeon (earliest)								~4500 Ma				
		E	Danian		65 ± 2	Aptian		124.5 ± 13	E				Artinskian		280 ± 4			Neoarchaeon (early)	Eoarchaeon (earliest)						~4500 Ma				
	E	Danian	65 ± 2		Aptian	124.5 ± 13	E	Artinskian					280 ± 4	Neoarchaeon (early)	Eoarchaeon (earliest)					~4500 Ma									
E	Danian	65 ± 2	Aptian		124.5 ± 13	E		Artinskian			280 ± 4		Neoarchaeon (early)							Eoarchaeon (earliest)		~4500 Ma							

- 1) W.B. Harland et al., 1990 - Phanerozoic
- 2) Lumbers & Card (Geology, Vol. 20, 1991) - PreCamb.
- 3) R.D. Tucker & W.S. McKerrow, 1995 - Ord.-Sil.
- 4) R.D. Tucker et al. 1998 - Devonian
- 5) Palfy et al., 1998 - Jurassic
- 6) S.A. Bowring & D.H. Erwin, 1998 - Permo-Triassic