

New Zealand Miocene timescale calibrated to GTS2012

Age (Ma)	GPTS	Global geochronological scale		New Zealand			
				Series	Stage	Age (Ma)	Boundary event
5	C3n	Miocene	Pliocene	W.	Opoitian	5.15	△ B <i>Globoconella puncticulata</i> s.s.
	C3r					5.58	△ B <i>Globoconella sphericomiozea</i> s.s.
6	C3An ¹ⁿ 2n				Kapitean (Tk)		
	C3Ar						
7	C3Br ¹ⁿ 2n				Taranaki	6.96	△ B <i>Globoconella conomiozea</i> s.s.
	C4n ^{1r} 2n						
8	C4r ¹ⁿ 2r						
9	C4An ^{1r} 2r				Tongaporutuan (Tt)	8.96	▽ T <i>Globoquadrina dehiscens</i>
	C4Ar ¹ⁿ 2r						
10	C5n ^{1r} 2n						
11	C5r ¹ⁿ 2n	Miocene	late	Southland	(upper)	11.04	△ Base Kaiti coiling zone (KCZ) dextral <i>Globoconella miotumida</i>
	C5An ¹ⁿ 2n					11.67	△ (B <i>Bolboforma subfragoris</i> s.l.)
12	C5Ar ¹ⁿ 2n				Waiauian (Sw)		
	C5ABn ¹ⁿ 2n						
13	C5ABr ¹ⁿ 2n				(upper)	12.98	▽ T <i>Globoconella conica</i>
	C5ADn ¹ⁿ 2n						
14	C5ABn ¹ⁿ 2n				Lillburnian (Sl)	13.80	▽ T <i>Fohsella peripheroronda</i>
	C5ACn ¹ⁿ 2n						
15	C5ADn ¹ⁿ 2n				Langhian	15.10	△ B <i>Orbulina suturalis</i>
	C5Br ¹ⁿ 2n						
16	C5Cr ¹ⁿ 2n	Miocene	middle	Pareora	Clifdenian (Sc)	16.02	△ (B <i>Praeorbulina curva</i>) Gc. miozea coiling shift top 20% dextral
	C5Dn ¹ⁿ 2n					16.70	△ B <i>Globoconella miozea</i>
17	C5Dr ¹ⁿ 2n				Altonian (Pl)	17.26	△ B <i>Globoconella zealandica</i>
	C5En ¹ⁿ 2n						
18	C5Er ¹ⁿ 2n				(lower)	18.26	△ B <i>Globoconella praescitula</i>
	C6n ¹ⁿ 2n						
19	C6r ¹ⁿ 2n				Otaian (Po)		
	C6An ^{1r} 2n						
20	C6Ar ^{1r} 2n				Aquitanian	20.44	
	C6Br ^{1r} 2n						
21	C6ABn ^{1r} 2n	Miocene	early	Pareora	(upper)	21.7	△ B <i>Ehrenbergina marwicki</i> group
	C6AAr ^{1r} 2n						
22	C6ABn ^{1r} 2n				(middle)		
	C6ABr ^{1r} 2n						
23	C6An ^{1r} 2n				(lower)		
	C6Ar ^{1r} 2n						
24	C6Br ^{1r} 2n				Waitakian (Lw)		
	C6ABn ^{1r} 2n						
25	C6ABr ^{1r} 2n						
26	C6An ^{1r} 2n	Oligocene	early	Landon	(upper)		
	C6Ar ^{1r} 2n						
27	C6Br ^{1r} 2n				(middle)		
	C6ABn ^{1r} 2n						
28	C6ABr ^{1r} 2n				(lower)		
	C6An ^{1r} 2n						
29	C6Ar ^{1r} 2n				Aquitanian		
	C6Br ^{1r} 2n						
30	C6ABn ^{1r} 2n				(upper)		
	C6ABr ^{1r} 2n						