

Ma	Epoch/Age	NZ series/stages	Polarity chron	Diatoms (Ma)	Radiolarians (Ma)	Dinoflagellates (Ma)	Tropical-Subtrop.	Planktonic foraminifers	Age	
								Austral temperate zones (New Zealand ages)		
0	Holocene	Wairarapa	Wairarapa	<i>T. lentiginosa</i> → <i>R. leventerae</i> (0.14) → <i>H. karstenii</i> (0.2)	Omega		PT1b		0	
1	Pleistocene	Castellian	Castellian	<i>A. ingens</i> → <i>A. ingens</i> and <i>R. harwoodii</i> (0.6) → <i>T. elliptipora</i> (0.7) → <i>T. fasciculata</i> (0.9)	Psi	→ <i>Stylatractus universus</i> 0.43 → <i>Antarctissa cylindrica</i> 0.64 → <i>Pterocanium charybdeum trilobum</i> 0.86	SN14	<i>Truncorotalia truncatulinoides</i>	1	
2	Pleistocene	Wairarapa	Wairarapa	<i>F. kerguelensis</i> → <i>F. baronii</i> (1.3) → <i>F. rhombica</i> and <i>F. separanda</i> (1.4) → <i>R. antarctica</i> (1.5)	Chi	U	PT1a			
2.6	Pleistocene	Wairarapa	Wairarapa	<i>T. kolbei</i> , <i>T. torokina</i> and <i>F. boharyi</i> (1.9) → <i>A. fasciculatus</i> (2.0) → <i>F. matuyamae</i> and <i>A. karstenii</i> (2.1) → <i>T. vulnifica</i> → <i>T. complicata</i> and <i>F. weaveri</i> (2.5) → <i>A. fasciculatus</i> (2.7) → <i>A. macculumii</i> (2.8) → <i>T. striata</i> (2.9) → <i>R. antarctica</i> (3) and <i>R. heteropolara</i> (3)	Phi	L	→ <i>Cycladophora pliconica</i> 1.81 → <i>Pterocapsa antarctica</i> 1.88 → <i>Eucyrtidium calvertense</i> 1.92	PL6 (Pac.)	→ <i>Zeaglobigerina woodi</i> → <i>Truncorotalia truncatulinoides</i>	2
3	Pleistocene	Wairarapa	Wairarapa	<i>F. interfrigidaria</i> → <i>F. weaveri</i> (3.5) and <i>T. insigna</i> (3.4) → <i>R. harwoodii</i> (3.6) → <i>F. interfrigidaria</i> (3.8) and <i>N. wisei</i> (3.8)	Upsilon	U	→ <i>Operculodinium ? eirikianum</i> 2.34 → <i>Invertocysta tabulata</i> 2.55 → <i>Corrudinium harlandii</i> 2.65	PL5 (Pac.)	→ <i>Globoconella inflata</i>	3
4	Pleistocene	Wairarapa	Wairarapa	<i>T. inura</i> → <i>R. costata</i> (4.7) and <i>R. heteropolara</i> (4.7) → <i>T. inura</i> (FAAD 4.85) → <i>T. oliverana</i> var. <i>sparsa</i> (4.9) → <i>R. antarctica</i> (5.0) → <i>F. praerinterfrigidaria</i> (5.3) → <i>H. triangularis</i> (5.4) → <i>S. oestrupii</i> (5.5) and <i>T. inura</i> (5.5) → <i>A. concavus</i> (5.5)	Tau	L	→ <i>Prunopyte titan</i> 3.48 → <i>Lampromitra coronata</i> ca 3.72	PL4 (Pac.)	→ <i>Globoconella conomiozeae</i> s.l. → <i>Globoconella plicosea</i> s.s. → <i>Truncorotalia juaui</i>	4
5.3	Pleistocene	Wairarapa	Wairarapa	<i>T. miocenica</i> → <i>N. mirabilis</i> (6.0)		U	→ <i>Helotholus vema</i> 4.59 → <i>LCO Lychonocanium grande</i> ca 5.90	PL1 (Pac.)	→ <i>Globoconella puncticulata</i>	5
6	Miocene	Kaitian	Kaitian	<i>T. miocenica</i> (6.4) → <i>A. ingens ovalis</i> and LAAD D. simonsenii (6.5)	Amphymenium challengeerae		SN11	<i>G. plicosea</i> → <i>Globoconella sphaericoidea</i> s.s. → <i>Globoconella plicosea</i>	6	
7	Miocene	Kaitian	Kaitian	<i>T. oliverana</i> (6.5-7.5)	Amphymenium challengeerae		SN10	<i>Globoconella conomiozeae</i> → <i>Globoconella conomiozeae</i> s.s. → <i>Globoconella miotumida</i> s.s.	7	
8	Miocene	Kaitian	Kaitian	<i>Fr. reinholdii</i> → <i>T. mahoodi</i> and <i>N. pseudokerguelensis</i> (7.7) → <i>F. clementia</i> (7.8) → <i>D. crassa</i> and <i>L. minisculum</i> (8)	Acrosphaera ? labrata		M13b	→ <i>Labyrinthodinium truncatum</i> 7.50 → <i>Corrudinium harlandii</i> 8.00	8	
9	Miocene	Kaitian	Kaitian	<i>Fr. reinholdii</i> (8.5) → <i>A. ingens ovalis</i> → <i>A. ingens sparsa</i> (8.6) → <i>A. ingens ovalis</i> (8.7) → <i>T. torokina</i> → <i>T. torokina</i> (9-9.5)	Siphonospaera vesuvius		SN9	<i>Globoconella miotumida</i> → <i>Globoquadrina dehiscens</i>	9	
10	Miocene	Kaitian	Kaitian	<i>A. kennettii</i> → <i>H. cuneiformis</i> and <i>L. minisculum</i> (10) → <i>A. kennettii</i> (10.3)	Acrosphaera australis		M13a	→ <i>Palaeocystodinium golzowense</i> 8.80	10	
11	Miocene	Kaitian	Kaitian	<i>D. hustedtii</i> → <i>D. dimorpha</i> (LAAD 10.7; LAD 10.6)		U	M12	→ <i>Paragloboborotalia continosa</i> → <i>Hirsutella panda</i> → <i>Neogloboquadrina pachyderma incompta</i> → <i>Paragloboborotalia mayeri</i>	11	
12	Miocene	Kaitian	Kaitian	<i>D. dimorpha</i> → <i>D. praedimorpha</i> (11.2) → <i>Nitzschia denticuloides</i> (11.7)	Cycladophora spongothorax	L	M11		12	