

New Zealand datapack of biostratigraphy and regional stratigraphy -- current contents (Dec, 2009)									
<i>NOTE: This datapack is developed in conjunction with the New Zealand GNS (their geological survey). Contents are undergoing modification and enhancement.</i>									
<i>Updated and corrected versions will be posted through 2010-2011; and the Transect suites will eventually cover the entire region</i>									
NZ Chronostratigraphy					New Zealand Geological Timescale (Cooper et al., 2004), but Ordov-Camb ages made consistent with same-name Australian stages.				
				NZ Epoch	<i>Colors are official ones of GNS for NZ stages and epochs. Using "mouse-over", click on stages to get official definitions.</i>				
				NZ Stage	<i>Colors are official ones of GNS for NZ stages and epochs. Using "mouse-over", click on stages to get official definitions.</i>				
				NZ Substage					
				NZ abbrev.					
Oxy-18 Marine Isotope Stages (to 1.4 Warm MIS peaks)									
NZ Microfossils (Cenozoic)					New Zealand Geological Timescale (Cooper et al., 2004)				
				Planktonic Foraminifers (New Zealand)					
				Planktonic Foram Coiling Zone (Mid-Miocene; NZ)					
				PCZ coiling subzone (NZ)					
				NZ Foram Zone					
				NZ Foram Subzone					
				NZ Planktonic Foraminifer datums					
				NZ Planktonic Foram Ranges					
				Benthic Foraminifers (New Zealand)					
				Benthic Foraminifer datums (New Zealand)					
				NZ Benthic Foram Ranges or Events					
				Bolboformid Benthic Foram datums					
				Bolboformid Benthic Foraminifer Ranges (Miocene)					
				Bolboforma subzone					
				Nannofossils (New Zealand)					
				NZ Nanno Zone					
				NZ Nannofossil datums					
				NZ Nanno Ranges					
				Radiolarians (New Zealand)					
				NZ Rad Zone					
				NZ Radiolarian datums (Paleogene)					
				NZ Radiolarian ranges (Paleogene)					

New Zealand datapack of biostratigraphy and regional stratigraphy -- current contents (Dec, 2009)				
New Zealand Palynology			New Zealand Geological Timescale (Cooper et al., 2004)	
	Pollen and Spores (New Zealand)		Using "mouse-over", click on datums to access GNS pollen-spore image database.	
	Climate Stages (Middle-Late Pleistocene)		Suggate 1990; Pillans 1991	
	Pollen zones -- High-resolution Late Pleistocene		Mildenhall 1994, 1995	
	Pollen zones -- High-resolution Middle-Late Pleistocene		Mildenhall 1994, 1995	
	Spore-Pollen zones (NZ)		Mildenhall and Pocknall, 1986, 1989; Nelson et al., 1988	
	Spore-Pollen subzones or alternate zones (NZ)		Mildenhall and Pocknall, 1986, 1989; Nelson et al., 1988	
	NZ Spore and Pollen datums			
	NZ pollen and spore ranges			
	Paleogene Miospore key events			
Other Miospores or Plant Macrofossils (New Zealand)				
	Cretaceous Miospores -- Other Taxa			
	Triassic Floral Zones (NZ)			
	Triassic Plant macrofossil datums (NZ)			
	Triassic Plant macrofossil ranges (NZ)			
Dinoflagellates (New Zealand; Jurassic-Paleogene)				
	Dinocyst zone (NZ)			
	Dinocyst subzone (NZ)			
	Dinoflagellate datums (New Zealand)			
	Dinoflagellate species ranges			
NZ Macrofossils and Other Fossil Groups			New Zealand Geological Timescale (Cooper et al., 2004)	
	Molluscs (Cenozoic, New Zealand)			
	NZ Mollusc datums (Cenozoic)			
	NZ Mollusc ranges (Cenozoic)			
	Bivalves (Mesozoic; New Zealand)			
	NZ Bivalve Zone			
	NZ Bivalve datums (Cret-Permian)			
	NZ Bivalve ranges (Cret-Permian)			
	Belemnites (New Zealand)			
	NZ Belemnite Zone			
	NZ Belemnite datums (Cret-Jur)			

New Zealand datapack of biostratigraphy and regional stratigraphy -- current contents (Dec, 2009)				
Taranaki Basin (Western Side)				King, P. R., Naish, T. R., Browne, G. H., Field, B. D. Edbrooke, S. W. (compilers) 1999. Cretaceous to Recent sedimentary patterns in New Zealand. Institute of Geological and Nuclear Sciences folio series 1, version 1999.1.
	Far south			<i>The southern extreme of W. Taranaki basin. In this column, left to right is south to north</i>
	Intermediate south			<i>The south-middle portion of W. Taranaki basin. In this column, left to right is south to north</i>
	Middle of south-north			<i>The middle portion of W. Taranaki basin. In this column, left to right is south to north</i>
	Intermediate north			<i>The north-middle portion of W. Taranaki basin. In this column, left to right is south to north</i>
	Far north			<i>The northern extreme of W. Taranaki basin. In this column, left to right is south to north</i>
Taranaki general stratigraphy				
	Taranaki wells			<i>Regional reference wells that have records of hydrocarbon occurrences</i>
	Taranaki hydrocarbons			
	Taranaki general lithostrat			
Lord Howe Rise and Queensland				
Lord Howe Rise -- DSDP suite				
	DSDP 207 208 hydrocarbons			
	DSDP 207 208			
	DSDP 206			
	DSDP 588 590 591 hydrocarbons			
	DSDP 588 590 591			
Challenger Plateau (DSDP 593)				
West Coast of New Caledonia				
Maryborough Basin/Gympie Block (Queensland)				
New Zealand Transects (partial)				Main source = King, P. R., Naish, T. R., Browne, G. H., Field, B. D. Edbrooke, S. W. (compilers) 1999. Cretaceous to Recent sedimentary patterns in New Zealand. Institute of Geological and Nuclear Sciences folio series 1, version 1999.1. NOTE: This version is being reviewed, edited and enhanced by GNS (as of Dec 2009), therefore should be considered provisional ONLY. Please contact us before using for any purposes.
Taranaki Transect Suite				
	Taranaki General Transect		<i>Drawn by Craig Jones (GNS)</i>	

New Zealand datapack of biostratigraphy and regional stratigraphy -- current contents (Dec, 2009)				
		East-West Set		
		Taranaki Basin E-W (southern-most) Transect Z		
		Kiwa-1	(reference well)	
		Taranaki Basin E-W transect Z-1 (west side)		
		Maui-2	(reference well)	
		Taranaki Basin E-W transect Z-2 (center)		
		Kapuni-13	(reference well)	
		Taranaki Basin E-W transect Z-3 (east side)		
		Puniwhakau-1	(reference well)	
		Taranaki Basin E-W (central) Transect Y		
		Tane-1	(reference well)	
		Taranaki Basin E-W transect Y-1 (west side)		
		Taimana-1	(reference well)	
		Taranaki Basin E-W transect Y-2 (center)		
		Okoki-1	(reference well)	
		Taranaki Basin E-W transect Y-3 (east side)		
		Araimu-1	(reference well)	
		Taranaki Basin E-W (northern-most) Transect X		
		Ariki-1	(reference well)	
		Taranaki Basin E-W transect X-1 (west side)		
		Tangaroa-1	(reference well)	
		Taranaki Basin E-W transect X-2 (center)		
		Mangaa-1	(reference well)	
		Taranaki Basin E-W transect X-3 (east side)		
		Te Ranga-1	(reference well)	
		North-South Set		
		Taranaki Basin N-S (most seaward) Transect U		
		Kongahu-1	(reference well)	
		Taranaki Basin N-S transect U-1 (southernmost side)		
		Cook-1	(reference well)	
		Taranaki Basin N-S transect U-2		
		Kiwa-1	(reference well)	[mirrored from west side of Z transect]
		Taranaki Basin N-S transect U-3 (center)		
		Tane-1	(reference well)	[mirrored from west side of Y transect]

New Zealand datapack of biostratigraphy and regional stratigraphy -- current contents (Dec, 2009)				
			Taranaki Basin N-S transect U-4	
			Ariki-1	(reference well) [mirrored from west side of X transect]
			Taranaki Basin N-S transect U-5 (northernmost side)	U-5 is same as (and mirror of) X-1
			Tangaroa-1	(reference well) same as X west-center
			Taranaki Basin N-S (intermediate) Transect V	
			Tapawera-1	(reference well)
			Taranaki Basin N-S transect V-1 (southernmost side)	
			Surville-1	(reference well)
			Taranaki Basin N-S transect V-2	
			Maui-2	(reference well) [mirrored from middle of Z transect]
			Taranaki Basin N-S transect V-3 (center)	
			Taimana-1	(reference well) [mirrored from middle of Y transect]
			Taranaki Basin N-S transect V-4	
			Tangaroa-1	(reference well) [copied from middle of X transect]
			Taranaki Basin N-S transect V-5 (northernmost side)	
			Tua Tua-1	(reference well) Note: This well is taken down through the center of the volcanic "plug".
			Taranaki Basin N-S (most landward) Transect W	
			Tahi-1	(reference well)
			Taranaki Basin N-S transect W-1 (southernmost side)	
			Toru-1	(reference well)
			Taranaki Basin N-S transect W-2	
			Kapuni-13	(reference well) [mirrored from east side of Z transect]
			Taranaki Basin N-S transect W-3 (center)	
			Okoki-1	(reference well) [mirrored from east side of Y transect]
			Taranaki Basin N-S transect W-4	
			Mangaa-1	(reference well) [mirrored from east side of X transect]
			Taranaki Basin N-S transect W-5 (northernmost side)	
			Tua Tua-1	(reference well) [also north end of V transect]
			East Coast Suite	: NZ (Eastern Margin) Transect 32 (South Island to North Island)
			Kaikoura Peninsula	(reference well)
			East Coast, NE corner of South Island, N-S transect 32A (southernmost side)	
			Deadman Stream	(reference well)
			East Coast, NE corner of South Island, N-S transect 32B (northernmost side)	

New Zealand datapack of biostratigraphy and regional stratigraphy -- current contents (Dec, 2009)					
			Long Point (NE corner of South Island)	(reference well)	
			East Coast, Cook Straight, N-S transect 32C		
			Te Kau Kau Point (SE corner of North Isl	(reference well)	
			East Coast, SE corner of North Island, N-S transect 32D (southernmost side)		
			Flat Point	(reference well)	
			East Coast, SE corner of North Island, N-S transect 32E		
			Te Mai Stream	(reference well)	
			East Coast, SE corner of North Island, N-S transect 32F		
			Angora Stream and Wainui River	(reference well)	
			East Coast, SE corner of North Island, N-S transect 32G		
			Mangarara Stream	(reference well)	
			East Coast, SE corner of North Island, N-S transect 32H (nothernmost side)		
			Opoutama-1	(reference well)	
			Northland Suite	:	NZ Northland N-S Transect 1 (North Cape)
			Mt Roskill	(reference well)	
			Northland N-S transect 1A (southern side)		
			Kamo	(reference well)	
			Northland N-S transect 1B (northern side)		
			North Cape	(reference well)	
			New Zealand Reconstructions		Images from Poster by King, P. R., Naish, T. R., Browne, G. H., Field, B. D. Edbrooke, S. W. (compilers) 1999. Cretaceous to Recent sedimentary patterns in New Zealand. Institute of Geological and Nuclear Sciences folio series 1, version 1999.1.