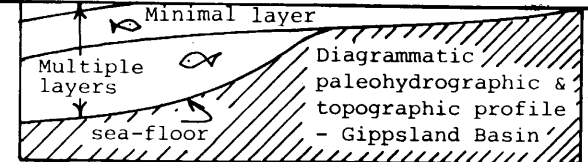


CONCEPTUAL GEOCHRONOLOGY				OBSERVED GIPPSLAND BIOSTRATIGRAPHIC SEQUENCES OF PLANKTONIC FORAMINIFERAL ASSEMBLAGES				
CORRELATION WITH PAN-TROPIC STANDARD		GIPPSLAND CHRONS		"MULTIPLE LAYER" ASSEMBLAGE ZONES		"MINIMAL LAYER" ASSEMBLAGE ZONES		
modified after:- Berggren & Van Couvering (1974) Van Couvering & Berggren (1977) Hardenbol & Berggren (1978)		Multiple layered	Minimal layered	S.L. 		S.L.		
M.Y.	EPOCHS	BLOW (1979) ZONES	boundary time slop	ASSEMBLAGE ZONE LETTER CODE	SUMMARY OF FAUNAL CHARACTERISTICS OF ASSEMBLAGES (Full characterisation in text)	ASSEMBLAGE ZONE LETTER CODE	SUMMARY OF FAUNAL CHARACTERISTICS OF ASSEMBLAGES (Full characterisation in text)	
		time interval probably unrepresented by assemblages						
1	PLEISTOCENE	N23 / N22	A-1 / A-2	A-1 / A-2	Modern sea-floor assemblage of eastern Gippsland with <i>Pulleniatina G'quad dutertrei</i> and <i>G'alia tosaensis/truncatulinoides</i>	A	Sea-floor assemblages of Gippsland continental shelf with <i>G'alia inflata</i> (S.S.) and <i>G'alia truncatulinoides</i>	
2	LATE/MID PLIOCENE	N21	A-3	A-3	<i>G'alia inflata</i> (SS)	A	<i>G'alia inflata</i> GROUP (S.L.) incl. ? <i>G'alia puncticulata</i>	
3								
4								
5	EARLY PLIOCENE	N20 / N19	A-4	A-4	<i>G'alia crassaformis</i> <i>G'alia puncticulata</i>			
6	LATE MIOCENE	N17 / N16	B-1	B-1	<i>G'alia miotumida conomiozea</i>	B	+XXXX Keeled <i>GLOBOROTALIA</i> spp.	
7								
8								
9			B-2	B-2	<i>G'alia languaensis</i> and <i>G'alia miotumida miotumida</i>			
10								
11	MID MIOCENE	N15 / N14	C	C	<i>G'alia acostaensis</i>	C	+XXXX <i>G'alia mayeri</i>	
12								
13								
14		N13 / N12 / N11 / N10	D-1	D-1	<i>G'ina nepenthes</i> and <i>G'alia scitula</i>	D	+XXXX <i>G'alia conica</i>	
15			D-2	D-2	<i>G'alia miotumida miotumida</i> <i>G'alia miozea miozea</i> and <i>G.praescitula G'alia praefoshi</i> <i>G'alia peripheroacuta</i> Specific diversity decline of <i>GLOBIGERINOIDES</i> spp.			
16		N9	E-1 / E-2	E-1 / E-2	<i>Orb. universa</i> ORBULINA DATUM-as <i>Orb.suturalis</i>	E-1 / E-2	+XXXX <i>G'oides bisphericus</i>	
17								
18		N8 / N7	F	F	PRAEORBULINA GLOMEROSA (see text)			
19								
20	EARLY MIOCENE	N6	G	G	Diversification <i>GLOBIGERINOIDES</i> ; with <i>G'OIDES BISPHERICUS</i> (see text)			
21		N5						
22					<i>G'alia miozea miozea</i>			
23					<i>GLOBIGERINOIDES TRILOBUS</i> GROUP-see text <i>G'alia kugleri</i>		+XXXX <i>G'oides trilobus</i> +XXXX <i>G'quad dehiscens</i> (S.S.)	
24		N4	H-1	H-1	<i>G'alia kugleri</i> & <i>G'quad dehiscens</i> (S.S.)	H	+XXXX <i>G'ina woodi woodi</i> +XXXX <i>G'alia opima opima</i>	
25			H-2	H-2	<i>G'ina woodi woodi</i> <i>G'alia opima opima</i>			
26		N3 (=P22)	I-1	I-1	<i>G'quad dehiscens</i> (S.L.)			
27	LATE MIOCENE	N2 (=P21)						
28					Planktonic assemblage not recognised		+XXXX <i>Guembeltria</i> or <i>G'alia testarugosa</i> and <i>G. extans</i>	
29	OLIGOCENE							
30					<i>G'ina angiporoides angiporoides</i>		+XXXX <i>G'alia opima opima</i> +XXXX <i>Chiloguembelina</i>	
31		N1 (=P20)	J					
32		?	J-1	J-1				
33							+XXXX <i>G'ina angiporoides angiporoides</i>	
34	EARLY OLIGOCENE	?			<i>G'ina brevis</i> & <i>G'alia gemma</i>			
35		P19						
36		P18	J-2	J-2			Planktonic assemblage not recognised	
37		P17						
38	LATE EOCENE	P16	K				+XXXX <i>G'theka</i> & <i>G'ina linaperta</i> +XXXX <i>G'ina brevis</i>	
39		P15			DISLOCATION of BIO-CHARACTER with DIRECT SUPER-POSITION of MULTIPLE-LAYER ASSEMBLAGES upon MINIMAL-LAYER ASSEMBLAGES in SOME OFFSHORE SECTIONS.		Planktonic assemblages nowhere recognised in Gippsland Basin.	
40								
41		P14			Pre-Oligocene multiple layers assemblages have not been recognised in the Gippsland Basin.		+XXXX <i>G'alia primitiva</i> , <i>G. renzi</i> <i>G. collactea</i> , <i>G'ina angiporoides minima</i>	
42								
43		P13	N					
44	MID EOCENE	P12						
45								
46		P11	O				+XXXX <i>G'theka index</i> +XXXX <i>G'ina frontosa</i> & <i>G'ina higginsii</i>	
47							+XXXX <i>G'alia centralis</i> <i>Plan.wilcoxensis</i> & <i>G'alia australiformis</i>	
48		P10	P					
49	EARLY EOCENE	p9					+XXXX <i>G'ina frontosa</i>	
50							BASE OF GIPPSLAND PLANKTONIC FORAM SEQUENCE	

SUMMARY PLANKTONIC FORAMINIFERAL BIOSTRATIGRAPHY - GIPPSLAND BASIN (Final draft to accompany M.S.)

DAVID TAYLOR

September, 1981.



HERMES-1: WELL COMPLETION REPORT B-5814 ENCLOSURE 2

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