

MACREREL - 4

o = 1-20 specimens

I = over 20 specimens

Sheet 1
of 4 sheets

depth side wall core	3250	3750	4250	4500	4750	5000	5300	5750	6250	6500	6750	7000	7250	7500	7740	8144
	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
PLANKTONICS																
1. <i>Orbulina universa</i>	I	I	I	I	I	I	I	I	.	.	.					
2. <i>Globigerina bulloides</i>	I	I	I			I										
3. <i>G. ? acostaensis</i>	.	I														
4. <i>G. woodi</i>	I	I	I	I		I	I	I	I	I	I	I	I	I	I	
5. <i>Globorotalia mayeri barisaensis</i>	I	I	I	.	I		I	I	I	I	I	I				
6. <i>Globigerina apertura</i>		I	I	I	I		I	I				I	I	I	I	
8. <i>Globorotalia peripheroacata</i>			I		I						?					
8. <i>G. miozea conoidea</i>				.		I	I	I								
9. <i>G. menardii</i>				.				I								
10. <i>G. miocenica</i>					I		I	I								
11. <i>Globigerinoides trilobus</i>							I	I	I	I	I	I	I			
12. <i>Orbulina suturalis</i>								I				.				
13. <i>Globoquadrina dehiscens</i>								I				I	.			
14. <i>Globorotalia lenguensis</i>								I								
15. <i>G. peripheroronda</i>									I	I	I	I	.			
16. <i>G. miozea miozea</i>									.	I	.	I				
17. <i>Globigerinoides bisphericus</i>											I	I	I			
18. <i>G. glomerorus circularis</i>											.					
19. <i>Globorotalia praemenardii</i>												I				
20. <i>Globoquadrina advena</i>													I		I	
21. <i>Globorotalia praescitula</i>													I			
22. <i>Globigerina praebulloides</i>														I	I	
23. <i>G. woodi connecta</i>														I		
24. <i>Globoquadrina praedeheiscens</i>														I	I	
25. <i>Globorotalia cf miozea</i>															I	
26. <i>Praegloquadrina primitiva</i>																.
27. <i>Globigerina linaperta</i>																I
side wall core	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ZONE	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-2	D-2	D-2	E-1	F	H-1	Π-2	early EOCENE
depth	3250	3750	4250	4500	4750	5000	5300	5750	6250	6500	6750	7000	7250	7500	7740	8144

PE990504

depth sidewall core	3250-	3750	4250	4500	4750	5000	5300	5750	6250	6500	6750	7000	7250	7500	7740	8144
	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
CALC. BENTHONICS I																
28. Astrononion sp. Carter	I															
29. Cibicides mediocris	.															
30. C. nonvozealandicus	.															
31. C. subhaidingeri	I															
32. Gyroidinoides zealandica	.	I											.			I
33. Oslangularia bengalensis	.															
34. Anomalina aotea	.															
35. Anomalinoides macroglabra			.													
36. Cibicides lobatulus (flat)				I												
37. Gyroidina sp.?			.													
38. Anomalinoides procolligera												I				
39. Cibicides sp.?												.				
40. 'Planulina' wullerstorfi													.			
41. Gyroidinoides tenera																
CALC. BENTHONICS II & III not present																
Calc. BENTHONICS IV																
42. Cassidulina carinata	I	I	I	I	I	I	I			I	I					
43. Sphaeroidina bulloides	I	I	I	I		I	I	I	I	I	I	I				
44. Pullenia sp.	.						.									
45. Chilostomella sp						I										
CALC. BENTHONICS V																
46. Siphouvigerina plebja		I														
47. Euvigerina pickii								I								
48. E. mioschwageri								I								
49. Bulimiha truncatulinella								I								
CALC. BENTHONICS VI																
50. Lenticulina spp.	I	I								I	I	I				I
51. Lagena spp.	I	I				I										I
52. Nodosaria spp	I		I		I		I					I	I			
53. Lenticulina mamilligera		I														
54. Guttulina prolema						.										
side wall core	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ZONE	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-2	D-2	D-2	E-1	F	H-1	H-2

depth	3250	3750	4250	4500	4750	5000	5300	5750	6250	6500	6750	7000	7250	7500	7740	8144
side wall core	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
CALC. BENTHONICS VII																
55. Sigmoilopsis sp.								I				I	I	I		
ARAGONITIC BENTHONICS																
not present																
ARENACEOUS BENTHONICS - PRIMITIVE																
56. Bathysiphon spp.		I											I	I	I	
57. Discammina compressa								I								
58. Brachisiphon corbiformis								I								
59. Haplophragmoides sp																
60. Ammodiscus sp. (smooth)																
ARENACEOUS BENTHONICS - COMPLEX																
61. Martinotiella communis								I								
62. Karerriella bradyi																
OTHER FOSSILS																
Sponge spicules	I	I														
smooth ostracodes			I													
? algae				I												
MINERALS																
fine grained calcite	I	I	I	I	I	I	I		I	I	I					
angular quartz																I
disseminated pyrite								I	I	I						
DIAGENETIC effects on plank. forams. apparent														X	X	
sidewall core	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ZONE	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-2	D-2	D-2	E-1	F	H-1	H-2	early EOCENE
depth	3250	3750	4250	4500	4750	5000	5300	5750	6250	6500	6750	7000	7250	7500	7740	8144

ZONE	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-1	D-2	D-2	D-2	E-1	F	H-1	H-2	early EOCENE
depth	3250	3750	4250	4500	4750	5000	5300	5750	6250	6500	6750	7000	7250	7500	7740	8144	
sidewall core	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENVIRONMENTAL ASSEMBLAGES	7/5 UPPER SLOPE CANYON FILL- ENERGY	7/5 High	5/4 UPPER SLOPE CANYON	5/4	4 UNSTABLE SLOPE ? CANYON FILL	4 LOWER SLOPE	4	4/?3 ? BASE OF SLOPE- STABLE LOW ENERGY	4 UNSTABLE CANYON @ BASE SLOPE HIGH ENERGY	4	4	4	3 CONTINENTAL RISE	3	3	3	10 lagoon or delta

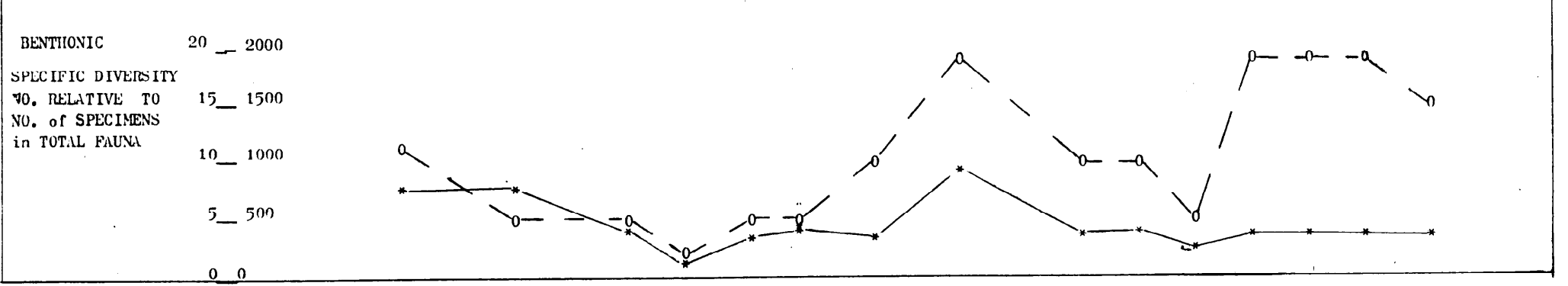
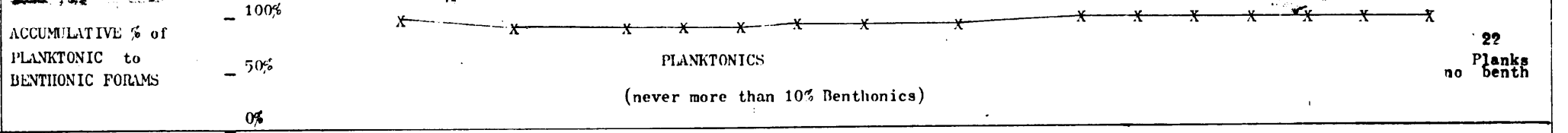
DIAGNOSTIC SPECIES IN ENVIRONMENTAL ANALYSIS	28	42	42	42	42	42	42	47	42	42	55	40	55	41			
PRESENT	33	displac-53 ed 56	46		45			55				45	56	56			
down slope displacement {	29	sponge spicules						57				55		61			
	31							58				56		62			

ABSENT

42 & minerals

42 & minerals

benthonic



—* benthonic specific diversity —o relative no. of specimens in total foram fauna