

PE990341

INTERPRETATIVE

Palynology of Bream-3 and Review of Bream-2

By

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INTRODUCTION

Sidewall cores and cuttings from Bream No. 3 were examined during December 1969 and February 1970.

Whereas a close match with the sequence in Bream No. 2 through the N. goniatus and upper M. diversus was obtained, the better data from around the top of the T. lilliei Zone in Bream No. 3 necessitated revision of the L. balmei/T. lilliei boundary in Bream No. 2 (Palyn.Rept. 1969/7). Revision is based on direct comparison of assemblages, separation from T. lilliei of a species in Bream No. 2, swc 10, 9430 feet which had previously been assigned to lilliei, and examination of previously unreported assemblage from swc 8, 9585 feet.

The following summary lists determinations from both Bream No. 2 and Bream No. 3. Documents concerning Bream 2 based on Palyn. Rept. 1969/7 should be corrected accordingly.

SUMMARY

<u>Zone</u>	<u>BREAM-2</u>		<u>BREAM-3</u>	
	<u>Sample</u>	<u>Depth (ft.)</u>	<u>Sample</u>	<u>Depth (ft.)</u>
<u>N. asperus</u>	core 2	6138	swc 13	6215
	" 7	6298	" 10	6365
	" 8	6340	" 4	6447
	swc 8	6377	" 3	6574
	" 5	6519½	" 2	6628
<u>P. asperopolus</u>	swc 2	6652	swc 1	6700
Upper <u>M. diversus</u>	swc 29	6965		
	" 27	7142		
<u>M. diversus</u> undiff.	swc 24	7422		
<u>M. diversus</u> or <u>L. balmei</u>	swc 23	7612		
<u>L. balmei</u>	swc 22	7675		
	" 20	7932		
	" 19	8082		
	" 16	8320		
	" 15	8442		
	" 16	9248	swc 10	9255
	" 12	9260	" 8	9578
	" 10	9430	" 7	9606
	" 8	9585	" 6	9873
			" 5	10068.
Indeterminate	swc 2	9989		
<u>T. lilliei</u>	swc 8	9991	swc 4	10322
	" 11	10262	" 3	10365
	" 5	10520	" 2	10665
	" 7	10522	core	10852
	core 14	10643	swc 1	10964

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