

DEPTH (Feet)	YIELD	SPORE-POLLEN		MICROPLANKTON		WOOD		CUTICLE		SPORE - POLLEN - ZONE	MICROPLANKTON ZONE		
		Col	Pres	Col	Pres	Col	Pres	Col	Pres				
4151	C	LY	exc		re	Br-B1	fair	Y-Br	good-fair	Duplopollis orthoteichus			
4267	Sp	DY	exc-good		good		"	"	"			Triorites edwardsii	
4370	C	"	"	"	"	"	"	"	"				
4566	Ab	Y-LBr	good	-	-	"	"	"	"	Nothofagidites	'Deflandrea pellucida'		
4587	C	"	"	-	-	"	"	"	"				
4620	C	"	"	Y-LBr	good	"	"	"	"				
4631	Ab	"	"	-	-	"	"	"	"				
4648	Ab	"	"	Y-LBr	good	"	fair-poor	"	"				
4782	C	"	"	"	"	"	"	"	"				
4806	"	"	"	"	"	"	"	"	"				
4878	"	"	"	-	-	"	"	"	"				
4912	Sp	"	"	Y-LBr	good	"	"	"	"				
4952	C	"	"	"	"	"	"	"	"				
4958	"	"	"	"	"	"	"	"	"				
5086	"	"	"	"	"	"	"	"	"				
5214	"	"	fair-good	-	-	"	"	"	fair				
5307	"	"	"	-	-	"	"	"	"				
5332	Sp	"	"	-	-	"	"	"	"				
5481	C	"	"	-	-	"	"	"	"				
5498	"	"	"	-	-	"	"	"	"				
5530	Sp	"	"	-	-	"	"	"	"				
5567	C	"	"	-	-	"	"	"	"				
5630	"	"	"	-	-	"	"	"	"				
5773	Sp	"	"	-	-	"	"	"	"				
5885	C	"	"	Y-LBr	good	"	"	"	"				
5895	Ab	"	"	"	"	"	"	"	"				
5971	C	"	"	"	"	"	"	"	"				
6054	Sp	"	"	-	-	"	"	"	"				
6131	C	"	"	Y-LBr	good	"	"	"	"				
6277	Sp	"	"	"	"	"	"	"	"				
6302	C	"	"	"	"	"	"	"	"				
6482	"	"	"	"	"	"	"	"	"				
6562	Ab	"	"	"	"	"	"	"	"				
6680	C	"	"	"	"	"	"	"	"				
6684 ³	"	"	"	"	"	"	"	"	"				
6793	"	"	"	"	"	"	"	"	"				
6917	"	"	"	"	"	"	"	"	"				
7099	"	Br	fair-poor	LBr	fair-poor	Br-B1	poor	Br	poor				
7101	C	Y-LBr	fair-good	Y-LBr	fair-good	"	fair-poor	Y-LBr	fair				
7103	"	"	"	"	"	"	"	"	"				
7320	Sp	"	"	"	"	"	"	"	"				
7598 (S.W.C.)	C	"	"	"	"	"	"	"	"				
7598 (C.12)	"	"	"	"	"	"	"	"	"				
7612	Sp	"	"	"	"	"	"	"	"				
7755	C	"	"	"	"	"	"	"	"				
7971	"	"	"	"	"	"	"	"	"				
8085	"	"	fair	"	fair	"	poor	"	fair-poor				
8224	C	LBr	"	LBr	"	"	"	Br	"				
8387	"	"	"	"	"	"	"	"	"				
8438	"	"	"	"	"	"	"	"	poor				
8617	"	L-DBr	fair-poor	L-DBr	fair-poor	B1	poor-bad	"	"				
8623	"	"	"	"	"	"	"	"	"				
8768	Sp	"	"	"	"	Br-B1	"	"	"				
8779	C	"	"	"	"	"	"	"	"				
8901	"	"	"	"	"	"	"	"	"				
9962 ¹	Sp	"	poor	"	poor	B1	"	"	poor-bad				
10,472 ¹	C	"	poor-frag	"	"	"	"	"	"				
10,904 ¹	"	"	"	"	"	"	"	"	"				
11,512 ¹	Ab	"	"	"	"	"	"	"	"				
11,989 ⁵	"	"	"	"	"	"	"	"	"				
12,634	C	DBr	bad-frag	-	-	"	bad	Br	bad				
12,767	"	"	"	-	-	"	"	"	"				
13,010-20	"	"	"	-	-	"	"	"	"				

Yield expresses frequency of spores, pollen, and microplankton in the palynological residues as follows:-
Ab= abundant C= common Sp= sparse

Spore-pollen Zones after Harris (1965), Dettmann and Playford (1968)

Microplankton Zones after Evans (1966)

Colour and preservation. Spores, pollen, microplankton, wood, and cuticle present in the residues are denoted by their colour (col) and quality of preservation (pres) thus:-

LY=light yellow. DY=dark yellow. LBr=light brown. DBr=dark brown. B1=black.

Exc=excellent. good=good. fair=fair. poor=poor. bad=bad. frag=fragmented.

DEPT. NAT. RES & ENV



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PRESERVATION AND ZONAL ATTRIBUTION OF PLANT MICROFOSSIL ASSEMBLAGES IN
VOLUTA-I, (4,151-13,020 Feet)

Drawing No: 2236

Encl: 7