

**TABLE 1: SUMMARY PALYNOLOGICAL DATA, SCALLOP-1**  
RT= 26m

LOG DEPTH [mbRT]	SAMPLE TYPE	MICROFOSSIL YIELD	PRESERVATION *1	PERCENTAGE			SPORE-POLLEN	DIVERSITY *2		SPORE-POLLEN SUBZONE	DINOFLAGELLATE SUBZONE	ENVIRONMENT *3
				DINOFLAG.	SPINY AC.	FRESH ALGAE		MICROPLANKTON	SPORE-POLLEN			
1725.00	SWC	LOW	GOOD	30	0	15	55	LOW	HIGH	P. ASPEROPOLUS	A. AUSTRALICUM	NEARSHORE MARINE
1745.00	SWC	LOW	GOOD	0	0	36	64	EX LOW	HIGH	P. ASPEROPOLUS		NON-MARINE, LAKE
1762.0	SWC	LOW	GOOD	<1	0	19	81	EX LOW	HIGH	P. ASPEROPOLUS	K. EDWARDSII	MARGINAL MARINE
1770.0	SWC	LOW	GOOD	0	0	3	97	NIL	HIGH	INDETERMINATE		NON-MARINE, FLOODPLAIN
1800 / 05	CUTTS	MOD	GOOD	5	0	6	89	EX LOW	HIGH	L. BALMEI	A. HYPERACANTHUM	MARGINAL MARINE
1837.8	SWC	MOD	GOOD	13	0	2	85	EX LOW	HIGH	L. BALMEI	A. HYPERACANTHUM	NEARSHORE MARINE
1875 / 80	CUTTS	LOW	GOOD	1	0	9	90	EX LOW	HIGH	L. BALMEI	A. HYPERACANTHUM	MARGINAL MARINE
1905 / 10	CUTTS	LOW	GOOD	<1	0	3	97	EX LOW	HIGH	L. BALMEI	A. HYPERACANTHUM	MARGINAL MARINE
1936.5	SWC	LOW	GOOD	3	0	1	96	EX LOW	HIGH	L. BALMEI	A. HYPERACANTHUM	MARGINAL MARINE
1990 / 95	CUTTS	LOW	GOOD	<1	0	2	98	EX LOW	HIGH	L. BALMEI		MARGINAL MARINE
2050 / 55	CUTTS	LOW	GOOD	2	0	2	96	EX LOW	HIGH	L. BALMEI	?E. CRASSITABULATA	MARGINAL MARINE
2090.0	SWC	LOW	GOOD	0	0	0	100	NIL	HIGH	L. BALMEI		NON-MARINE, FLOODPLAIN
2125 / 30	CUTTS	LOW	GOOD	<1	0	8	92	EX LOW	HIGH	L. BALMEI		BRACKISH MARINE
2192.7	SWC	LOW	GOOD	0	0	4	96	EX LOW	HIGH	L. BALMEI		NON-MARINE, FLOODPLAIN
2204.0	SWC	LOW	GOOD	7	0	2	93	EX LOW	HIGH	L. BALMEI	T. EVITTII	VERY NEARSHORE MARINE
2250 / 55	CUTTS	LOW	GOOD	<1	0	16	84	EX LOW	HIGH	F. LONGUS, UPPER	M. DRUGGII	MARGINAL MARINE
2304.0	SWC	LOW	GOOD	0	0	4	96	EX LOW	HIGH	F. LONGUS, UPPER		NON-MARINE, SWAMP
2350 / 55	CUTTS	LOW	GOOD	<1	1	5	94	EX LOW	HIGH	F. LONGUS, UPPER		MARGINAL MARINE
2402.5	SWC	LOW	GOOD	0	0	1	99	EX LOW	VERY HIGH	F. LONGUS, LOWER C		NON-MARINE (FLOODPLAIN)
2460 / 65	CUTTS	LOW	GOOD	?CAVED	?1	4	95	EX LOW	VERY HIGH	F. LONGUS, LOWER B		?NON-MARINE (FLOODPLAIN)
2495 / 500	CUTTS	LOW	GOOD	0	0	4	96	EX LOW	VERY HIGH	F. LONGUS, LOWER B		NON-MARINE, SWAMP MARGIN
2529.5	SWC	LOW	GOOD	0	0	3	97	EX LOW	VERY HIGH	F. LONGUS, LOWER A		NON-MARINE, SWAMP
2586.7	SWC	MOD	GOOD	0	0	2	98	EX LOW	VERY HIGH	T. LILLIEI, UPPER B		NON-MARINE, SWAMP
2601.5	SWC	MOD	GOOD	0	0	1	99	EX LOW	VERY HIGH	T. LILLIEI, UPPER A		NON-MARINE, SWAMP MARGIN
2750.0	SWC	LOW	GOOD	0	0	4	96	EX LOW	VERY HIGH	T. LILLIEI, LOWER ?A		NON-MARINE, FLOODPLAIN
2758.0	SWC	LOW	GOOD	0	0	7	93	EX LOW	VERY HIGH	N. SENECTUS, UPPER B		NON-MARINE, FLOODPLAIN
2835 / 40	CUTTS	LOW	GOOD	0	0	2	98	EX LOW	VERY HIGH	N. SENECTUS, UPPER A		NON-MARINE, FLOODPLAIN
2870.2	SWC	LOW	GOOD	0	0	3	97	EX LOW	VERY HIGH	N. SENECTUS, UPPER A		NON-MARINE, FLOODPLAIN
2886.0	SWC	LOW	GOOD	0	0	3	97	EX LOW	VERY HIGH	N. SENECTUS, UPPER A		NON-MARINE, FLOODPLAIN
2898.0	SWC	LOW	GOOD	0	0	3	97	EX LOW	HIGH	N. SENECTUS, LOWER C		NON-MARINE, FLOODPLAIN
2935 / 40	CUTTS	LOW	GOOD	0	0	0	100	NIL	HIGH	N. SENECTUS, LOWER C		NON-MARINE, FLOODPLAIN
2976.5	SWC	LOW	GOOD	0	0	0	100	NIL	HIGH	N. SENECTUS, LOWER C		NON-MARINE, FLOODPLAIN
2991.5	SWC	LOW	GOOD	0	0	11	89	EX LOW	HIGH	N. SENECTUS, LOWER C		NON-MARINE, LAKE
3013.0	SWC	LOW	GOOD	1 ?CAVED	0	0	99	EX LOW	HIGH	N. SENECTUS, LOWER C		NON-MARINE, SWAMP
3022.5	SWC	LOW	GOOD	0	0	0	100	NIL	HIGH	N. SENECTUS, LOWER C		NON-MARINE, FLOODPLAIN
3050.5	SWC	LOW	GOOD	0	0	3	97	EX LOW	HIGH	N. SENECTUS, LOWER C		NON-MARINE, FLOODPLAIN
3097.2	SWC	LOW	GOOD	0	0	1	99	EX LOW	HIGH	N. SENECTUS, LOWER C		NON-MARINE, FLOODPLAIN
3103.9	SWC	LOW	GOOD	0	0	0	100	NIL	HIGH	N. SENECTUS, LOWER B		NON-MARINE, FLOODPLAIN
3110.5	SWC	LOW	GOOD	0	0	0	100	NIL	HIGH	N. SENECTUS, LOWER B		NON-MARINE, FLOODPLAIN
3130.5	SWC	LOW	GOOD	0	0	2	98	EX LOW	VERY HIGH	N. SENECTUS, LOWER B		NON-MARINE, FLOODPLAIN
3149.5	SWC	LOW	GOOD	0	0	1	99	EX LOW	HIGH	N. SENECTUS, LOWER B		NON-MARINE, FLOODPLAIN
3165.0	SWC	EX LOW	GOOD	0	0	1	99	EX LOW	MOD	INDETERMINATE		NON-MARINE, FLOODPLAIN

*1 NOTE-PRESERVATION (FRAGMENTATION INDEX)
1 = SUPERB
2 = EXCELLENT
3 = GOOD
4 = FAIR
5 = POOR

*2 DIVERSITY
V HIGH 30+ SPECIES
HIGH 20-29 SPECIES
MOD 10-19 SPECIES
LOW 5-9 SPECIES
EX LOW 1-4 SPECIES

*3 ENVIRONMENTS	DINOFLAGELLATE CONTENT %	DINOFLAGELLATE DIVERSITY	FRESHWATER ALGAE CONTENT%
OFFSHORE MARINE	67 to 100	VERY HIGH	LOW
SHELFAL MARINE	34 to 66	HIGH	*
NEARSHORE MARINE	11 to 33	MODERATE	*
VERY NEARSHORE MARINE	5 to 10	MODERATE-LOW	*
MARGINAL MARINE	<1 to 4	LOW-VERY LOW	*
BRACKISH	0. SPINY ACROTARCHS ONLY	EXTREMELY LOW	*
NON-MARINE (UNDIFF)	0. NO SPINY ACROTARCHS	NIL	LOW
NON-MARINE (LACUSTRINE)	0. NO SPINY ACROTARCHS	NIL	MODERATE 10%+