					_	V	olu	me	50	: 0	пар	ter	8:	rigi	ure	3.	Dist	ribi	utio	n o	t Cr	eta	ceou	IS I	nanr	1010	SSIIS	, п	ole .	+ 10	٠ <u>.</u>		_	_		_			
Abundance A = Abundant C = Common F = Few				n n	oratus us		iii		nsis		tus		8		rentis		ini	mus	tus		ei	S	ereli		ta	SI			81										
R = Rare Preservation G = Good M = Moderate	Depth (m)			achylosun	s angusti ro nus angustu	nus asper	barnesae	biporta	britanica es carniole	chiastia	rcumradiat dus colligat	colomii	communis	nnstans	s coronady sera cretac	cuvillieri	s dietzman	diplogrami hus emberg	erectus es fenestra	nitae	hion laffitt	s litterariu	nalticus haera marg	martelae	mexicana a oblonga	thus obtuse	ous rectus	senaria tradneri	s surrirellu	s wisei		. sp.		s sp.		sp.			
P = Poor	Sub-bottom	undance	servation	rollithion	rhabdolith	rhabdolith	tznaueria lycostella	tznaueria	tznaueria hraphidite	ıciellipsis	rkalius cir	nnocouns	tz naueria etarhabdu:	scutum co	etarhabdu: ediscospha	uciellipsis	dorhabdu	godiscus c rhabdolith	godiscus e	tosia infin	azomatho	iastozygu	tralithus n clagelosph	ıtznaueria	nusphaera cicalathin	crantholit	adorhomb	lycostella galapilla si	etarhabdus bodiscus	cinolit	aarudosph	etarhabdu	ffellithalid	ncrantnoilt	dorhabdu	atznaueria	eugrhabdot	Calcareous- Nannofossil Zones	Stage
Sample (Interval in cm) 416A-5, CC	763.5	C	P <sub>re</sub>	R F	A A	A Par	Na Pol	F Wa	Wa Liti	C	Ma	Naı	C F	C	R F	Cru		A R	F Z	R	C R	+	R Cyc	-	Call Co	Min	Dia	O Vag	C Cre	-	Bre	3 5	Eij	Na	P0	W Ve	Ze	Prediscosphaera	Middle
6-1, 24-26 6-1, 59-61 6-2, 61-63	891.24 891.59 893.11	Barr Barr Barr	ren		+		-		+		+	$\parallel$	+			+		+		-					+			-			$\parallel$		-			+	$\forall$	Zone /	Albian /
6-3, 24-26 6-3, 78-80	894.24 894.78	Barr	ren																																	-		Chiastozygus litterarius	Lower Aptian
6, CC 7-1, 18 7-2, 104-105	896.5 ?	F-C		F	R R	A	A	C C	F C	F F	_	R	A F	R		F	R	R R C R R F	R	R	F C			F	R F	RI	$\rightarrow$		F R		$\parallel$	+	+	+		F	$\forall$	Zone	Aptian
7-3, 64-65 7, CC	?	R	P-M		F	F	A	R	F R		R	R	A F			C R	F	F F		R	F C		F		F	R	R		F R						F	2			
8-6, 140-141 8, CC 9-1, 134-135	? 1118.50 1178.24	R	Р		F	R	A C	F		R			C F			R C	F	R F		R	F F		R		R F		2	R	FR	$\Box$						F			
9-2, 62-63 9-3, 93-94	1179.02 1180.83				F		A	F	F R	R R	F	F	A F			C C	R	R F	-	+	F F		R F		R F	R	$\rightarrow$		F							F			
9-4, 16-17 9-5, 122 10-1, 25-26	1181.56 1184.12 1185.65	F	P- M		R R	R C	_	F R	_	FR	F		A F			F F	R	R F	F	-	F		F A F		R F		F	R	F R	$\Box$	+		+	+		F	+		
10-2, 137 10-2, 147	1188.27 1188.37	R R	P	$\Box$	F	+	A	R	R R				c c			R R		R R	1				F					R	RR					+					
11-1, 17-18 11-3, 125-126 11-4, 85-86	1194.97 1199.05 1200.15				F		A A	F F R	F	R	C	F	A F			F F	$\rightarrow$	R R R F F R	+	R	+		F F		RR	R R	R	+	F F		$\parallel$	R		+	F	F	+		
11-5, 40-41 11, CC	1201.2 1204.3	R	P		F	$\rightarrow$	A	F	_	R R	F	F	A F			C F	F	R F	F	F	FF		R F		R F	F	F	+	R F			R		+	-	F			
12-1, 23-24 12-2, 145-146 12-4, 38-39	1204.53 1207.25 1209.18			_	F	R	_	F R F	F	R R F	F	F	A F			C F	$\rightarrow$	R R R R		F	F F		R F F		R F R F	F	C R F F		F F			R		+		F			
12-5, 29-30 12, CC	1210.59 1213.8	R	P		F R	F	A	F R	F R R	R	C	R	A F	RR		C R	R	F R	F	F	F F		F	R	R	R	F	R	F F		R					F			
13-1, 45-46 13-2, 53-55 13-2, 55-56	1214.25 1215.83 1215.85	A	м	+	R	R A R	A	F	FC	C	C	R	A F	c		C C	R	F R		R	R F		C A F		R F	С		A	F F			R		С		F	+		
14-1, 123-124 14-2, 104-105	1224.63 1225.94				F	R R	A	F	F	R R	F	F	A F			C C	F	F R	1	R	F F		R F		R	$\blacksquare$	F R		FF	$\rightarrow$						F R			
14-3, 118-119 14-4, 36-37 14-5, 57-58	1227.58 1228.26 1229.97			-	F	R R R	A	R F	F	R	F	R	A F			F	-	F F F R	$\Box$	-	F F		C	-	R F R F	R	F R		FFF	+		+		+		F	+		
14, CC 15-1, 27-28	1232.9 1233.17	R	Р		R	R	A	R	F	R R	F	F	C A F	=		F		R F	1	R	FF		F		R F	R R	_	R	R F F	2			R						
15-2, 63-64 15-3, 111-112 15-4, 44-45	1235.03 1237.01 1237.84				F R	R	A	R F	F	R	F	С	A F		+	F	$\rightarrow$	R R R F		F	F F		R F		R F R F	$\rightarrow$	F	+	FFF	$\rightarrow$		+	R	+		F	+		
15-5, 85-86 15-6, 96-97	1239.75 1241.36				F	R	A	F	F	F	F	F	CF			C	RR	F F		F	F	2	R C		R F	R	F R		F F							F			
15, CC 16-1, 136-137 16-3, 114-115	1242.50 1243.86 1246.64		P-M	П	R F	R R	Α	R F	F	R	_	_	F F	_		R C F	R R R	F F		_	R		F R F		R	F	F	R	R F I	-		+	H	+	_	F	+		
16-5, 39-41 17-1, 98-99	1249.29 1252.98	F-C		$\Box$	C F	C	A	_	FC	C	R	F	C	R		C I	F R	F R	1	R	F C		R C	R	R	R	FR		C F					-		F	F		
17, CC 18-1, 99-100 18-2, 99-100	1261.50 1262.49 1263.99	F-C	M M	H	F	F		F	C F	R	R		CI			R I	R R	R R	$\rightarrow$	_	R	$\rightarrow$	C F	-	R R	С	F	C	F			R		F	#	1	+		
18-3, 41-43 18-4, 12-14	1264.91 1266.12	C	rren		R	С	A	F	R F	F	R	2	A F	R F		R	R R	F		R F	R		С	R	F	R		c	С					R		-			
18-5, 12-14 18, CC 19-1, 5-6	1269.12 1271.0 1271.05	A	P M-G		C	A	A		C A	F	F		A C			A	$\rightarrow$	F A	$\rightarrow$	C F	F	+	C R C	С	C		F	C	C	=				R	$\rightarrow$	F	R		
19-3, 103-104 19-5, 110	1275.03 ?1277.10	F	м		F R	R	A	F	F R	F	F	FR	C I	R R		C R I	R R	F F		C	R		F A F C		F		F	F	F	=		R	R	-	$\blacksquare$	R	-		
20-1, 9-10 20-3, 13-14 20, CC	1277.59 1280.63 1287.0		P	$\rightarrow$	F	R			F			С	C I			C		FR		$\rightarrow$	FI	R	R F		F	$\parallel$	F R	F	F	_		R	K	R	П	F	+		
21-2, 74-75 21-4, 97-98	1292.24 1295.47 1297.80				R		A	R	F R F	R	F		FF	F		c c		R			R	R	F F		R		F		F	F				1		1	F		
21-6, 30-31 21, CC 22-1, 12-13	1297.80 1299.50 1299.62	R	P	H	F	F	A		-	8	F	2	C			R		R		R	R		C R F	R	-		F	R	$\rightarrow$			R	H	+	+	+	+		
22-3, 31-33 22-5, 15-17	1302.81 1305.65		P-W	$\blacksquare$	F R		A	R	F	R	F	F F	FI	F		C		R F		F	R	R F	R F		F	R	C F		F	F		R		-		1	F		
22, CC 23-1, 76-77 23-3, 50-51	1309.10 1309.86 1312.60		P-W		F		A		F	F	F	F C	F	F		A		F		F	R	R	F C		F		F F		F	F		K		ľ			+		
23, CC 24-1, 36-37	1318.60 1318.96		rren		F		A		F	R			FI			C	R	R R	$\rightarrow$		R	-	F C	$\overline{}$	F	F	_		F									Zone	
24-2, 46-47 24-3, 100-101 24, CC	1320.56 1322.60 1327.70		P-N		F R	С	A	С	F F	R		F	F	F		C F	R	F		R	R		С	-	F	$\rightarrow$	F		F			+					+	ites bolliï	5
25-5, 23-24 25, CC	1333.93 1336.20	R-F	P		R R	R	A	R	R R I			F	A I	F		C R		R	2	F	$\rightarrow$	R	R C		C	C	F	R	R			R	R	F	=	-	-	ithraphid	Hauterivia
26-2, 138-139 26-3, 94-95 26-4, 29-30	1340.08 1341.14 1341.99				F F		AAA	F	F F	R	F	FA	F	F		F F	-	R F		F	R R R R	_	F A		F	C			F	_		+	R		+	+	+	cone to 7	to Upper l
26-5, 143-144 26, CC	1344.63 1346.70	R	P		F	F	A	R	$\rightarrow$	F	F	A	F C	F		F		R	$\top$		+	R	F C		F	F			R R				R					foratus 2	anginian t
27-1, 43-44 27-3, 86-87 27-5, 10-11	1347.13 1350.56 1350.80			$\Box$	F		A	F	F	R	1		F	F		F		R F		F	R	F	F C F F	1	F	F F	F		+	F F		+	F	+	$\parallel$	+	+	us angusti	ower Val
27, CC 28-1, 84-85	1356.20 1357.04		P		R F		A		R I	F	ı	F C	F	R R		F		R	2	-	F	R	F C		R F	C			R			R			C		-	Cretarhabd	
28-2, 59-60 28-4, 70-71 28, CC	1358.29 1361.40 1365.70		P	$\Box$	F		A	R	F F	R		RA	F			F R	R	_	) )	$\overline{}$	RF	_	F C		F	C F C	F		F	K		R	H	,	F	+	+		
29-3, 131-132 29-6, 94-95	1370.01 1374.14				F		A		F F	R	F	FA	F	F		F	F	F		R	R	F	C F	I	FFF	F	F		R F R				R				I		
29, CC 30-2, 139-140 30-4, 115-116	1375.20 1378.09 1380.85		M	$\rightarrow$	F		A		F	R	F	F C	F I			F	R	R F		_	R R	_	F C		F	F	_		F			R	R				+		
30-6, 68-69 30, CC	1383.38	R	P	$\Box$	F	R			F		,		F R	R		F R		F	2		F R		FF		F	F			R				R			1	-		
31-3, 69-70 31-5, 8-9 31-6, 96	1388.29 1390.68 1393.06		M	$\Box$	F		A	F	F C	R	-	C	F			F	FR	F	2	F	R	F	F C		R	R F	_		F	FR		R R	F	F	+	+	+		
32-1, 99-100 32-3, 54-55	1395.09 1397.64			$\rightarrow$	F		A	F	F	R R	П	С	F	F		F	F R	$\rightarrow$	$\rightarrow$	_	R	F	F F		R R F		F F		R			R R	R R	F			-		
32, CC 33, CC 34-1, 122-123	1403.60 1406.80 1408.02	-	+	$\rightarrow$	R R	R F		R	R	F	ľ		C F	С		R R F		_	2	R	R	F	C C		R F	2	F		F R F	F		R R	$\rightarrow$	F	R		+		
34-2, 42-43 34-2, 43-44	1408.72 1408.73 1410.49	R	P		F	R	A R A		RI	R	R		R			F	_		2	R	F	_	FF	R		R	F		R	E .		R		-	R		+		
34-3, 69-70 34-3, 69-70 34-4, 67-68	1410.49				F		A		C			С	F	F		F	F	F	2	R	F	F	F F		F		F		F	F				A			+		
34, CC 35-1, 106-107 35-2, 32-33	1416.40 1417.46 1418.22		P		F		AAA	R	R	F R	1	_	C F C	С		R F R	F	R F	$\rightarrow$	_	FRRF	F	F C		R F	R	F	R	R F R	_		R R	R	R					
35-2, 38-39 36-1, 40-41	1418.28	R	P	$\exists$	F	F	A		F	R		A	F	R		F	R R	R	2		R		F C	R		R	F R	R	R	R		R		C	С		+		
36-2, 145-146 36, CC 37-1, 72-73	1428.35 1435.00 1435.72	F	P	$\rightarrow$	F	С	C A	R	C I	R			F (				F R F R		2	R R	R	c	F C	R	C	F	FF	С	F C	R				C R	F		+		
37-4, 68-69 37, CC	1440.18 1445.0	R-F	P	$\Box$	F	R	A		F C	_	1	R A	C C	R C			FR	F	<b>?</b>	R		F	R C	R	F	R	F	R	R	R								-	
38-1, 69-70 38-2, 1-3 38, CC	1445.69 1446.51 1450.70		P	$\rightarrow$	F R	R		+	F	F		A	C F	F		F	R R	F	2	+	R	_	R F	-	CI	R	F	F	F	F R					C R		+		
39, CC 40-1, 22-23	1454.50 1454.72		P		R	F	A		F	F		C	C R	RR		R F		F	2	R	R	_	R F	R	C F	R	F	R R		F		C			R A			1	
40-3, 68-69 40-5, 17-18 40-6, 108-109	1458.18 1460.67 1463.08				F	F			F F	R	F	RA	F I	R				R F		R	F R F	F	R F		RI	_	F C F	R	F R R			c		1	A A		+		
40, CC 41-1, 122-123	1463.90 1465.11		P		F	R F	С		C I	R		A	C	F		R F R	F	RR	-	R	R	R	R F		R F		С		FR			F		1	A				
41-2, 127-128 41-3, 48-49 41-4, 31-32	1466.67 1467.38 1468.71				R	R	A		F	R	F	C	C C	R		F	F	R F	_	+	F	F	R F R C		R		F F	R	R	R		A		(	A C C		+		
41-5, 39-40 41, CC 42-1, 5-6	1470.29 1473.30 1473.35	F	P			R		E	F	R		R	F I	R		R R	F C	C	2	-	R	F C	C	R	R	_	С		R	R		C			C R		R		
42-2, 71-72 42-3, 14-15	1475.51 1476.44						A		С	R			F			F	F	F	2	1	R R	F	C		F R		F	R	$\rightarrow$	R R		R			F		-		
42, CC 43-1, 14-16 43-1, 58-60	1482.40 1482.54 1484.48	R	P P M		1	C		R	R	+		R	F	+		R		F	2	+	$\rightarrow$	R	C	R	$\Box$				R			R		_	R R		+		
43-2, 147-149 43-3, 71-72	1485.37 1486.11	R	P		R	F	C A	R	R F	R			C			R		F	_	R R	2	R R	C F	F	R F	_	F	R	R					(	С				
43-4, 3-4 43-4, 78-80 43, CC	1486.93 1487.68 1491.90	F-C	-		1	F	A	R	F F R	R	_	C	F C	c		R R	F	R	2	1	$\rightarrow$	R C R	C	F	R I	F	F	C R		R		F F		,	A		+		
44-1, 15-16 44-2, 112-113	1492.05 1494.52					F	A C		F	R		R	R R	F		С		F		R	R R	F	R		C F		F	C	R	R R					A		-		
44, CC 45-1, 41-43 45-2, 27-28	1501.20 1501.61 1502.77	R-F	P		1		A	R	F	2	F	F	R C F	R			R R F R	FR	2	+	R	R R	R C	R	F C F	_	F	С	#	R		R			R C		R		
45-3, 80-81 46-1, 67-68	1505.00 1511.27				R		A		F	R	F	$\overline{}$	R			F (	C R	R R	:	R R	R	R	R		A	2	R F	R F	R	R		С	R	- /	A F		R		
46-2, 111-112 46-3, 45-46 46, CC	1513.21 1514.05 1520.0	F-C	P- N	1	F		A	-	F F C	F	-	F	F	R F R		R F C	F	R F	=	C F	R	R R	R F	F	C A	F	R R	F C F	$\rightarrow$	R R R				- 1	A		R F R	}	
47-1, 86-87 47-1, 134 47-2, 48-49	1520.86 1521.34 1521.98	С	м		-		A	R	F I	R		R	F	_		F	_	R		R	$\rightarrow$	R R	R C	R	C	R	F R	C A C	F	R		F			_	1	R	3	
48-1, 86-87 48, CC	1530.86 1539.10	R	P		-	R	A C		F	F		F R	F	R R		F	R	R	2	RR	$\rightarrow$	F	F	F	F	2	FR		R	_		R		-	F		I		
49-1, 90-91 49-2, 5 49-2, 93-94	1540.00 1540.65 1541.53	F-C	м		-	F R	A		C C	R		С	C C	R A		F		F		F	$\rightarrow$	C R	F A R	F	A C	C R	_	R	R	R		R					F		
49-3, 11-12 50-1, 52-53	1542.21 1549.12						A		F C	R			R I			F	F R	F	2	-	$\blacksquare$		R		C R	F	F R	R		R				- /	A		R	-	
50-2, 10-11 50, CC 51-1, 69	1550.20 1558.00 1558.69	R	P P-W		-	_	A C A	F	F F C F	R		+	F	F		F R	R	R		+		R R	-	R	-		F	R	#			R			F R		R		
51-1, 102 51-1, 110	1559.02 1559.10	R	P				C A	R	R F	2			F C	R		R R		R	2				F	C	R R							R		1	R		1	iii Zone	
51-1, 139-140 51-2, 4-5 51, CC	1559.39 1559.54		-			R	A	F	C	F R	$\rightarrow$	F	C C				R F R	F	2	f		R R	F C		C F			R R		R		F		1	F R		F	us colomii	riasian
51, CC 52-1, 58 52-2, 8	1567.40 1567.98 1568.98	R-F			-	$\Pi$	A R	F	С				F C				*	R		+		+	C	c	R R F							R			F R		+	Nannoconu	Berr
52-2, 9-10 52-3, 62 52-4, 20	1568.99 1571.02 1572.10	R	P	H	-		A R	2	A R	F		D	C R	R		R	R	R	$\rightarrow$	f	H	R	_	F	C			R					H	-	C	1	R		
52-4, 20 52-4, 46 52, CC	1572.10 1572.36 1576.80	R	P		+		A R	R R	F	-		K	R F	R			R R			+	$\Box$	F	C	F	-		R								c c		-		
53-1, 42 53-2, 22 53-2, 26	1577.22 1578.52 1578.56	R	P M	H	-	R	C A F	R	R C F	F			R C F			R	R R R	R		F	$\rightarrow$	R		+	R		R	С					H	-		1	T		
53-2, 45-46 53-3, 20	1578.75 1580.00	R	P		-	$\blacksquare$	A F	R	-	R			A F			R	R	F	+	#		R	F	С	F R			R							С			9	
54, CC 55-1, 3-4 55, CC	1595.60 1595.63 1605.20	R	P P		+	П	R A C	R	R	R			R			F	R	-		+		R		C R			+	R							C		R	ergeri Zon	
57-1, 33-34 57, CC	1605.20 1614.83 1624.00	С	M			П	AC	. K	F	R			C	R		R		_		+		R R	С	A	С		R								A R		R		Tithonian
				#	+	+		+		+			-					+	#	+	#	+				#	+						H			1	F	arhabdolii	
	-	1	1	1						1							1	1	1.1	4	11			1				-	+1	1			1.1		-1	-1		4	