

Calcareous nannofossil biohorizon	Age (Ma)	Top core, section, interval (cm)	Bottom core, section, interval (cm)	Top depth CSF-A (m)	Bottom depth CSF-A (m)	Top depth CCSF-A (m)	Bottom depth CCSF-A (m)	Revised depth (midpoint) CCSF-B (m)	Depth uncertainty (± m)	Top core, section, interval (cm)	Bottom core, section, interval (cm)	Top depth CSF-A (m)	Bottom depth CSF-A (m)	Top depth CCSF-A (m)	Bottom depth CCSF-A (m)	Revised depth (midpoint) CCSF-B (m)	Depth uncertainty (± m)	Top core, section, interval (cm)	Bottom core, section, interval (cm)	Top depth CSF-A (m)	Bottom depth CSF-A (m)	Top depth CCSF-A (m)	Bottom depth CCSF-A (m)	Revised depth (midpoint) CCSF-B (m)	Depth uncertainty (± m)	Top depth Site U1338 CCSF-B (m)	Bottom depth Site U1338 CCSF-B (m)	Depth (midpoint) CCSF-B (m)	Depth uncertainty (± m)
T <i>Pseudoemiliana lacunosa</i>	0.43	2H-1, 130	2H-2, 24	4.00	4.44	5.48	5.92	5.14	0.22	1H-4, 80	1H-5, 80	5.30	6.80	5.30	6.80	5.44	0.75	1H-CC	2H-1, 80	3.79	4.60	3.79	5.15	4.06	0.68	4.06	5.44	4.75	0.69
Tc <i>Reticulofenestra asanoi</i>	0.91	2H-4, 90	2H-5, 120	8.10	9.90	9.58	11.38	9.46	0.90	2H-2, 80	2H-3, 80	9.90	11.40	11.19	12.69	10.73	0.75	2H-5, 80	2H-6, 80	10.60	12.10	11.15	12.65	10.82	0.75	9.46	10.82	10.14	0.68
T <i>Gephyrocapsa (>5.5 µm)</i>	1.25	3H-1, 90	3H-2, 70	13.10	14.40	15.33	16.63	14.42	0.65	2H-5, 80	2H-6, 80	14.40	15.90	15.69	17.19	14.77	0.75	2H-CC	3H-1, 80	13.70	14.10	14.25	16.41	13.94	1.08	13.94	14.77	14.35	0.42
T <i>Calcidiscus macintyreii</i>	1.60	3H-4, 80	3H-5, 80	17.50	19.00	19.73	21.23	18.48	0.75	2H-CC	3H-1, 70	17.49	17.80	18.78	19.87	17.36	0.55	3H-2, 80	3H-3, 120	15.60	17.50	17.91	19.81	17.15	0.95	17.15	18.48	17.81	0.67
T <i>Discoaster brouweri</i>	1.93	4H-2, 50	4H-3, 50	23.70	25.20	27.32	28.82	25.33	0.75	3H-4, 20	3H-5, 85	21.80	23.95	23.87	26.02	22.41	1.08	4H-1, 50	4H-1, 100	23.30	23.80	26.16	26.66	24.01	0.25	24.01	25.33	24.67	0.66
T <i>Discoaster pentaradiatus</i>	2.39	4H-CC	5H-1, 60	31.20	31.80	34.82	37.20	32.50	1.19	4H-5, 50	4H-6, 50	33.10	34.60	35.76	37.26	32.80	0.75	4H-5, 70	4H-6, 70	29.50	31.00	32.36	33.86	30.10	0.75	30.10	32.80	31.45	1.35
T <i>Discoaster surculus</i>	2.53	5H-1, 60	5H-2, 85	31.80	33.55	37.20	38.95	34.36	0.88	4H-6, 50	4H-CC	34.60	36.55	37.26	39.21	34.35	0.97	5H-1, 80	5H-2, 80	33.10	34.60	38.36	39.86	35.55	0.75	34.35	35.55	34.95	0.60
T <i>Sphenolithus</i> spp.	3.61	6H-2, 40	6H-3, 120	42.60	44.90	48.16	50.46	44.50	1.15	5H-5, 50	5H-6, 50	42.60	44.10	46.90	48.40	42.81	0.75	6H-1, 80	6H-2, 80	42.60	44.10	50.26	51.76	46.37	0.75	42.81	46.37	44.59	1.78
T <i>Reticulofenestra pseudoumbilicus</i>	3.82	6H-4, 30	6H-5, 40	45.50	47.10	51.06	52.66	46.81	0.80	6H-1, 70	6H-2, 70	46.30	47.80	51.44	52.94	46.89	0.75	6H-2, 80	6H-3, 80	44.10	45.60	51.76	53.26	47.74	0.75	46.81	47.74	47.27	0.47
T <i>Ceratolithus acutus</i>	5.04	8H-5, 110	8H-6, 83	66.80	68.03	74.88	76.11	68.14	0.62	8H-3, 70	8H-4, 70	68.30	69.80	74.88	76.38	67.95	0.75	8H-4, 120	8H-5, 120	66.50	68.00	75.48	76.98	69.30	0.75	67.95	69.30	68.63	0.67
B <i>Ceratolithus acutus</i>	5.36	9H-4, 70	9H-5, 70	74.40	75.90	83.85	85.35	76.35	0.75	9H-2, 70	9H-3, 100	76.30	78.10	84.33	86.13	76.58	0.90	9H-3, 80	9H-4, 80	74.10	75.60	83.47	84.97	76.56	0.75	76.35	76.58	76.47	0.11
T <i>Discoaster quinqueramus</i>	5.53	10H-3, 45	10H-3, 120	82.15	82.90	92.38	93.13	83.71	0.38	9H-CC	10H-1, 80	83.42	84.40	91.45	93.40	83.04	0.98	10H-2, 80	10H-3, 20	82.10	83.00	92.37	93.27	84.38	0.45	83.71	84.38	84.05	0.33
T <i>Nicklithus amplificus</i>	5.98	11H-5, 120	11H-6, 120	95.40	96.90	106.68	108.18	96.96	0.75	11H-3, 120	11H-4, 45	97.30	98.05	107.42	108.17	96.85	0.38	11H-3, 80	11H-5, 80	94.60	96.10	104.85	106.35	96.00	0.75	96.00	96.96	96.48	0.48
B <i>Nicklithus amplificus</i>	6.82	14H-2, 80	14H-3, 80	119.00	120.50	133.78	135.28	121.42	0.75	13H-4, 120	13H-5, 45	117.80	118.55	130.77	131.52	117.83	0.38									117.83	121.42	119.62	1.79
TP <i>Reticulofenestra pseudoumbilicus</i>	7.09	16H-4, 120	16H-5, 45	141.40	142.15	158.31	159.06	143.22	0.38	15H-CC	16H-1, 80	140.97	141.40	156.17	157.93	141.11	0.88	16H-1, 80	16H-2, 80	137.60	139.10	154.44	155.94	141.08	0.75	141.08	143.22	142.15	1.07
B <i>Amaurolithus</i> spp.	7.39	17H-1, 95	17H-2, 50	146.15	147.20	164.68	165.73	149.10	0.52	16H-5, 120	16H-6, 45	147.80	148.55	164.33	165.08	147.98	0.38	16H-CC	17H-1, 70	146.75	147.00	163.59	164.53	149.15	0.47	147.98	149.15	148.56	0.58
B <i>Discoaster berggrenii</i>	8.20	18H-2, 90	18H-3, 65	157.10	158.35	176.98	178.23	160.29	0.63	18H-4, 120	18H-5, 45	165.30	166.05	183.86	184.61	165.53	0.38	19H-2, 90	19H-3, 90	163.70	165.20	183.35	184.85	167.36	0.75	160.29	167.36	163.83	3.54
BP <i>Reticulofenestra pseudoumbilicus</i>	8.80	20H-3, 80	20H-4, 80	177.50	179.00	198.79	200.29	180.09	0.75	20H-2, 52	20H-2, 72	180.62	180.82	200.65	200.85	180.37	0.10	20H-6, 110	20H-CC	180.90	181.18	201.02	201.30	182.87	0.14	180.09	182.87	181.48	1.39
T <i>Discoaster hamatus</i>	9.65	22H-2, 78	22H-2, 148	194.98	195.68	218.88	219.58	197.86	0.35	21H-6, 70	21H-CC	196.30	198.03	217.05	218.78	195.79	0.86	22H-CC	23H-1, 100	199.70	200.30	221.83	222.28	201.87	0.23	195.79	201.87	198.83	3.04
T <i>Catinaster calyculus</i>	9.65									22H-2, 140	22H-3, 70	200.50	201.30	222.12	222.92	199.93	0.40									199.93	199.93	199.93	0.40
T <i>Catinaster coalitus</i>	9.70									23H-2, 70	23H-2, 140	209.30	210.00	232.69	233.39	209.38	0.35									209.38	209.38	209.38	0.35
B <i>Discoaster hamatus</i>	10.49	24H-CC	25H-1, 80	221.69	222.00	248.52	249.78	224.86	0.63	24H-4, 72	24H-4, 142	221.82	222.52	247.03	247.73	222.26	0.35	25H-4, 80	25H-5, 80	223.60	225.10	248.63	250.13	226.71	0.75	222.26	226.71	224.49	2.22
T <i>Coccolithus miopelagicus</i>	10.61	25H-1, 80	25H-2, 80	222.00	223.51	249.78	251.29	226.11	0.75	24H-6, 72	24H-6, 122	224.82	225.32	250.03	250.53	224.87	0.25	25H-3, 80	25H-4, 80	222.10	223.60	247.13	248.63	225.35	0.75	224.87	226.11	225.49	0.62
B <i>Catinaster calyculus</i>	10.71	24H-4, 58		215.37	242.2			218.59			24H-2, 72		218.82		244.03	219.25										218.59	219.25	218.92	0.33
B <i>Catinaster coalitus</i>	10.79	25H-3, 120	25H-4, 45	225.40	226.15	253.18	253.93	228.84	0.38																	228.84	228.84	228.84	0.38
Tc <i>Discoaster kugleri</i>	11.60									27H-2, 80	28H-1, 80	249.90	257.90	278.26	285.95	253.46	3.84	28H-7, 47	29H-1, 47	256.27	256.77	283.73	284.23	258.16	0.25	253.46	258.16	255.81	2.35
Bc <i>Discoaster kugleri</i>	11.88	29X-5, 80	29X-6, 80	266.20	267.70	295.71	297.21	267.56	0.75	28H-7, 45	29H-1, 120	266.55	267.80	294.60	296.40	265.50	0.90	30H-3, 80	30H-4, 80	269.60	271.10	298.04	299.54	271.63	0.75	265.50	271.63	268.56	3.06
T <i>Coronocyclus nitescens*</i>	12.12									29H-2, 80	29H-3, 80	268.90	270.40	297.50	299.00	267.97	0.75	30H-5, 80	30H-6, 80	272.60	274.10	301.04	302.54	274.35	0.75	267.97	274.35	271.16	3.19
Tc <i>Cyclicargolithus floridanus*</i>	13.34	34X-5, 80	34X-6, 80	314.10	315.60	349.93	351.43	316.50	0.75	35H-CC	36H-1, 70	321.32	321.60	355.10	355.74	319.34	0.32	36H-2, 80	36H-4, 80	318.70	321.70	353.27	356.27	322.52	1.50	316.50	322.52	319.51	3.01
T <i>Sphenolithus heteromorphus</i>	13.53	35X-2, 80	35X-CC	319.20	319.79	360.83	361.42	325.93	0.30	36H-6, 70	36H-7, 40	329.10	330.30	363.24	364.44	326.90	0.60	37H-1, 80	37H-2, 80	326.70	328.20	362.87	364.37	330.56	0.75	325.93	330.56	328.24	2.32
Tc <i>Discoaster deflandrei</i> †	15.69									42H-3, 120	42H-4, 45	382.10	382.85	426.14	426.89	383.21	0.38									383.21	383.21	383.21	0.38
B <i>Discoaster signus</i>	15.73									42H-4, 120	42H-5, 45	383.60	384.35	427.64	428.39	384.56	0.38									384.56	384.56	384.56	0.38
Bc <i>Sphenolithus heteromorphus</i>	17.74	44X-1, 2	44X-1, 80	402.82	403.60	448.68	449.46	405.30	0.39	45X-1, 125	45X-2, 70	407.85	408.71	453.18	454.04	407.56	0.43									405.30	407.56	406.43	1.13

* = age estimate from Raffi et al. (2006), † = decrease to ≤30% of total *Discoaster* assemblage. Age column data are from Backman et al. (2012). Top and bottom core, section, interval measurements and top and bottom CSF-A depths are from Table T4 in the "Site U1338" chapter (Expedition 320/321 Scientists, 2010b). Top and bottom CCSF-A depths are from Table T5 in Wilkens et al. (2013). Revised depth = midpoint CCSF-A (m)/hole growth factor (Fig. F1). Shaded = data from Ciommelli (2013), partly published by Backman et al. (2013). Bold = shallowest and deepest depths of individual biohorizons. T = top, Tc = top common, B = base, Bc = base common, TP = top paracme, BP = base paracme.