

Table T1. Planktonic foraminiferal species from early to mid-Pleistocene, Holes 1090B, 1090D, and 1090E. (See table notes. Continued on next six pages.)

Core, section, interval (cm)	Volume (cm ³)	Depth (mbsf)	Depth (mcd)		<i>G. bulloides</i>	<i>G. falconensis</i>	<i>G. aequilateralis</i>	<i>G. calida</i>	<i>G. bradyi</i>	<i>G. glutinata</i>	<i>G. ruber</i> (white)	<i>G. crassaformis</i>	<i>G. hirsuta</i>	<i>G. inflata</i>	<i>G. scitula</i>	<i>G. truncatulinoides</i> (right)	<i>G. truncatulinoides</i> (left)	<i>G. rubescens</i>	<i>N. pachyderma</i> (right)	<i>N. pachyderma</i> (left)	<i>O. universa</i>	<i>T. iota</i>	<i>T. quinqueloba</i>
			Top	Bottom																			
177-1090D-																							
2H-2, 58–60.5	40	9.48	11.63	11.66	41.52	0	0	0	0	8.33	0	7.34	0	5.58	0.37	0	0	0	5.21	29.41	0	0	2.23
2H-2, 68–70.5	40	9.58	11.73	11.76	25.86	0.28	0	0	2.71	5.54	0	1.95	0	0.11	0.11	0	0.2	0	2.26	56.46	0	0	4.52
2H-2, 78–80.5	40	9.68	11.83	11.86	17.34	0	0	0	0.71	11.65	0	4.72	0	17.44	0.94	0	0.04	0	5.04	41.41	0	0	0.71
2H-2, 88–90.5	40	9.78	11.93	11.96	25.27	0.4	0	0	0.8	8.92	0	6.27	0	16.12	0.5	0	0	0	2.41	36.9	0	0	2.41
2H-2, 98–100.5	40	9.88	12.03	12.06	15.25	0	0	0	0.33	9.28	0	8.89	0	27.63	1.99	0	0.33	0	7.46	27.51	0.01	0	1.33
2H-2, 108–110.5	40	9.98	12.13	12.16	11.45	0.87	0.04	0	0	7.8	0	5.79	0	30.91	2.28	0	0.48	0	24.84	15.35	0.19	0	0
2H-2, 118–120.5	40	10.08	12.23	12.26	9.58	0.07	0.9	0	0.8	11.9	0.4	10	0	28.82	0.9	0	0.47	0	12.44	17.92	1.02	0.8	3.98
2H-2, 128–130.5	40	10.18	12.33	12.36	13.43	0.4	0	0	0.4	10.26	0	8.32	0	27.09	1.41	0	1.25	0	15.25	18.14	0.87	0.8	2.39
2H-2, 138–140.5	40	10.28	12.43	12.46	9.55	0.36	0.45	0	0.73	11.63	0	6.39	0	26.54	0.23	0	1.82	0.55	15.9	21.44	0.43	1.09	2.91
2H-2, 148–150	40	10.38	12.53		16.29	0.12	0.49	0	0	14.46	0	5.47	0	19.97	2.15	0	1.13	0.93	16.49	19.63	1.01	0.46	1.39
2H-3, 8–10.5	40	10.48	12.63	12.66	30.44	0.36	0.09	0	0.36	9.6	0	6.27	0	17.27	1.81	0	1.13	0	9.96	17.93	0.07	0	4.71
2H-3, 18–20.5	40	10.58	12.73	12.76	34.77	0.45	0	0	1.55	6.09	0	4.99	0	9.52	0.66	0	0.32	0	11.01	25.77	0.19	0	4.66
2H-3, 28–30.5	40	10.68	12.83	12.86	31.65	0.22	0	0.09	0.6	5.85	0	5.87	0	7.33	0.67	0	0.09	0	16.49	26.91	0.02	0	4.2
2H-3, 38–40.5	40	10.78	12.93	12.96	42.72	1.53	0	0.02	0	4.58	0	3.86	0	12.02	0.8	0	0.08	0	11.09	17.2	0	0	6.11
2H-3, 48–50.5	40	10.88	13.03	13.06	24.83	0.17	0.27	0.08	0.81	6.91	0	2.63	0	2.25	0	0	0.07	0	8.42	48.75	0	0.27	4.56
2H-3, 58–60.5	40	10.98	13.13	13.16	47.05	0.69	0	0.1	1.97	1.28	0	1.5	0	0.69	0	0	0	0	4.93	39.03	0	0	2.76
2H-3, 68–70.5	40	11.08	13.23	13.26	46.19	0	0	0	0.99	1.23	0	8.29	0	0.71	0	0	0	0	1.97	39.13	0	0	1.48
2H-3, 78–80.5	40	11.18	13.33	13.36	15.57	0	0	0	2.66	2.12	0	3.43	0	0.31	0	0	0	0	2.91	71.33	0	0	1.66
2H-3, 88–90.5	40	11.28	13.43	13.46	19.02	0	0	0	2.86	1.61	0	5.73	0	3.07	0	0	0	0	3.13	62.44	0	0	2.14
2H-3, 98–100.5	40	11.38	13.53	13.56	4.43	0	0	0	1.03	2.14	0	0.23	0	0.31	0	0	0	0	3.17	88.18	0	0	0.51
2H-3, 108–110.5	40	11.48	13.63	13.66	7.43	0	0	0	0.62	0.17	0	0.41	0	0.17	0	0	0	0	4.69	86.51	0	0	0
2H-3, 118–120.5	40	11.58	13.73	13.76	6.92	0	0	0	1.69	0.9	0	1.99	0	0.23	0	0	0	0.85	6	78.03	0	0	3.39
2H-3, 128–130.5	40	11.68	13.83	13.86	7.38	0	0	0	1.36	0.51	0	1.29	0	0.19	0	0	0	0	0.54	88.28	0	0	0.45
2H-3, 138–140.5	40	11.78	13.93	13.96	27.85	0	0	0	0	2.99	0	0.3	0	1.1	0	0	0	0	0.73	67.04	0	0	0
2H-3, 147.5–150	40	11.88	14.03		20.73	0.15	0	0	0	1.63	0	1.35	0	1.04	0	0	0	0	1.39	73.7	0	0	0
2H-4, 8–10.5	40	11.98	14.13	14.16	18.73	0.06	0	0	0	0.81	0	0.75	0	0.49	0	0	0	0	6.17	70.67	0	0	2.31
2H-4, 18–20.5	40	12.08	14.23	14.26	13.29	0.11	0	0	0	0.65	0	3.86	0	1.13	0.11	0	0	0	2.48	76.66	0	0	1.72
2H-4, 28–30.5	40	12.18	14.33	14.36	5.5	0.02	0	0	0	2.39	0	0.52	0	0.05	0.52	0	0	0	4.38	81.94	0	0	4.69
2H-4, 38–40.5	40	12.28	14.43	14.46	11.09	0.14	0	0	1.11	2.53	0	0.88	0	1.04	0	0	0	0.14	3.41	76.9	0	0	2.77
2H-4, 48–50.5	40	12.38	14.53	14.56	15.67	0.51	0	0	0.23	2.11	0	4	0	0.58	0.11	0	0	0	1.54	74.8	0	0	0.46
2H-4, 58–60.5	40	12.48	14.63	14.66	17.98	0.3	0	0	2.52	4.64	0	0.61	0	0.07	0	0	0	0	1.78	70.84	0	0	1.26
2H-4, 68–70.5	40	12.58	14.73	14.76	17.4	0.44	0	0	2.42	4.11	0	1.63	0	0.64	0	0	0	0	0.98	69.14	0	0.4	2.83
2H-4, 78–80.5	40	12.68	14.83	14.86	18.45	0.47	0	0	2.15	5.64	0	2.68	0	0.47	0.03	0	0	0	3.26	65.25	0	0	1.61
2H-4, 88–90.5	40	12.78	14.93	14.96	21.19	0.79	0	0	1.05	2.77	0	4.92	0	0.65	0.02	0	0	0	1.38	66.72	0	0	0.52
2H-4, 98–100.5	40	12.88	15.03	15.06	0.85	0	0	0	1.67	2.31	0	2.19	0	0.13	0	0	0	0	1.72	88.92	0	0	2.22
2H-4, 108–110.5	40	12.98	15.13	15.16	26.85	2.26	0	0	0.75	1.79	0	1.35	0	1.35	0	0	0	0	1.98	62.92	0	0	0.75
2H-4, 118–120.5	40	13.08	15.23	15.26	34.46	0.81	0	0.04	0.56	4.22	0	3.26	0	0.66	0	0	0	0	0.63	54.81	0	0	0.56
2H-4, 128–130.5	40	13.18	15.33	15.36	39.06	1.34	0	0.12	0.45	7.23	0	1.11	0	0.98	0.45	0	0	0.45	2.13	45.35	0	0.45	0.9
2H-4, 138–140.5	40	13.28	15.43	15.46	36.12	1.32	0	0.05	1.86	3.49	0	2.85	0	0.7	0	0	0	0	2.56	49.81	0	0	1.24
2H-4, 148–150	40	13.38	15.53		30.24	1.78	0	0.01	3.47	5.5	0	1.66	0	1.31	0.39	0	0	0	4.05	49.67	0	0	1.93

Table T1 (continued).

Core, section, interval (cm)	Volume (cm ³)	Depth (mbsf)	Depth (mcd)		<i>G. bulloides</i>	<i>G. falconensis</i>	<i>G. aequilateralis</i>	<i>G. calida</i>	<i>G. bradyi</i>	<i>G. glutinata</i>	<i>G. ruber</i> (white)	<i>G. crassaformis</i>	<i>G. hirsuta</i>	<i>G. inflata</i>	<i>G. scitula</i>	<i>G. truncatulinoides</i> (right)	<i>G. truncatulinoides</i> (left)	<i>G. rubescens</i>	<i>N. pachyderma</i> (right)	<i>N. pachyderma</i> (left)	<i>O. universa</i>	<i>T. iota</i>	<i>T. quinqueloba</i>
			Top	Bottom																			
2H-5, 8–10.5	40	13.48	15.63	15.66	35.44	2.13	0	0	3.31	6.98	0	0.63	0	0.59	0.65	0	0	0	4.14	44.24	0	0	1.89
2H-5, 18–20.5	40	13.58	15.73	15.76	32.11	2.13	0	0	0.96	5.82	0	0.51	0	0.21	0	0	0.11	0	1.02	55.2	0	0	1.92
2H-5, 28–30.5	40	13.68	15.83	15.86	25.27	1.06	0	0	0.68	1.01	0	0.62	0	0.39	0.68	0	0.16	0	2.19	65.93	0	0	2.03
2H-5, 38–40.5	40	13.78	15.93	15.96	30.72	1.47	0	0	1.58	2.53	0	1.97	0	0.52	0.63	0	0.24	0	4.59	53.21	0	0	2.53
2H-5, 48–50.5	40	13.88	16.03	16.06	34.63	1.66	0	0	1.28	3.48	0	3.56	0	0.41	0.43	0	0.08	0	2.57	45.91	0	0	5.99
2H-5, 58–60.5	40	13.98	16.13	16.16	25.69	1.48	0	0	0.66	4.44	0	10.3	0	10.67	0.33	0	0.02	0	4.94	40.48	0	0	0.99
2H-5, 68–70.5	40	14.08	16.23	16.26	23.48	1.17	0	0	1.37	5.14	0	2.39	0	0.09	0.77	0	0.13	0	4.92	52.53	0	0	8
2H-5, 78–80.5	40	14.18	16.33	16.36	34	2.04	0	0.04	6.86	6.93	0	1.79	0	0.91	0	0	0	0	3.72	41.44	0	0	2.29
2H-5, 88–90.5	40	14.28	16.43	16.46	14.38	0.05	0	0	6.82	3.84	0	4.55	0	0.14	0.85	0	0.03	0	3.09	63.7	0	0	2.56
2H-5, 98–100.5	40	14.38	16.53	16.56	15.34	0.72	0	0	5.29	3.49	0	4.9	0	0.65	0	0	0	0	2.89	64.31	0	0	2.4
2H-5, 108–110.5	40	14.48	16.63	16.66	9.6	0.24	0	0	6.52	1.55	0	4.34	0	0.11	0	0	0	0	1.71	74.06	0	0	1.86
2H-5, 118–120.5	40	14.58	16.73	16.76	7.66	0.29	0	0	5.14	1.22	0	1.81	0	0.23	0.51	0	0	0	5.24	74.8	0.01	0	3.09
177-1090B-																							
3H-1, 139–141.5	40	15.09	16.83	16.86	6.63	0.31	0	0	3.34	2.71	0	7.32	0	0.27	0.07	0	0	0	3.54	72.46	0	0	3.34
3H-1, 148–150	40	15.18	16.93		5.26	0.15	0	0	2.84	1.07	0	3.95	0	0.16	0	0	0	0	2.43	81.3	0	0	2.84
3H-2, 8–10.5	40	15.28	17.03	17.06	7.09	0.33	0	0	2.62	1.75	0	7.75	0	0.44	0	0	0	0	2.19	77.4	0	0	0.44
3H-2, 18–20.5	40	15.38	17.13	17.16	27.98	0	0	0	0	0.75	0	6.35	0	0.17	0.37	0	0	0	2.71	59.06	0	0	2.61
3H-2, 28–30.5	40	15.48	17.23	17.26	28.58	0.91	0	0	0.48	3.15	0	2.96	0	0.12	0.48	0	0	0	5.87	52.85	0	0	4.6
3H-2, 38–40.5	40	15.58	17.33	17.36	60.71	1.53	0	0.1	0.19	4.7	0	3.52	0	0.86	0	0	0.19	0	3.64	23.39	0	0	1.15
3H-2, 48–50.5	40	15.68	17.43	17.46	42.54	1.79	0	0.17	0	5.64	0	2.31	0	0.72	0.21	0	0.07	0	4.44	40.02	0	0	2.09
3H-2, 58–60.5	40	15.78	17.53	17.56	38.91	2.11	0	0.04	0	6.53	0	1.72	0	1.02	0.13	0	0	0	6.88	39.13	0	0	3.53
3H-2, 68–70.5	40	15.88	17.63	17.66	14.13	0.36	0	0	0.38	0.62	0	1.04	0	0.32	0.38	0	0	0	1.33	80.31	0	0	1.14
3H-2, 78–80.5	40	15.98	17.73	17.76	19.16	0.65	0	0	1.2	2.29	0	1.01	0	0.53	0.15	0	0	0	2.99	70.83	0	0	1.2
3H-2, 88–90.5	40	16.08	17.83	17.86	26.37	1.17	0	0	0.61	2.34	0	2	0	0.57	0	0	0	0	2.44	61.24	0	0	3.26
3H-2, 98–100.5	40	16.18	17.93	17.96	38.58	1.92	0	0	1.68	2.52	0	4.12	0	1.5	0.36	0	0	0	2.04	45.35	0	0	1.92
3H-2, 108–110.5	40	16.28	18.03	18.06	28.25	0.91	0	0	0.81	1.52	0	3.61	0	0.75	0	0	0	0	2.48	59.24	0	0	2.43
3H-2, 118–120.5	40	16.38	18.13	18.16	36.79	1.98	0	0	0.47	4.65	0	2.88	0	0.89	0.12	0	0	0	6.51	39.44	0	0	6.28
3H-2, 128–130.5	40	16.48	18.23	18.26	37.17	0.83	0	0.07	0	6.51	0	3.42	0	1.67	0.66	0	0	0	11.89	28.15	0	0	9.65
3H-2, 138–140.5	40	16.58	18.33	18.36	21.66	0.48	0	0.05	1.46	6.87	0	3.18	0	1.01	0.06	0	0	0	17.23	38.47	0	0	9.55
3H-2, 148–150	40	16.68	18.43		13.69	0.24	0	0	1.15	2.16	0	3.3	0	0.26	0	0	0	0	3.46	73.04	0	0	2.69
3H-3, 8–10.5	40	16.78	18.53	18.56	13.47	0.37	0	0	1.12	2.81	0	1.53	0	0.33	0.01	0	0	0	2.79	73.12	0	0	4.46
3H-3, 18–20.5	40	16.88	18.63	18.66	3.52	0.03	0	0	3.32	0.73	0	0.69	0	0.33	0	0	0	0	4.02	84.45	0	0	2.91
3H-3, 28–30.5	40	16.98	18.73	18.76	0.43	0	0	0	4.32	1.44	0	0.12	0	0.09	0	0	0	0	2.99	85.92	0	0	4.68
3H-3, 38–40.5	40	17.08	18.83	18.86	1.12	0.02	0	0	1.86	0.27	0	0.12	0	0.27	0	0	0	0	2.94	87.31	0	0	6.1
3H-3, 48–50.5	40	17.18	18.93	18.96	1.12	0	0	0	2.87	0.45	0	0.29	0	0.03	0	0	0	0	3.97	84.07	0	0	7.19
3H-3, 58–60.5	40	17.28	19.03	19.06	0.57	0	0	0	2.31	0.77	0	0.07	0	0.02	0.01	0	0	0	4	84.8	0	0	7.45
3H-3, 68–70.5	40	17.38	19.13	19.16	0.73	0	0	0	1.91	1.28	0	0.06	0	0.02	0	0	0	0	5.23	84.32	0	0	6.45
3H-3, 78–80.5	40	17.48	19.23	19.26	2.12	0.17	0	0	4.51	1.79	0	0.13	0	0.21	0	0	0	0	2.62	82.33	0	0	6.12
3H-3, 88–90.5	40	17.58	19.33	19.36	0.38	0	0	0	6.44	3.48	0	0.01	0	0	0	0	0	0	3.39	80.97	0	0	5.34
3H-3, 98–100.5	40	17.68	19.43	19.46	2.37	0	0	0	7.51	5.27	0	0.01	0	0.03	0	0	0	0	5	77.56	0	0	2.24
3H-3, 108–110.5	40	17.78	19.53	19.56	1.52	0.01	0	0	5.56	4.25	0	0.2	0	0.01	0	0	0	0	5.24	79.28	0	0	3.93
3H-3, 118–120.5	40	17.88	19.63	19.66	0.82	0	0	0	6.37	2.83	0	0.41	0	0.06	0.3	0	0	0	3.29	82.27	0	0	3.64

Table T1 (continued).

Core, section, interval (cm)	Volume (cm ³)	Depth (mbsf)	Depth (mcd)		<i>G. bulloides</i>	<i>G. falconensis</i>	<i>G. aequilateralis</i>	<i>G. calida</i>	<i>G. bradyi</i>	<i>G. glutinata</i>	<i>G. ruber</i> (white)	<i>G. crassaformis</i>	<i>G. hirsuta</i>	<i>G. inflata</i>	<i>G. scitula</i>	<i>G. truncatulinoides</i> (right)	<i>G. truncatulinoides</i> (left)	<i>G. rubescens</i>	<i>N. pachyderma</i> (right)	<i>N. pachyderma</i> (left)	<i>O. universa</i>	<i>T. iota</i>	<i>T. quinqueloba</i>
			Top	Bottom																			
3H-3, 128–130.5	40	17.98	19.73	19.76	0.64	0	0	0	9.66	2.42	0	0.1	0	0.08	0	0	0	0	4.44	80.99	0	0	1.66
3H-3, 138–140.5	40	18.08	19.83	19.86	0.59	0.03	0	0	5.59	1.32	0	0.16	0	0.03	0	0	0	0	2.21	87.9	0	0	2.18
3H-3, 148–150	40	18.18	19.93		0.2	0	0	0	4.44	1.04	0	0.38	0	0	0	0	0	0	3.29	88.11	0	0	2.54
3H-4, 8–10.5	40	18.28	20.03	20.06	1.66	0	0	0	3.79	1.37	0	0.37	0	0.15	0	0	0	0	2.58	88.34	0	0	1.74
3H-4, 18–20.5	40	18.38	20.13	20.16	0.92	0	0	0	4.83	0.96	0	0.39	0	0.01	0	0	0	0	1.61	88.46	0	0	2.81
3H-4, 28–30.5	40	18.48	20.23	20.26	0.99	0	0	0	7.53	1.84	0	0.22	0	0.01	0	0	0	0	4.1	83.98	0	0	1.33
3H-4, 38–40.5	40	18.58	20.33	20.36	0.74	0	0	0	3.36	1.78	0	0.49	0	0.02	0.01	0	0	0	2.57	89.77	0	0	1.26
3H-4, 48–50.5	40	18.68	20.43	20.46	1.87	0.11	0	0	2.51	1.62	0	0.93	0	0.48	0	0	0	0	4.73	85.24	0	0	2.51
3H-4, 58–60.5	40	18.78	20.53	20.56	1.04	0.06	0	0	5.31	1.12	0	0.96	0	0.16	0.01	0	0	0	1.51	86.72	0.01	0	3.1
3H-4, 68–70.5	40	18.88	20.63	20.66	1.74	0.04	0	0	5.61	2.54	0	0.46	0	0.04	0	0	0	0	4.44	82.61	0	0	2.53
3H-4, 78–80.5	40	18.98	20.73	20.76	0.86	0.05	0	0	2.56	1.41	0	0.28	0	0.1	0	0	0	0	3.42	86.58	0	0	4.74
3H-4, 88–90.5	40	19.08	20.83	20.86	0.7	0	0	0	3.59	1.96	0	0.57	0	0.02	0	0	0	0	0.49	89.07	0	0	3.59
3H-4, 98–100.5	40	19.18	20.93	20.96	5.85	0	0	0	0.5	1.63	0	1.29	0	0.26	0.5	0	0	0	5.01	82.47	0	0	2.5
3H-4, 108–110.5	40	19.28	21.03	21.06	2.12	0.05	0	0	1.63	1.48	0	0.28	0	5.05	0.05	0	0	0	2.04	86.08	0	0	1.22
3H-4, 118–120.5	40	19.38	21.13	21.16	1.1	0	0	0	3.57	0.89	0	0.05	0	0.26	0	0	0	0	2.38	89.51	0	0	2.23
3H-4, 128–130.5	40	19.48	21.23	21.26	0.5	0	0	0	1.37	1.07	0	0.02	0	0.02	0.35	0	0	0	1.05	92.19	0	0	3.44
3H-4, 138–140.5	40	19.58	21.33	21.36	0.52	0	0	0	0.36	0.06	0	0.1	0	0.44	0	0	0	0	2.23	95.77	0	0	0.54
3H-4, 144–148	40	19.64	21.43		0.83	0	0	0	0	0.04	0	0.05	0	0.52	0	0	0	0	2.49	93.92	0	0	2.14
3H-5, 8–10.5	40	19.78	21.53	21.56	0.71	0	0	0	0	0.6	0	0.16	0	2.81	0.53	0	0	0	1.06	92.46	0	0	1.66
3H-5, 18–20.5	40	19.88	21.63	21.66	1.16	0	0	0	0	0.13	0	0.12	0	2.45	0.03	0	0.01	0	2.25	89.49	0	0	4.37
3H-5, 28–30.5	40	19.98	21.73	21.76	3.12	0.12	0	0	0	0.89	0	0.24	0	2.42	0.57	0	0	0	2.33	83.43	0	0	6.89
3H-5, 38–40.5	40	20.08	21.83	21.86	5.14	0	0	0	0	3.18	0	0.21	0	4.39	0.01	0	0.01	0	6.87	71.03	0	0	9.16
3H-5, 48–50.5	40	20.18	21.93	21.96	14.56	0.5	0	0	0	7.29	0	1.53	0	3.62	2.01	0	0	0	5.83	53.66	0	0	11
3H-5, 58–60.5	40	20.28	22.03	22.06	16.64	1.24	0	0.02	0	5.63	0	1.9	1.14	7.78	0.4	0	0	0	6.18	49.17	0	0	9.89
3H-5, 68–70.5	40	20.38	22.13	22.16	17.73	1.03	0	0.02	0	6.7	0	3.47	0	8.7	1.4	0	0	0	10.03	42.71	0	0	8.22
177-1090D-																							
3H-2, 76–78.5	40	19.16	22.23	22.26	11.92	0.52	0	0.02	0.34	6.85	0	2.38	0.08	6.52	2.09	0	0	0	10.66	49.9	0	0	8.71
3H-2, 86–88.5	40	19.26	22.33	22.36	9.06	0.08	0	0	0	5.61	0	1.1	1.04	6.19	0.88	0	0	0	6.24	60.62	0	0	9.19
3H-2, 96–98.5	40	19.36	22.43	22.46	8.34	0.33	0	0	0	9.53	0	1.26	0.71	5.5	1.89	0	0	0	7.16	53.65	0	0	11.64
3H-2, 106–108.5	40	19.46	22.53	22.56	18.19	0.22	0	0	0	10.17	0	1.27	1.41	5.54	1.61	0	0	0	9.46	43.63	0	0	8.49
3H-2, 116–118.5	40	19.56	22.63	22.66	26.9	0.21	0	0	0	2.05	0	1.13	0	2.58	0	0	0	0	2.46	57.67	0.02	0	6.98
3H-2, 126–128.5	40	19.66	22.73	22.76	15.86	0.06	0	0	0.47	4.44	0	1.8	0	1.77	0.12	0	0	0	2.8	70.31	0.03	0	2.34
3H-2, 136–138.5	40	19.76	22.83	22.86	2.83	0.01	0	0	0.8	0.43	0	0.09	0	0.68	1.21	0	0	0	2.09	87.04	0	0	4.82
3H-2, 146–148.5	40	19.86	22.93	22.96	0.35	0	0	0	1.85	0.09	0	0.39	0	0.51	0.01	0	0	0	1.68	93.28	0	0	1.85
3H-3, 2–4	40	19.92	22.99	23.01	2.79	0	0	0	0	0.14	0	0.01	0	0.62	0.58	0	0	0	2.44	89.38	0	0	4.03
3H-3, 12–14	40	20.02	23.09	23.11	6.4	0	0	0	1.2	0.15	0	0.03	0	0.79	0.75	0	0	0	1.37	85.1	0	0	4.21
3H-3, 22–24	40	20.12	23.19	23.21	6.9	0.06	0	0	1.06	0.41	0	0.37	0	0.74	0	0	0	0	2.67	83.9	0	0	3.9
3H-3, 32–34	40	20.22	23.29	23.31	10.04	0	0	0	0.56	1.26	0	0.02	0	1.05	0	0	0	0	2.93	81.85	0	0	2.3
3H-3, 42–44	40	20.32	23.39	23.41	11.4	0	0	0	0.55	1.65	0	0.05	0	11.92	1.14	0	0	0	1.65	68.33	0	0	3.3
3H-3, 52–54	40	20.42	23.49	23.51	1.96	0	0	0	0	1.96	0	0	0	0.84	0	0	0	0	0.62	92.16	0	0	2.46
3H-3, 62–64	40	20.52	23.59	23.61	0.59	0	0	0	0	0.01	0	0	0	0.87	0	0	0	0	0.44	97.26	0	0	0.83
3H-3, 72–74	40	20.62	23.69	23.71	0.76	0	0	0	1.32	0.88	0	0	0	1.16	0	0	0	0	0.47	94.09	0	0	1.32

Table T1 (continued).

Core, section, interval (cm)	Volume (cm³)	Depth (mbsf)	Depth (mcd)		<i>G. bulloides</i>	<i>G. falconensis</i>	<i>G. aequilateralis</i>	<i>G. calida</i>	<i>G. bradyi</i>	<i>G. glutinata</i>	<i>G. ruber</i> (white)	<i>G. crassaformis</i>	<i>G. hirsuta</i>	<i>G. inflata</i>	<i>G. scitula</i>	<i>G. truncatulinoides</i> (right)	<i>G. truncatulinoides</i> (left)	<i>G. rubescens</i>	<i>N. pachyderma</i> (right)	<i>N. pachyderma</i> (left)	<i>O. universa</i>	<i>T. iota</i>	<i>T. quinqueloba</i>
			Top	Bottom																			
3H-3, 82–84	40	20.72	23.79	23.81	0.94	0	0	0	0.78	0.78	0	0.02	0	1.95	0.05	0	0	0	0.98	93.71	0	0	0.78
3H-3, 92–94	40	20.82	23.89	23.91	0.05	0	0	0	0.4	0.45	0	0.01	0	2.12	0	0	0	0	0.85	94.91	0	0	1.21
3H-3, 102–104	40	20.92	23.99	24.01	0.64	0	0	0	0.51	0.58	0	0.1	0	3	0	0	0	0	2.56	90.56	0	0	2.05
3H-3, 112–114	40	21.02	24.09	24.11	1.29	0	0	0	0	0.89	0	0.54	0	11.87	0	0	0	0	1.78	79.02	0	0	4.62
3H-3, 122–124	40	21.12	24.19	24.21	2.26	0	0	0	0.68	0.77	0	0.35	0	10.59	0.04	0	0	0	3.58	75.6	0	0	6.13
3H-3, 132–134	40	21.22	24.29	24.31	1.37	0	0	0	2.08	0.59	0	0.34	0	5.54	0	0	0	0	1.69	83.69	0	0	4.69
3H-3, 142–144	40	21.32	24.39	24.41	3.8	0	0	0	0	0.31	0	1.07	0	9.04	0	0	0	0	0.62	79.59	0	0	5.58
3H-4, 6–8.5	40	21.46	24.53	24.56	2.33	0.41	0	0	0	3.83	0	3.22	0	23.38	0	0	0	0	3.29	58.61	0	0	4.93
3H-4, 16–18.5	40	21.56	24.63	24.66	7.03	0.1	0	0	0	4.86	0	1.05	0.02	8.73	1.56	0	0	0	3.83	65.93	0	0	6.89
3H-4, 26–28.5	40	21.66	24.73	24.76	7.33	0.76	0	0.32	0	6.77	0	1.91	0	9.11	0.96	0	0	0	4.46	61.38	0	0.32	6.69
3H-4, 36–38.5	40	21.76	24.83	24.86	18.24	0.2	0	0	0	10.09	0	2.26	0	10.17	1.84	0	0	0	7.85	45.33	0	0	4.03
3H-4, 46–48.5	40	21.86	24.93	24.96	19.19	2.49	0	0	0	4.64	0	2.86	0	9.6	2.46	0	0	0	6.76	44.65	0	0	7.37
3H-4, 56–58.5	40	21.96	25.03	25.06	20.42	2.07	0	0.05	0	8.9	0	1.26	0	9.94	1.67	0	0	0	16.35	32.5	0	0	6.83
3H-4, 66–68.5	40	22.06	25.13	25.16	11.98	0.19	0	0	0	3.29	0	1.04	0	6.35	2.02	0	0	0	13.72	57.36	0	0	4.05
3H-4, 76–78.5	40	22.16	25.23	25.26	12.18	0.3	0	0	0	5.71	0	2.14	0	11.66	1.67	0	0	0	6.89	53.94	0	0	5.51
3H-4, 86–88.5	40	22.26	25.33	25.36	9.9	0.05	0	0	0.42	3.79	0	2.8	0	16.84	1.26	0	0	0	3.79	55.19	0	0	5.95
3H-4, 96–98.5	40	22.36	25.43	25.46	12.2	0	0	0	0	6.46	0	1.47	0	16.52	0.58	0	0	0	5.37	52.81	0	0	4.6
3H-4, 106–108.5	40	22.46	25.53	25.56	2.05	0	0	0	0	3.09	0	0.52	0	8.53	0.03	0	0	0	0.53	81.41	0	0	3.84
3H-4, 116–118.5	40	22.56	25.63	25.66	3.63	0	0	0	0	1.46	0	0.89	0	2.36	2.05	0	0	0	2.77	84.79	0	0	2.05
3H-4, 126–128.5	40	22.66	25.73	25.76	1.36	0	0	0	0	0.42	0	0.12	0	2.39	0.01	0	0	0	0.57	94.3	0	0	0.83
3H-4, 136–138.5	40	22.76	25.83	25.86	0.96	0	0	0	0	0.04	0	0.14	0	2.82	0.02	0	0	0	2.53	92.26	0	0	1.22
3H-4, 146–148.5	40	22.86	25.93	25.96	3.45	0	0	0	0	0.65	0	0.89	0	3.57	0.01	0	0	0	3.53	86.75	0	0	1.15
3H-5, 6–8.5	40	22.96	26.03	26.06	0.2	0	0	0	2.05	2.05	0	0.12	0	3.13	0	0	0	0	2.16	90.25	0	0	0.03
3H-5, 16–18.5	40	23.06	26.13	26.16	0.39	0	0	0	0	0.09	0	1.32	0	7.27	0	0	0	0	1.47	87.99	0	0	1.47
3H-5, 26–28.5	40	23.16	26.23	26.26	0.67	0	0	0	1.14	0.6	0	1.04	0	7.47	0	0	0	0	2.31	85.64	0	0	1.14
3H-5, 36–38.5	40	23.26	26.33	26.36	1.11	0	0	0	0.45	0.89	0	0.37	0	4.74	0.45	0	0	0	2.7	88.8	0	0	0.5
3H-5, 46–48.5	40	23.36	26.43	26.46	1.32	0	0	0	0.57	1.18	0	0.51	0	5.56	0	0	0	0	1.18	87.98	0	0	1.71
3H-5, 56–58.5	40	23.46	26.53	26.56	0.2	0	0	0	0.63	0.16	0	0.56	0	7.64	0	0	0	0	3.8	85.67	0	0	1.35
3H-5, 66–68.5	40	23.56	26.63	26.66	1.11	0	0	0	1.36	0.06	0	0.3	0	6.63	0	0	0	0	1.82	86.45	0	0	2.27
3H-5, 76–78.5	40	23.66	26.73	26.76	0.13	0	0	0	0.5	1.13	0	0.31	0	4.26	0	0	0	0	0.63	90.55	0	0	2.5
3H-5, 86–88.5	40	23.76	26.83	26.86	0.44	0	0	0	0	0.9	0	0.32	0	4.08	0	0	0	0	2.57	90.84	0	0	0.85
3H-5, 96–98.5	40	23.86	26.93	26.96	3	0	0	0	0	1.63	0	1.72	0	13.86	0.09	0	0	0	1.71	75.6	0	0	2.4
3H-5, 106–108.5	40	23.96	27.03	27.06	8.15	0	0	0	0	3.91	0	2.73	0	17.33	0.05	0	0	0	2.98	63.36	0	0	1.49
177-1090E-																							
3H-2, 71–73.5	40	20.41	27.12	27.15	8.4	0.06	0	0	0	5.11	0	1.7	0	18.75	1.58	0	0	0	3.53	54.05	0	0	6.82
3H-2, 81–83.5	40	20.51	27.22	27.25	10.4	0	0	0	0.67	4.2	0	2.27	0	12.04	0.75	0	0	0	6.07	57.63	0	0	5.99
3H-2, 91–93.5	40	20.61	27.32	27.35	1.79	0.28	0	0	0	0.51	0	2.58	0	11.93	0.91	0	0	0	1.82	79.04	0	0	1.14
3H-2, 101–103.5	40	20.71	27.42	27.45	3.79	0.46	0	0	0	2.28	0	1.94	0	11.14	0.97	0	0	0	4.44	68.74	0	0	6.26
3H-2, 111–113.5	40	20.81	27.52	27.55	3.29	0.13	0	0	0	0.89	0	1.82	0	17.29	1.02	0	0	0	3.19	68.8	0	0	3.57
3H-2, 121–123.5	40	20.91	27.62	27.65	2.47	0	0	0	0	2.18	0	3.08	0	15.1	1.54	0	0	0	2.56	69.49	0	0	3.59
3H-2, 131–133.5	40	21.01	27.72	27.75	10.26	0.15	0	0	0	5.92	0	3.75	0	21.42	1.04	0	0	0	3.07	45.79	0	0	8.61
3H-2, 141–143.5	40	21.11	27.82	27.85	13.42	0.1	0	0	0	4.49	0	3.75	0	15.45	1.81	0	0	0	8.36	48.49	0	0	4.13

Table T1 (continued).

Core, section, interval (cm)	Volume (cm ³)	Depth (mbsf)	Depth (mcd)		<i>G. bulloides</i>	<i>G. falconensis</i>	<i>G. aequilateralis</i>	<i>G. calida</i>	<i>G. bradyi</i>	<i>G. glutinata</i>	<i>G. ruber</i> (white)	<i>G. crassaformis</i>	<i>G. hirsuta</i>	<i>G. inflata</i>	<i>G. scitula</i>	<i>G. truncatulinoides</i> (right)	<i>G. truncatulinoides</i> (left)	<i>G. rubescens</i>	<i>N. pachyderma</i> (right)	<i>N. pachyderma</i> (left)	<i>O. universa</i>	<i>T. iota</i>	<i>T. quinqueloba</i>
			Top	Bottom																			
3H-3, 1–3.5	40	21.21	27.92	27.95	11.5	0.18	0	0	0	5.57	0	2.45	0	16.12	2.99	0	0	0	4.24	52.52	0	0	4.42
3H-3, 11–13.5	40	21.31	28.02	28.05	12.53	0.21	0	0	0.43	7.09	0	1.99	0.03	11.21	1.28	0	0	0	3.3	56.82	0	0	5.12
3H-3, 21–23.5	40	21.41	28.12	28.15	27.96	0.49	0	0.07	0	6.83	0	2.05	0.05	11.27	1.35	0	0	0	3.76	42.43	0.02	0	3.72
3H-3, 31–33.5	40	21.51	28.22	28.25	17.09	0.03	0	0.13	0	8.65	0	2.47	0.46	17.1	0.52	0	0	0	6.57	41.04	0.03	0	5.92
3H-3, 41–43.5	40	21.61	28.32	28.35	11.73	0	0	0	0	4.61	0	1.95	0	7.61	0	0	0	0	4.15	64.75	0.05	0	5.15
3H-3, 51–53.5	40	21.71	28.42	28.45	1.68	0	0	0	0	0.78	0	0.48	0	0.84	0	0	0	0	3.77	90.57	0	0	1.88
3H-3, 61–63.5	40	21.81	28.52	28.55	4.88	0	0	0	0	0.97	0	1.56	0	2.96	0.55	0	0	0	6.43	79.25	0.01	0	3.4
3H-3, 81–83.5	40	22.01	28.72	28.75	3.36	0	0	0	0	0.08	0	0.13	0	1.47	0	0	0	0	1.74	93.22	0	0	0
3H-3, 91–93.5	40	22.11	28.82	28.85	6.11	0.19	0	0	0	0.47	0	1.59	0	5.58	0	0	0	0	0.85	83.33	0	0	1.88
3H-3, 101–103.5	40	22.21	28.92	28.95	5.66	0	0	0	0	1	0	1.09	0	8.38	0	0	0	0	5.14	77.97	0	0	0.76
3H-3, 111–113.5	40	22.31	29.02	29.05	5.79	0.08	0	0	0	0	0	1.09	0	3.09	0	0	0	0	2.71	86.26	0	0	0.98
3H-3, 121–123.5	40	22.41	29.12	29.15	4.51	0.03	0	0	0	1.6	0	0.06	0	2.57	0	0	0	0	4	87.23	0	0	0
3H-3, 141–143.5	40	22.61	29.32	29.35	4.05	0.03	0	0	0	1.73	0	0.11	0	3.29	0	0	0	0	2.82	87.96	0	0	0
3H-4, 11–13.5	40	22.81	29.52	29.55	5.59	0.67	0	0	0	3.82	0	1.04	0	7.91	0.68	0	0	0	2.48	74.83	0.01	0	2.97
3H-4, 31–33.5	40	23.01	29.72	29.75	4.61	0.19	0	0	0	2.25	0	1.92	0.04	7.81	0.61	0	0	0	1.95	79.7	0	0	0.92
3H-4, 51–53.5	40	23.21	29.92	29.95	4.51	0	0	0	0	0	0	0.25	0	2.05	0	0	0	0	1.83	90.47	0	0	0.9
3H-4, 71–73.5	40	23.41	30.12	30.15	6.61	0.19	0	0	0	8.81	0	2.08	0	6.87	0.71	0	0	0	7.36	64.67	0	0	2.7
3H-4, 91–93.5	40	23.61	30.32	30.35	7.89	0	0	0	0	5.22	0	0.41	0	8	0.79	0	0	0	4.19	71.92	0	0	1.58
177-1090D-																							
4H-1, 101–103.5	40	27.41	30.4	30.43	6.57	0.19	0	0	0	8.73	0	3.98	0	11.27	0	0	0	0	4.96	62.46	0	0	1.85
4H-1, 111–113.5	40	27.51	30.5	30.53	14.17	0.16	0	0	0	6.61	0	2.16	0	5.43	0.07	0	0	0	2.85	67.54	0.12	0	0.9
4H-1, 121–123.5	40	27.61	30.6	30.63	8.86	0.5	0.06	0.15	0	4.99	0	2	0	11.79	0.55	0	0	0	2.98	65.18	0.11	0	2.83
4H-1, 131–133.5	40	27.71	30.7	30.73	5.18	0.13	0	0.03	0	7.05	0	2.05	0	9.73	1.17	0	0	0	8.19	57.68	0.01	0	8.77
4H-1, 141–143.5	40	27.81	30.8	30.83	5.82	0	0	0	0	7.27	0	2.48	0	7.62	0.22	0	0	0	1.18	74.22	0.03	0	1.16
4H-2, 1–3.5	40	27.91	30.9	30.93	6.4	0	0	0	0	1.36	0	2.5	0	15.83	0	0	0	0	1.75	71.78	0	0	0.39
4H-2, 21–23.5	40	28.11	31.1	31.13	7.8	0.14	0	0	0	2.59	0	1.92	0	3.39	0	0	0	0	2.45	79.54	0	0	2.18
4H-2, 41–43.5	40	28.31	31.3	31.33	11.9	0.33	0	0	0	6.69	0	2.76	0	5.98	0	0	0	0	1.74	64.18	0	0	6.42
4H-2, 61–63.5	40	28.51	31.5	31.53	6.94	0	0	0	0	1.07	0	2.36	0	10.85	0.36	0	0	0	0.8	76.38	0	0	1.25
4H-2, 81–83.5	40	28.71	31.7	31.73	10.61	0	0	0	0	3.97	0	3.53	0	14.33	0.63	0	0	0	2.62	60.35	0.08	0	3.89
4H-2, 101–103.5	40	28.91	31.9	31.93	8.01	0.07	0	0	0	4.82	0	3.79	0	12.56	0.13	0	0	0	1.2	65.13	0	0	4.28
4H-2, 121–123.5	40	29.11	32.1	32.13	3.01	0	0	0	0	0.59	0	0.19	0	4.35	0.54	0	0	0	3.38	85.23	0	0	2.71
4H-2, 141–143.5	40	29.31	32.3	32.33	4.56	0	0	0	0	1.45	0	1.31	0	6.24	0	0	0	0	4.36	77.29	0	0	4.78
4H-3, 11–13.5	40	29.51	32.5	32.53	13.09	0	0	0	0	3	0	0.94	0	5.47	0	0.02	0.02	0	1.95	72.26	0	0	3.25
4H-3, 31–33.5	40	29.71	32.7	32.73	11.32	2.87	0	0.75	0	5.69	0	0.55	0	4.63	0.71	0	0	0	4.28	62.14	0	0	7.06
4H-3, 51–53.5	40	29.91	32.9	32.93	4.89	0.58	0	0	0	1.29	0	1.23	0	6.1	0	0	0	0	2.01	82.17	0	0	1.73
4H-3, 71–73.5	40	30.11	33.1	33.13	1.81	0.47	0	0	0.47	0.47	0	0.63	0.03	3.78	0.03	0	0	0	3.43	87.92	0	0	0.95
4H-3, 91–93.5	40	30.31	33.3	33.33	1.66	0	0	0	0.71	1.44	0	1.72	0	6.5	0.02	0	0	0	2.83	83.71	0	0	1.42
4H-3, 111–113.5	40	30.51	33.5	33.53	2.68	0	0	0	0	2.47	0	0.76	0.1	16.15	0	0	0	0	1.71	75.32	0	0	0.81
4H-3, 131–133.5	40	30.71	33.7	33.73	9.22	0	0	0	0	5.43	0	2.7	0	14.11	0.64	0	0.08	0	5.86	54.35	0	0	7.61
4H-4, 1–3.5	40	30.91	33.9	33.93	16.62	2.47	0	0.4	0	9.54	0	1.84	0	12.07	1.42	0	0.5	0	4.95	40.91	0	0.71	8.57
4H-4, 21–23.5	40	31.11	34.1	34.13	17.54	3.11	0	1.32	0	8.35	0.08	0.88	0	17.77	1.39	0	1.41	0	4.67	39.54	0	0	3.93
4H-4, 41–43.5	40	31.31	34.3	34.33	15.04	4.54	0	0.79	0.38	7.08	0	2.02	0	10.29	0.95	0	0.05	0	5.11	46.63	0	0	7.11

Table T1 (continued).

Core, section, interval (cm)	Volume (cm³)	Depth (mbsf)	Depth (mcd)		<i>G. bulloides</i>	<i>G. falconensis</i>	<i>G. aequilateralis</i>	<i>G. calida</i>	<i>G. bradyi</i>	<i>G. glutinata</i>	<i>G. ruber</i> (white)	<i>G. crassaformis</i>	<i>G. hirsuta</i>	<i>G. inflata</i>	<i>G. scitula</i>	<i>G. truncatulinoides</i> (right)	<i>G. truncatulinoides</i> (left)	<i>G. rubescens</i>	<i>N. pachyderma</i> (right)	<i>N. pachyderma</i> (left)	<i>O. universa</i>	<i>T. tota</i>	<i>T. quinqueloba</i>
			Top	Bottom																			
4H-4, 61–63.5	40	31.51	34.5	34.53	10.87	4.25	0	0.69	0	2.75	0	1.51	0	9.34	0.74	0	0.02	0	4.81	53.25	0	0	11.77
4H-4, 81–83.5	40	31.71	34.7	34.73	5.93	0.8	0	0	0	1.78	0	2.33	0	8.58	0.03	0	0	0	2.4	71.73	0	0	6.45
4H-4, 101–103.5	40	31.91	34.9	34.93	8.39	1.21	0	0	0	1.81	0	0.57	0	9.32	0.21	0	0	0	1.71	75.18	0	0	1.61
4H-4, 121–123.5	40	32.11	35.1	35.13	10.76	1.02	0	0	0	2.16	0	2.28	0	13.01	1.08	0	0	0	4.7	60.93	0	0	4.06
4H-4, 141–143.5	40	32.31	35.3	35.33	7.98	2.01	0	0	0	3.29	0	0.92	0	9.82	0.03	0	0	0	5.74	68.35	0	0	1.86
4H-5, 11–13.5	40	32.51	35.5	35.53	1.63	0.62	0	0	0	1.25	0	0.49	0	6.98	0	0	0	0	1.48	86.93	0	0	0.62
4H-5, 31–33.5	40	32.71	35.7	35.73	3.48	0.58	0	0	0	0.18	0	0.4	0	7.44	0	0	0.04	0	1.75	84.38	0	0	1.75
4H-5, 51–53.5	40	32.91	35.9	35.93	3.82	0	0	0	0	0.81	0	0.28	0	3.35	0.45	0	0.05	0	4.58	78.25	0	0.23	8.18
4H-5, 61–63.5	40	33.01	36	36.03	8.85	0.82	0	0.06	0	0.84	0	1.1	0	3.02	1.02	0	0.03	0	2.93	76.56	0	0	4.78
4H-5, 71–73.5	40	33.11	36.1	36.13	8.67	0.21	0	0.05	0	2.84	0	0.59	0	4.09	0.05	0	0	0	2.58	74.59	0	0.42	5.9
4H-5, 81–83.5	40	33.21	36.2	36.23	7.95	0.15	0	0	0	2.77	0	2.25	0	4.39	0.9	0	0.08	0	4.63	70.79	0	0	6.1
4H-5, 91–93.5	40	33.31	36.3	36.33	7.64	0.03	0	0	0	1.67	0	0.53	0	5.67	0.43	0	0.03	0	2.26	74.42	0	0	7.33
4H-5, 111–113.5	40	33.51	36.5	36.53	3.48	0	0	0.04	0	0.04	0	0.63	0	9.37	0	0	0	0	4.18	78.8	0	0	3.45
4H-5, 131–133.5	40	33.71	36.7	36.73	0.93	0.53	0	0	0	0.67	0	0.12	0	9.29	0	0	0	0	2.19	86.27	0	0	0
4H-6, 1–3.5	40	33.91	36.9	36.93	8.84	0.68	0	0	0	2.28	0	2.11	0	11.64	0.68	0	0.08	0	4.4	64.25	0.19	0.61	4.25
177-1090E-																							
4H-3, 29–31.5	40	30.99	37.14	37.17	11.13	0.63	0	0.16	0	5.5	0	1.89	0	6.44	0.01	0	0.05	0	5.87	59.52	0	0	8.8
4H-3, 49–51.5	40	31.19	37.34	37.37	3.46	0.04	0	0.04	0	2.14	0	0.41	0	4.6	0.71	0	0	0	2.27	83.88	0	0	2.44
4H-3, 69–71.5	40	31.39	37.54	37.57	1.21	0.04	0	0	0	0.66	0	0.57	0	6.82	1.21	0	0	0	5.29	80.08	0	0	4.11
4H-3, 89–91.5	40	31.59	37.74	37.77	8.36	0	0	0	0	8.9	0	1.49	0	8.05	1.07	0	0	0	3.41	66.06	0.07	0	2.6
4H-3, 109–111.5	40	31.79	37.94	37.97	4.5	0.14	0	0	0	5.08	0	0.54	0	3.12	1.01	0	0	0	5.11	77.28	0	0	3.23
4H-3, 129–131.5	40	31.99	38.14	38.17	5.72	0.15	0	0	0	5.29	0	1.7	0	7.46	0.57	0	0	0	3.1	73.15	0.02	0	2.85
4H-3, 147.5–150	40	32.17	38.33	38.35	10.52	0.94	0	0	0	2.26	0	1.13	0	15.07	0.47	0	0	0	1.51	67.34	0	0	0.75
4H-4, 19–21.5	40	32.39	38.54	38.57	5.13	0.9	0	0.01	0	1.88	0	0.28	0	8.63	0	0	0	0	5.35	76.02	0	0	1.8
4H-4, 39–41.5	40	32.59	38.74	38.77	9.44	0.16	0	0	0	3.91	0	0.55	0	11.7	0.65	0	0	0	3.91	66.43	0.08	0	3.16
4H-4, 49–51.5	40	32.69	38.84	38.87	9.73	0.42	0	0	0	2.64	0	1.58	0	11.71	0.47	0	0.05	0	2.16	68.63	0.08	0	2.53
4H-4, 59–61.5	40	32.79	38.94	38.97	3.25	0.03	0	0	0	4.02	0	1.49	0	6.24	0.99	0	0	0	1.98	79.54	0	0	2.47
4H-4, 79–81.5	40	32.99	39.14	39.17	1.1	0	0	0	0	0.73	0	1.56	0	3.01	0.04	0	0	0	0.62	92.32	0.02	0	0.59
4H-4, 89–91.5	40	33.09	39.24	39.27	4.03	0.09	0	0.01	0	1.52	0	1.47	0	4.08	0.04	0	0	0	5.19	81.53	0	0	2.05
4H-4, 99–101.5	40	33.19	39.34	39.37	8.41	0.42	0	0	0	2.82	0	1.79	0	8.14	0.68	0	0	0	4.61	68.96	0	0	4.16
4H-4, 109–111.5	40	33.29	39.44	39.47	6.28	0.05	0	0	0	1.85	0	1.7	0	7.97	0.1	0	0	0	2.54	74.71	0	0	4.79
4H-4, 119–121.5	40	33.39	39.54	39.57	2.41	0.1	0	0	0	0.56	0	1.87	0	6.79	0	0	0	0	0.79	86.43	0	0	1.05
4H-4, 139–141.5	40	33.59	39.74	39.77	3.56	0.24	0	0	0	3.36	0	1.16	0	3.98	0.35	0	0	0	8.25	73.86	0	0	5.24
4H-5, 9–11.5	40	33.79	39.94	39.97	8.56	0.61	0	0.04	0	7.69	0	1.56	0	7.23	1.13	0	0	0	18.67	48.5	0	0	6
4H-5, 19–21.5	40	33.89	40.04	40.07	7.49	0.25	0	0.04	0	11.13	0	1.35	0	10.36	0.02	0	0.2	0	20.77	42.55	0.02	0	5.82
4H-5, 29–31.5	40	33.99	40.14	40.17	9.32	2.21	0	0.03	0	5.68	0	1.08	0	6.41	0.03	0	1.45	0	21.56	45.9	0.11	0	6.22
4H-5, 49–51.5	40	34.19	40.34	40.37	4.39	0.71	0	0.01	0	4.45	0	0.87	0	4.64	0	0	0.57	0	12.91	65.86	0.01	0	5.58
4H-5, 69–71.5	40	34.39	40.54	40.57	3.37	0.04	0	0	0	2.06	0	0.53	0	1.92	0	0	0.13	0	13.11	74.56	0	0	4.29
177-1090D-																							
5H-1, 52.5–55	40	36.42	40.64	40.66	5.19	1.39	0	0	0	9.12	0	1.2	0	4.88	0	0	0.15	0	10.13	61.56	0	0	6.37
5H-1, 62.5–65	40	36.53	40.74	40.76	8.69	0.28	0	0.07	0	5.73	0	1.96	0	7.26	0.04	0	0.35	0	13.35	58.9	0.01	0	3.37

Table T1 (continued).

Core, section, interval (cm)	Volume (cm ³)	Depth (mbsf)	Depth (mcd)		<i>G. bulloides</i>	<i>G. falconensis</i>	<i>G. aequilateralis</i>	<i>G. calida</i>	<i>G. bradyi</i>	<i>G. glutinata</i>	<i>G. ruber</i> (white)	<i>G. crassaformis</i>	<i>G. hirsuta</i>	<i>G. inflata</i>	<i>G. scitula</i>	<i>G. truncatulinoides</i> (right)	<i>G. truncatulinoides</i> (left)	<i>G. rubescens</i>	<i>N. pachyderma</i> (right)	<i>N. pachyderma</i> (left)	<i>O. universa</i>	<i>T. iota</i>	<i>T. quinqueloba</i>
			Top	Bottom																			
5H-1, 82.5–85	40	36.72	40.94	40.96	5.5	0.98	0	0	0	3.41	0	2	0	4	0.6	0	0.02	0	3.11	76.77	0	0	3.62
5H-1, 92.5–95	40	36.83	41.04	41.06	3.67	0.09	0	0	0	3.41	0	1.02	0	4.59	0.02	0	0	0	1.79	83.39	0	0	2.02
5H-1, 102.5–105	40	36.92	41.14	41.16	3.14	0	0	0	0	0.2	0	1.22	0	3.1	1.09	0	0.01	0	2.3	87.85	0	0	1.08
5H-1, 122.5–125	40	37.12	41.34	41.36	1.63	0.08	0	0	0	1.72	0	1.53	0	4.36	0	0	0	0	3.73	85.3	0	0	1.65
5H-1, 142.5–145	40	37.33	41.54	41.56	3.78	0.09	0	0	0	0.89	0	1.2	0	5.36	0	0	0.04	0	2.5	81.84	0	0	4.29
5H-2, 12.5–15	40	37.53	41.74	41.76	5.37	0.06	0	0	0	2.68	0	1.86	0	4.06	0.65	0	0	0	3.42	77.98	0	0	3.91
5H-2, 22.5–25	40	37.62	41.84	41.86	2.36	0	0	0	0.56	2.44	0	0.92	0	8.25	0	0	0	0	1.96	80.73	0	0	2.79
5H-2, 32.5–35	40	37.72	41.94	41.96	2.44	0.7	0	0	0	0.7	0	0.95	0	4.6	0	0	0	0	1.66	87.56	0	0	1.39
5H-2, 42.5–45	40	37.83	42.04	42.06	2.25	0	0	0	0	7.66	0	0.74	0	5.35	0	0	0	0	2.54	81.46	0	0	0
5H-2, 52.5–55	40	37.92	42.14	42.16	6.54	0.07	0	0	0	2.85	0	1.75	0	9.97	0.03	0	0	0	3.58	70.96	0	0	4.25
5H-2, 72.5–75	40	38.12	42.34	42.36	0.92	0	0	0	0	0.05	0	1.47	0	4.32	0.86	0	0	0	1.99	90.39	0	0	0
5H-2, 92.5–95	40	38.33	42.54	42.56	3.57	0.03	0	0	0	3.01	0	0.79	0	4.38	0	0	0	0	2.18	83.07	0	0	2.95
5H-2, 102.5–105	40	38.42	42.64	42.66	3.33	0	0	0	0	1.38	0	0.8	0	7.04	0	0	0	0	0.73	84.89	0	0	1.84
5H-2, 112.5–115	40	38.53	42.74	42.76	4.28	1.1	0	0	0	6.09	0	1.75	0	11.73	0	0	0	0	6.03	63.22	0	0	5.79
5H-2, 132.5–135	40	38.72	42.94	42.96	2.96	0	0	0	0	0.4	0	1.25	0	10.29	1.41	0	0	0	1.99	80.29	0	0	1.41
5H-3, 2.5–5	40	38.92	43.14	43.16	4.41	0	0	0	0	0.79	0	0.9	0	4.89	0	0	0	0	12.99	75.25	0	0	0.78
5H-3, 12.5–15	40	39.03	43.24	43.26	6.45	0	0	0	0	5.75	0	0.32	0	2.48	0	0	0	0	16.6	67.62	0	0	0.79
5H-3, 22.5–25	40	39.12	43.34	43.36	2.42	0	0	0	0	0.21	0	1.31	0	7.02	0.05	0	0	0	11.27	74.4	0	0	3.32
5H-3, 42.5–45	40	39.33	43.54	43.56	2.04	0	0	0	0	0.71	0	1.23	0	5.5	0	0	0	0	12.03	77.87	0	0	0.61
5H-3, 62.5–65	40	39.53	43.74	43.76	0.18	0	0	0	0	3.09	0	0.63	0	2.68	0	0	0	0	7.92	85.49	0	0	0
5H-3, 82.5–85	40	39.72	43.94	43.96	2.1	0	0	0	0	0.35	0	1.76	0	3.56	0	0	0	0	4.48	87.75	0	0	0
5H-3, 102.5–105	40	39.92	44.14	44.16	7.52	0.25	0	0.09	0	5.15	0	1.35	0	1.31	0.02	0	0	0	5.03	73.77	0	0	5.52
5H-3, 122.5–125	40	40.12	44.34	44.36	1.41	0	0	0	0	1.71	0	0.54	0	1.6	0	0	0	0	2.48	91.47	0	0	0.8

Note: From 44.34 to 11.63 mcd recorded as percent of total foraminiferal assemblages.