47. *DATA REPORT:* HIGH-RESOLUTION CARBONATE AND BULK GRAIN-SIZE DATA FOR SITES 803–806 (0–2 MA)[1]

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INTRODUCTION

A major goal of Ocean Drilling Program (ODP) Leg 130 was to drill four sites down the northeastern flank of the Ontong Java Plateau to collect a series of continuous sedimentary sequences that would provide a depth transect of Neogene sediments. In particular, the study of the sediments recovered along the depth transect is expected to yield high-resolution stratigraphic, geochemical, and physical properties records across intervals of major paleoceanographic changes by evaluating variations of primary sedimentological and paleoceanographic indicators (e.g., carbonates, isotopes, grain size, microfossil assemblages, etc.). This data report presents the results of high-resolution (3–5 Ka sample intervals) analyses of carbonate concentration and bulk sediment grain size at Sites 803–806 for the time interval from 2 Ma to the present.

STUDY AREA

Four of the five sites drilled on the Ontong Java Plateau during Leg 130 were chosen to provide a depth transect of carbonate deposition in the western equatorial Pacific (see Kroenke, Berger, Janecek, et al. [1991] for detailed information on the Leg 130 sites). Site 806 is located on the northeastern margin of the Ontong Java Plateau, close to the equator (latitude 0°19.1′N, longitude 159°21.7′E) in 2520 m of water. The site represents the shallow end member of the depth transect, with maximum sedimentation rates (20–45 m/m.y.) in an undisturbed setting well above the modern-day lysocline. Site 805 is located to the northeast of Site 806 (1°13.7′N, 160°31.8′E) in a water depth of 3188 m, slightly above the modern-day lysocline. Sedimentation rates at this site average 15–35 m/m.y. Site 803, the second lysocline site of the depth transect, is similar in water depth to Site 805 (3410 m) but differs in that it is farther from the equator (2°26.0′N, 160°32.4′E) and slightly below the modern-day lysocline. Sedimentation rates vary between 10 and 30 m/m.y. at Site 803, thus providing a section affected by substantial carbonate dissolution but sufficiently complete to provide a record of dissolution gradients, events, and cycles. Site 804 (1°00.3′N, 161°35.6′E) serves as the deep-water (3861 m) sublysoclinal end member of the depth transect. Sedimentation rates at Site 804 vary between 5 and 15 m/m.y.

METHODS

Carbonate Analyses

Concentrations of inorganic carbon (IC) were determined for over 1500 samples from Sites 803 to 806. These values were then used to calculate the weight percent (wt%) of carbonate ($CaCO_3$) in the bulk sediment. The inorganic carbon concentration was measured with a Coulometric 5011 CO_2 coulometer equipped with a System 140 carbonate carbon analyzer. A 10- to 60-mg sample was reacted in a solution of 2N HCL while being heated at 65°C. The evolved CO_2 was transferred to the CO_2 coulometer by means of a helium stream, and the quantity of CO_2 liberated was measured by titration in a monoethanolamine solution with a proprietary colorimetric indicator. The change in light transmittance was monitored by a photodetection cell. Reagent-grade calcite was used as a standard. Concentrations of $CaCO_3$ were calculated from the inorganic carbon concentrations, assuming that all carbonate occurs as $CaCO_3$, by the following equation:

$$\%CaCO_3 = \%IC \cdot 8.334. \quad (1)$$

Duplicate analyses of 100 samples indicate a reproducibility of 0.7% with this method.

Grain-size Analyses

Bulk grain size was measured on the same suite of samples using a LASENTEC Lab-Tec 100 particle-size analyzer. The Lab-Tec 100 uses a focused laser diode light source to measure the size of individual particles suspended in a solution. The particle size is determined by the length of time a particular particle takes to pass through a laser beam that is scanned at a constant velocity across the particles. When a particle intercepts the laser beam, light is scattered for the length of time the particle is in the beam, and the scattered light pulses are detected by a stereoscopic photodetector system. The particle size is determined by

$$D = VT, \quad (2)$$

in which D = the size of the particle, V = scanning velocity of the beam, and T = the time the particle is in the beam. The sensing circuitry classifies each measured particle into one of eight channels; <2, 2–4, 4–8, 8–16, 16–32, 32–64, 64–128, and >128 μm. The effective lower and upper limits of resolution for this particular sensor setup are 0.7 and 250 μm, respectively. Duplicate analyses of 100 samples indicate a reproducibility of ±1.2 μm.

RESULTS

The results of the carbonate and grain-size analyses are presented in Table 1 and plotted vs. ODP depth (mbsf) in Figure 1. To facilitate graphical comparison between the sites, both data sets also were converted to the time domain (Fig. 2) using magneto- and biostratigraphic datum events presented in the "Sedimentation Rates" section of the site chapters in the Leg 130 *Initial Reports* volume (Kroenke, Berger, Janecek, et al., 1991). The particular datum events used to convert the data from the depth domain to time domain in this report are presented in Table 2. Ages were linearly interpolated between stratigraphic control points.

REFERENCES

Kroenke, L.W., Berger, W.H., Janecek, T.R., et al., 1991. *Proc. ODP, Init. Repts.*, 130: College Station, TX (Ocean Drilling Program).

Date of initial receipt: 28 April 1992
Date of acceptance: 22 June 1992
Ms 130B-002

[1] Berger, W.H., Kroenke, L.W., Mayer, L.A., et al., 1993. *Proc. ODP, Sci. Results,* 130: College Station, TX (Ocean Drilling Program).

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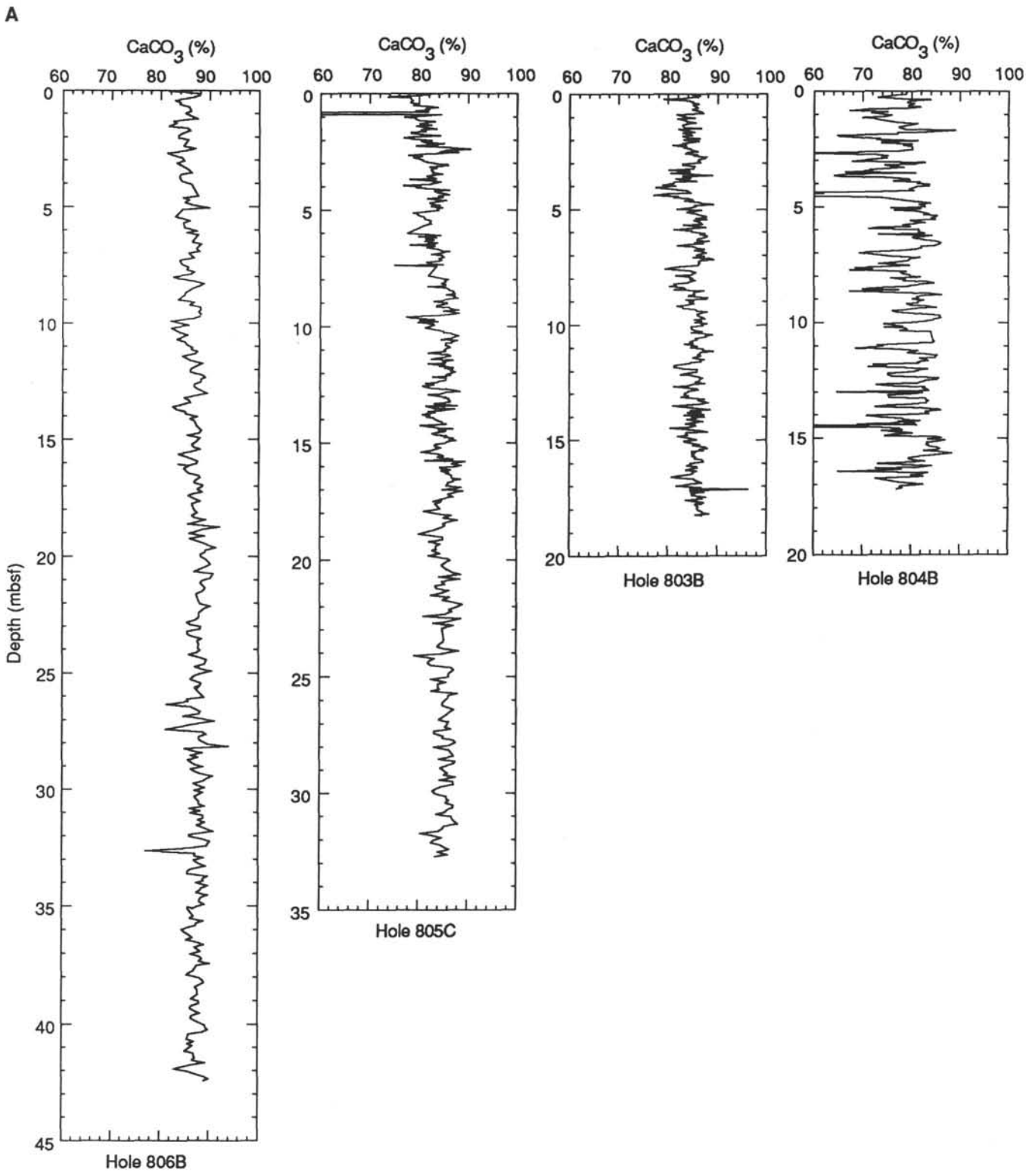

Figure 1. **A.** Carbonate concentrations vs. depth (mbsf) for Sites 803–806. **B.** Bulk grain size vs. depth (mbsf) for Sites 803–806. Plots are arranged in order of increasing water depth, with Hole 806B the shallowest and Hole 804B the deepest. Each plot represents the time interval from 0 to 2 Ma.

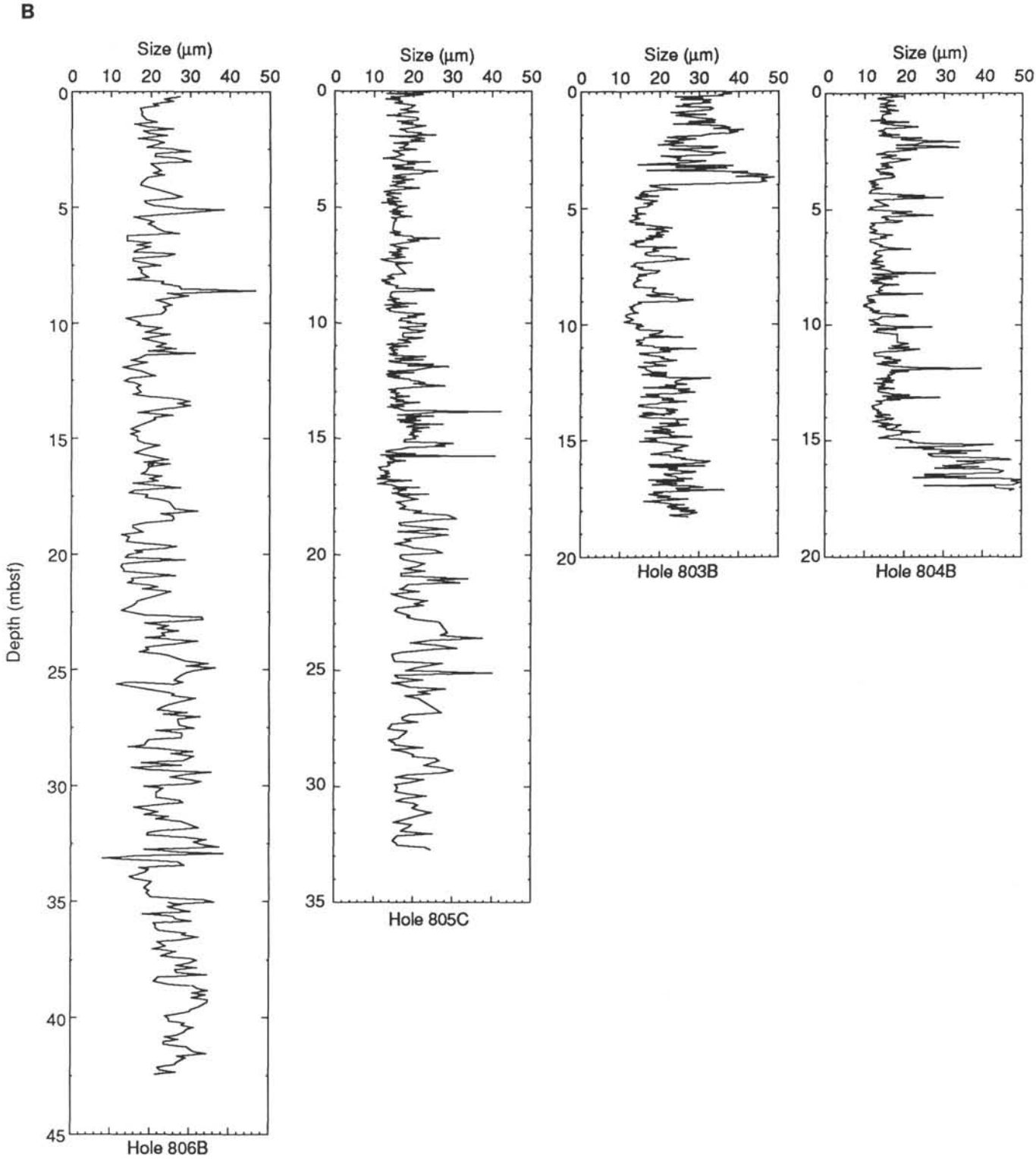

Figure 1 (continued).

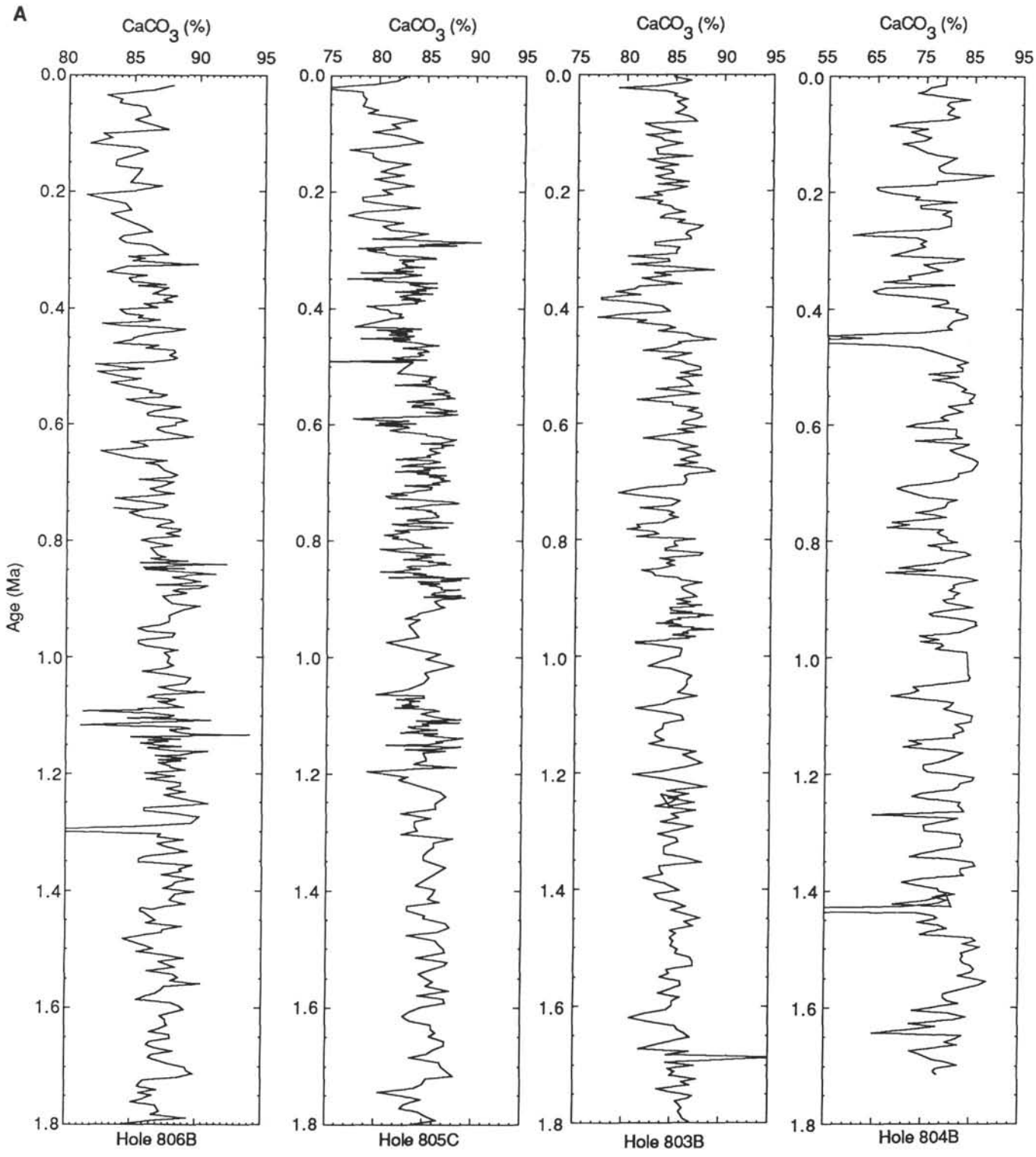

Figure 2. **A.** Carbonate concentrations vs. age for Sites 803–806. Note that the *x*-axis scale in each panel is expanded relative to Figure 1 to facilitate comparison of data from each hole. **B.** Bulk grain size vs. age for Sites 803–806. Plots are arranged in order of increasing water depth, with Hole 806B the shallowest and Hole 804B the deepest. Age control is based upon the magneto- and biostratigraphic datum events presented in Table 2.

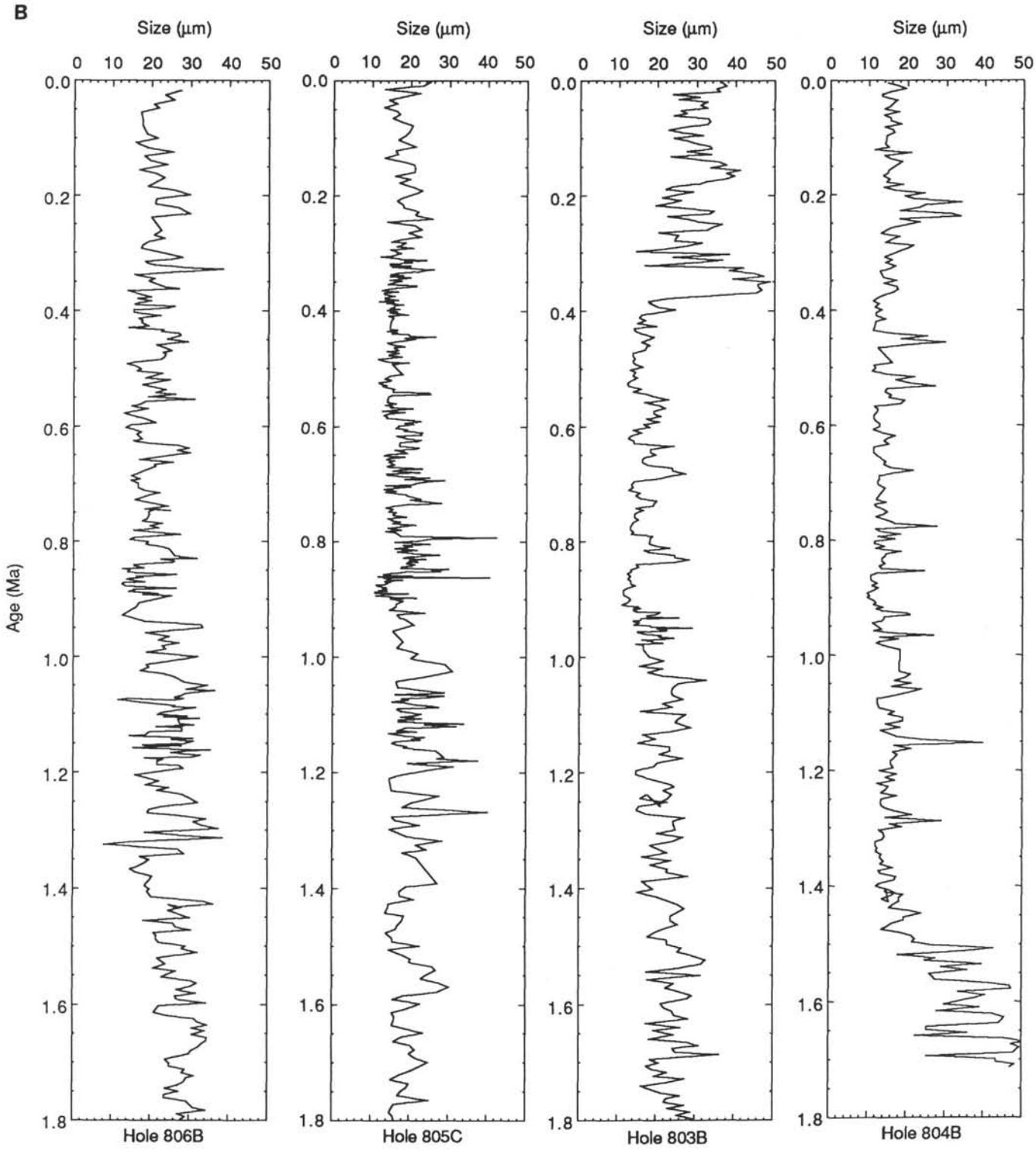

Figure 2 (continued).

Table 1. Carbonate concentrations and bulk grain size for Holes 803B, 804B, 805C, and 806B.

Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)
30-803B-				
1H-1, 0–1	0.00	0.000	84.8	36.0
1H-1, 5–6	0.05	0.005	84.9	36.7
1H-1, 10–11	0.10	0.009	86.6	37.7
1H-1, 15–16	0.15	0.014	85.6	35.0
1H-1, 20–21	0.20	0.019	83.1	36.0
1H-1, 25–26	0.25	0.024	79.1	23.9
1H-1, 30–31	0.30	0.028	83.9	30.8
1H-1, 35–36	0.35	0.033	85.1	25.3
1H-1, 39–40	0.39	0.037	84.8	32.9
1H-1, 45–46	0.45	0.043	86.2	31.0
1H-1, 50–51	0.50	0.047	85.1	32.8
1H-1, 55–56	0.55	0.052	85.6	25.9
1H-1, 60–61	0.60	0.057	86.1	27.5
1H-1, 65–66	0.65	0.062	85.6	24.1
1H-1, 70–71	0.70	0.066	84.9	33.0
1H-1, 75–76	0.75	0.071	86.2	33.5
1H-1, 80–81	0.80	0.076	86.9	32.7
1H-1, 85–86	0.85	0.081	87.2	27.0
1H-1, 90–91	0.90	0.085	81.8	22.8
1H-1, 95–96	0.95	0.090	82.6	26.2
1H-1, 100–101	1.00	0.095	83.8	31.7
1H-1, 105–106	1.05	0.100	85.5	24.1
1H-1, 110–111	1.10	0.104	81.9	27.8
1H-1, 115–116	1.15	0.109	83.5	29.5
1H-1, 120–121	1.20	0.114	83.9	33.3
1H-1, 125–126	1.25	0.119	85.7	33.9
1H-1, 130–131	1.30	0.123	84.1	27.4
1H-1, 135–136	1.35	0.128	83.0	33.9
1H-1, 140–141	1.40	0.133	83.2	23.4
1H-1, 145–146	1.45	0.138	83.1	30.0
1H-1, 149–150	1.49	0.141	86.7	35.7
1H-2, 5–6	1.55	0.147	82.1	37.7
1H-2, 10–11	1.60	0.152	83.5	33.6
1H-2, 15–16	1.65	0.156	85.3	41.2
1H-2, 20–21	1.70	0.161	83.0	37.5
1H-2, 25–26	1.75	0.166	84.7	39.7
1H-2, 30–31	1.80	0.171	84.9	37.6
1H-2, 35–36	1.85	0.175	82.9	32.5
1H-2, 40–41	1.90	0.180	84.0	30.7
1H-2, 45–46	1.95	0.185	86.4	23.9
1H-2, 50–51	2.00	0.190	83.2	22.0
1H-2, 55–56	2.05	0.194	86.2	29.0
1H-2, 60–61	2.10	0.199	85.0	24.7
1H-2, 65–66	2.15	0.204	82.8	21.2
1H-2, 70–71	2.20	0.209	83.6	26.0
1H-2, 75–76	2.25	0.213	80.9	23.6
1H-2, 80–81	2.30	0.218	83.7	19.5
1H-2, 85–86	2.35	0.223	83.1	27.0
1H-2, 90–91	2.40	0.228	84.6	34.5
1H-2, 95–96	2.45	0.232	84.9	33.3
1H-2, 100–101	2.50	0.237	86.0	22.5
1H-2, 105–106	2.55	0.242	84.0	27.8
1H-2, 110–111	2.60	0.247	83.5	30.6
1H-2, 115–116	2.65	0.251	86.0	36.5
1H-2, 120–121	2.70	0.256	85.3	34.1
1H-2, 125–126	2.75	0.261	87.8	32.9
1H-2, 130–131	2.80	0.266	87.4	20.3
1H-2, 135–136	2.85	0.270	86.3	25.3
1H-2, 140–141	2.90	0.275	86.1	24.6
1H-2, 145–146	2.95	0.280	86.6	24.3
1H-2, 149–150	2.99	0.284	86.6	31.5
1H-3, 5–6	3.05	0.289	82.9	27.6
1H-3, 10–11	3.10	0.294	83.0	22.0
1H-3, 15–16	3.15	0.299	85.5	14.4
1H-3, 20–21	3.20	0.303	85.2	38.5
1H-3, 25–26	3.25	0.308	85.2	24.0
1H-3, 30–31	3.30	0.313	80.2	36.8
1H-3, 36–37	3.36	0.319	84.4	28.9
1H-3, 40–41	3.40	0.322	84.5	16.7
1H-3, 45–46	3.45	0.327	80.6	42.1
1H-3, 50–51	3.50	0.332	85.2	38.3
1H-3, 55–56	3.55	0.337	89.0	44.9
1H-3, 60–61	3.60	0.341	82.9	47.2
1H-3, 65–66	3.65	0.346	84.6	39.3
1H-3, 70–71	3.70	0.351	81.6	48.9
1H-3, 75–76	3.75	0.356	83.2	45.6
1H-3, 80–81	3.80	0.360	85.7	46.0
1H-3, 85–86	3.85	0.365	81.4	46.9
1H-3, 90–91	3.90	0.370	80.9	45.4
1H-3, 95–96	3.95	0.375	78.9	33.9
1H-3, 100–101	4.00	0.379	81.5	22.3
1H-3, 105–106	4.05	0.384	77.5	17.6
1H-3, 108–109	4.08	0.387	77.5	18.0
1H-3, 115–116	4.15	0.393	81.9	20.2
1H-3, 120–121	4.20	0.398	83.8	24.5
2H-1, 0–1	4.30	0.408	84.6	15.9
2H-1, 5–6	4.35	0.412	79.8	15.2
2H-1, 10–11	4.40	0.417	77.1	17.0
2H-1, 15–16	4.45	0.422	82.1	14.8
2H-1, 20–21	4.50	0.427	81.2	19.8
2H-1, 25–26	4.55	0.431	84.3	13.9
2H-1, 30–31	4.60	0.436	85.1	14.4
2H-1, 35–36	4.65	0.441	83.3	16.3
2H-1, 40–41	4.70	0.446	86.3	19.3
2H-1, 45–46	4.75	0.450	87.0	17.7
2H-1, 50–51	4.80	0.455	89.2	15.9
2H-1, 55–56	4.85	0.460	85.4	18.1
2H-1, 58–59	4.88	0.463	85.6	17.4
2H-1, 64–65	4.94	0.468	84.4	16.9
2H-1, 70–71	5.00	0.474	81.8	13.6
2H-1, 75–76	5.05	0.479	86.8	13.8
2H-1, 80–81	5.10	0.484	85.4	14.3
2H-1, 85–86	5.15	0.488	83.8	13.7
2H-1, 90–91	5.20	0.493	85.8	14.4
2H-1, 95–96	5.25	0.498	86.4	16.3
2H-1, 100–101	5.30	0.503	87.7	12.9
2H-1, 105–106	5.35	0.507	87.7	14.4
2H-1, 111–112	5.41	0.513	85.6	13.7
2H-1, 115–116	5.45	0.517	87.9	14.9
2H-1, 120–121	5.50	0.521	85.3	13.3
2H-1, 125–126	5.55	0.526	86.3	12.3
2H-1, 130–131	5.60	0.531	86.7	12.8
2H-1, 135–136	5.65	0.536	87.0	15.9
2H-1, 140–141	5.70	0.540	83.2	13.8
2H-1, 145–146	5.75	0.545	86.0	17.6
2H-1, 149–150	5.79	0.549	87.6	19.3
2H-2, 5–6	5.85	0.555	83.9	23.0
2H-2, 10–11	5.90	0.559	81.2	16.7
2H-2, 15–16	5.95	0.564	84.9	20.6
2H-2, 20–21	6.00	0.569	84.9	22.1
2H-2, 25–26	6.05	0.574	87.5	19.1
2H-2, 30–31	6.10	0.578	86.4	19.1
2H-2, 35–36	6.15	0.583	87.9	20.9
2H-2, 40–41	6.20	0.588	87.9	17.1
2H-2, 45–46	6.25	0.593	87.4	20.6
2H-2, 50–51	6.30	0.597	86.0	16.5
2H-2, 55–56	6.35	0.602	85.8	18.2
2H-2, 60–61	6.40	0.607	88.3	13.7
2H-2, 65–66	6.45	0.612	85.4	16.0
2H-2, 70–71	6.50	0.616	87.1	13.4
2H-2, 75–76	6.55	0.621	84.1	12.5
2H-2, 80–81	6.60	0.626	81.9	14.0
2H-2, 85–86	6.65	0.631	85.1	14.0
2H-2, 90–91	6.70	0.635	86.0	24.3
2H-2, 95–96	6.75	0.640	87.4	18.4
2H-2, 100–101	6.80	0.645	85.4	18.3
2H-2, 105–106	6.85	0.649	87.1	19.7
2H-2, 111–112	6.91	0.655	87.8	16.7
2H-2, 115–116	6.95	0.659	86.7	16.2
2H-2, 120–121	7.00	0.664	85.7	16.2
2H-2, 125–126	7.05	0.668	87.4	17.6
2H-2, 130–131	7.10	0.673	85.0	23.9
2H-2, 135–136	7.15	0.678	88.5	24.1
2H-2, 140–141	7.20	0.683	89.3	27.4
2H-2, 145–146	7.25	0.687	86.6	22.8
2H-2, 149–150	7.29	0.691	86.1	20.9
2H-3, 5–6	7.35	0.697	86.4	14.1
2H-3, 10–11	7.40	0.702	86.3	13.5
2H-3, 15–16	7.45	0.706	86.1	13.9
2H-3, 20–21	7.50	0.711	82.3	12.7
2H-3, 25–26	7.55	0.716	80.7	15.7
2H-3, 30–31	7.60	0.721	79.4	14.5
2H-3, 36–37	7.66	0.726	82.3	15.9
2H-3, 40–41	7.70	0.730	84.7	19.9
2H-3, 45–46	7.75	0.734	85.7	19.4
2H-3, 50–51	7.80	0.738	85.3	18.9
2H-3, 55–56	7.85	0.742	84.8	14.6
2H-3, 60–61	7.90	0.746	81.6	16.6
2H-3, 65–66	7.95	0.751	84.4	14.6
2H-3, 70–71	8.00	0.755	85.1	14.2
2H-3, 75–76	8.05	0.759	84.5	14.3
2H-3, 80–81	8.10	0.763	85.5	15.2
2H-3, 85–86	8.15	0.767	84.5	13.9
2H-3, 90–91	8.20	0.771	84.0	13.6
2H-3, 95–96	8.25	0.775	81.3	13.4
2H-3, 101–102	8.31	0.780	81.7	13.2
2H-3, 105–106	8.35	0.783	80.3	14.0
2H-3, 110–111	8.40	0.787	83.1	13.4
2H-3, 115–116	8.45	0.791	83.6	19.0
2H-3, 120–121	8.50	0.796	81.3	18.2
2H-3, 125–126	8.55	0.800	87.3	18.3
2H-3, 130–131	8.60	0.804	85.2	18.0
2H-3, 135–136	8.65	0.808	85.2	19.8
2H-3, 140–141	8.70	0.812	85.5	23.4
2H-3, 145–146	8.75	0.816	84.2	26.6
2H-3, 149–150	8.79	0.819	84.2	18.0
2H-4, 5–6	8.85	0.824	88.1	24.6
2H-4, 10–11	8.90	0.828	87.8	24.6
2H-4, 15–16	8.95	0.832	83.7	28.4
2H-4, 20–21	9.00	0.836	85.2	24.7
2H-4, 25–26	9.05	0.841	84.3	14.6
2H-4, 30–31	9.10	0.845	85.2	15.3
2H-4, 37–38	9.17	0.850	83.5	13.3
2H-4, 40–41	9.20	0.853	81.8	13.6
2H-4, 45–46	9.25	0.857	83.0	12.4
2H-4, 50–51	9.30	0.861	83.2	13.3
2H-4, 55–56	9.35	0.865	85.6	12.6
2H-4, 60–61	9.40	0.869	85.9	13.5
2H-4, 65–66	9.45	0.873	88.0	13.4
2H-4, 70–71	9.50	0.877	86.8	14.5
2H-4, 75–76	9.55	0.881	85.9	12.4
2H-4, 80–81	9.60	0.886	86.1	11.4
2H-4, 85–86	9.65	0.890	86.6	11.5
2H-4, 90–91	9.70	0.894	87.1	11.6
2H-4, 95–96	9.75	0.898	87.5	12.8
2H-4, 100–101	9.80	0.902	85.4	13.4
2H-4, 105–106	9.85	0.906	86.9	12.5
2H-4, 111–112	9.91	0.910	85.5	10.9
2H-4, 115–116	9.95	0.912	88.0	12.4
2H-4, 120–121	10.00	0.914	86.8	15.4
2H-4, 125–126	10.05	0.915	87.1	14.2
2H-4, 130–131	10.10	0.917	84.7	15.8
2H-4, 135–136	10.15	0.919	84.9	13.9
2H-4, 140–141	10.20	0.921	84.8	14.3
2H-4, 145–146	10.25	0.922	85.6	15.0
2H-4, 149–150	10.29	0.924	87.0	20.7
2H-5, 5–6	10.35	0.926	84.7	20.4
2H-5, 10–11	10.40	0.928	87.8	19.6
2H-5, 15–16	10.45	0.929	89.1	17.5
2H-5, 20–21	10.50	0.931	87.5	17.6
2H-5, 25–26	10.55	0.933	87.7	25.8
2H-5, 30–31	10.60	0.935	85.6	16.0
2H-5, 37–38	10.67	0.937	85.8	15.9
2H-5, 40–41	10.70	0.938	85.0	14.1
2H-5, 45–46	10.75	0.940	84.4	14.1
2H-5, 50–51	10.80	0.942	85.0	15.6
2H-5, 55–56	10.85	0.943	83.4	15.0
2H-5, 60–61	10.90	0.945	85.4	14.1
2H-5, 65–66	10.95	0.947	85.9	18.5
2H-5, 70–71	11.00	0.949	84.6	18.8
2H-5, 75–76	11.05	0.950	87.2	29.2
2H-5, 80–81	11.10	0.952	87.0	20.1
2H-5, 85–86	11.15	0.954	89.2	22.7
2H-5, 90–91	11.20	0.956	86.6	22.5
2H-5, 95–96	11.25	0.957	86.5	15.0
2H-5, 100–101	11.30	0.959	86.0	15.5
2H-5, 105–106	11.35	0.961	86.7	17.2
2H-5, 112–113	11.42	0.963	85.2	21.2
2H-5, 115–116	11.45	0.964	85.1	20.4
2H-5, 120–121	11.50	0.966	87.4	21.2
2H-5, 125–126	11.55	0.968	86.5	24.4
2H-5, 130–131	11.60	0.970	86.7	22.2
2H-5, 135–136	11.65	0.971	84.7	16.2

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)
2H-5, 140–141	11.70	0.973	84.3	18.7	3H-2, 25–26	15.55	1.476	85.6	19.7	1H-1, 110–111	1.10	0.112	74.6	14.2
2H-5, 145–146	11.75	0.975	82.0	19.2	3H-2, 30–31	15.60	1.483	84.9	17.9	1H-1, 115–116	1.15	0.117	70.1	15.1
2H-5, 149–150	11.79	0.976	81.2	21.7	3H-2, 34–35	15.64	1.489	85.3	22.8	1H-1, 120–121	1.20	0.122	72.5	11.5
2H-6, 5–6	11.85	0.978	81.4	14.6	3H-2, 40–41	15.70	1.497	85.0	23.0	1H-1, 125–126	1.25	0.127	73.7	21.0
2H-6, 10–11	11.90	0.980	83.1	16.5	3H-2, 45–46	15.75	1.504	85.7	26.6	1H-1, 130–131	1.30	0.132	75.2	13.9
2H-6, 15–16	11.95	0.987	86.0	16.5	3H-2, 50–51	15.80	1.510	85.5	25.6	1H-1, 135–136	1.35	0.137	77.2	15.6
2H-6, 20–21	12.00	0.994	85.9	17.3	3H-2, 55–56	15.85	1.517	87.0	29.4	1H-1, 140–141	1.40	0.142	81.3	18.6
2H-6, 25–26	12.05	1.000	85.8	18.1	3H-2, 60–61	15.90	1.524	87.3	32.8	1H-2, 5–6	1.55	0.157	77.5	15.1
2H-6, 30–31	12.10	1.007	84.2	21.9	3H-2, 65–66	15.95	1.531	87.3	31.7	1H-2, 10–11	1.60	0.162	77.7	14.8
2H-6, 37–38	12.17	1.017	82.5	15.6	3H-2, 70–71	16.00	1.538	84.6	25.9	1H-2, 15–16	1.65	0.167	78.8	13.6
2H-6, 40–41	12.20	1.021	84.7	21.7	3H-2, 75–76	16.05	1.544	84.8	17.5	1H-2, 20–21	1.70	0.172	89.0	15.3
2H-6, 45–46	12.25	1.028	86.1	17.8	3H-2, 80–81	16.10	1.551	83.9	31.5	1H-2, 26–27	1.76	0.178	83.0	14.4
2H-6, 50–51	12.30	1.034	87.0	21.8	3H-2, 85–86	16.15	1.558	86.0	17.8	1H-2, 30–31	1.80	0.183	77.2	18.7
2H-6, 55–56	12.35	1.041	86.5	32.9	3H-2, 90–91	16.20	1.565	86.1	24.6	1H-2, 35–36	1.85	0.188	77.2	13.8
2H-6, 60–61	12.40	1.048	86.6	25.7	3H-2, 95–96	16.25	1.572	84.8	22.4	1H-2, 40–41	1.90	0.193	64.8	16.9
2H-6, 65–66	12.45	1.055	86.2	24.2	3H-2, 100–101	16.30	1.578	83.8	25.7	1H-2, 45–46	1.95	0.198	65.3	24.3
2H-6, 70–71	12.50	1.062	85.6	23.9	3H-2, 105–106	16.35	1.585	86.0	29.3	1H-2, 50–51	2.00	0.203	68.0	19.2
2H-6, 75–76	12.55	1.068	87.6	24.2	3H-2, 109–110	16.39	1.591	85.2	28.1	1H-2, 55–56	2.05	0.208	73.7	21.7
2H-6, 80–81	12.60	1.075	85.1	26.9	3H-2, 115–116	16.45	1.599	85.1	21.3	1H-2, 60–61	2.10	0.213	72.8	34.0
2H-6, 85–86	12.65	1.082	84.1	21.5	3H-2, 120–121	16.50	1.606	84.6	22.1	1H-2, 65–66	2.15	0.218	81.3	24.7
2H-6, 90–91	12.70	1.089	81.3	24.1	3H-2, 125–126	16.55	1.612	82.4	24.2	1H-2, 70–71	2.20	0.223	73.9	23.0
2H-6, 95–96	12.75	1.096	84.4	15.9	3H-2, 130–131	16.60	1.619	80.8	24.7	1H-2, 75–76	2.25	0.228	74.0	18.0
2H-6, 100–101	12.80	1.102	86.0	27.6	3H-2, 135–136	16.65	1.626	82.8	28.3	1H-2, 80–81	2.30	0.233	80.1	31.3
2H-6, 105–106	12.85	1.109	86.2	25.8	3H-2, 140–141	16.70	1.633	85.5	17.5	1H-2, 85–86	2.35	0.238	78.4	33.6
2H-6, 109–110	12.89	1.115	84.2	24.8	3H-2, 145–146	16.75	1.640	85.7	26.3	1H-2, 90–91	2.40	0.243	80.1	18.0
2H-6, 115–116	12.95	1.123	84.1	28.9	3H-2, 149–150	16.79	1.645	86.4	19.4	1H-2, 95–96	2.45	0.248	80.2	23.1
2H-6, 120–121	13.00	1.130	83.3	23.9	3H-3, 5–6	16.85	1.653	87.0	24.5	1H-2, 105–106	2.55	0.259	80.2	15.7
2H-6, 125–126	13.05	1.136	83.3	16.5	3H-3, 10–11	16.90	1.660	84.8	18.2	1H-2, 110–111	2.60	0.264	77.7	14.4
2H-6, 130–131	13.10	1.143	84.3	19.9	3H-3, 15–16	16.95	1.666	83.3	28.0	1H-2, 115–116	2.65	0.269	65.0	13.0
2H-6, 135–136	13.15	1.150	82.7	15.3	3H-3, 20–21	17.00	1.672	81.8	31.1	1H-2, 120–121	2.70	0.274	60.0	17.9
2H-6, 140–141	13.20	1.157	85.0	23.4	3H-3, 25–26	17.05	1.677	86.9	24.3	1H-2, 125–126	2.75	0.279	73.2	15.8
2H-6, 145–146	13.25	1.164	87.5	23.5	3H-3, 30–31	17.10	1.683	84.6	25.0	1H-2, 130–131	2.80	0.284	75.1	14.3
2H-6, 149–150	13.29	1.169	86.2	20.6	3H-3, 33–34	17.13	1.687	96.4	36.4	1H-2, 135–136	2.85	0.289	73.9	21.5
2H-7, 5–6	13.35	1.177	87.3	26.8	3H-3, 40–41	17.20	1.695	84.6	18.6	1H-2, 140–141	2.90	0.294	74.9	20.1
2H-7, 10–11	13.40	1.184	88.2	20.3	3H-3, 45–46	17.25	1.701	87.5	20.7	1H-3, 5–6	3.05	0.309	67.9	14.0
2H-7, 15–16	13.45	1.191	86.4	19.4	3H-3, 50–51	17.30	1.706	84.8	17.5	1H-3, 10–11	3.10	0.314	82.9	16.0
2H-7, 20–21	13.50	1.198	83.9	14.9	3H-3, 55–56	17.35	1.712	85.5	18.9	1H-3, 15–16	3.15	0.319	80.7	14.2
2H-7, 25–26	13.55	1.204	81.0	14.8	3H-3, 60–61	17.40	1.718	85.0	22.9	1H-3, 20–21	3.20	0.324	74.6	16.9
2H-7, 30–31	13.60	1.211	84.1	17.9	3H-3, 65–66	17.45	1.724	87.7	19.5	1H-3, 25–26	3.25	0.330	76.3	15.3
2H-7, 37–38	13.67	1.221	87.3	23.7	3H-3, 70–71	17.50	1.729	86.2	27.3	1H-3, 30–31	3.30	0.335	78.5	12.8
2H-7, 40–41	13.70	1.225	88.6	24.6	3H-3, 75–76	17.55	1.735	87.0	22.7	1H-3, 40–41	3.40	0.345	71.5	13.7
2H-7, 45–46	13.75	1.232	84.6	21.8	3H-3, 80–81	17.60	1.741	83.7	16.2	1H-3, 45–46	3.45	0.350	72.1	17.1
2H-7, 50–51	13.80	1.238	86.8	24.0	3H-3, 85–86	17.65	1.747	85.1	19.1	1H-3, 50–51	3.50	0.355	66.5	13.8
2H-7, 55–56	13.85	1.245	84.7	23.0	3H-3, 90–91	17.70	1.753	87.4	21.5	1H-3, 55–56	3.55	0.360	80.9	17.2
2H-7, 60–61	13.90	1.252	87.4	20.9	3H-3, 95–96	17.75	1.758	86.9	26.3	1H-3, 60–61	3.60	0.365	66.7	17.6
2H-7, 65–66	13.95	1.259	84.9	21.2	3H-3, 99–100	17.79	1.763	85.6	22.7	1H-3, 65–66	3.65	0.370	64.2	16.3
3H-1, 0–1	13.80	1.238	84.0	17.7	3H-3, 104–105	17.84	1.769	86.0	22.1	1H-3, 70–71	3.70	0.375	65.6	13.8
3H-1, 5–6	13.85	1.245	85.7	15.9	3H-3, 109–110	17.89	1.775	86.2	27.4	1H-3, 75–76	3.75	0.380	74.8	12.1
3H-1, 10–11	13.90	1.252	85.1	22.9	3H-3, 114–115	17.94	1.780	85.9	23.0	1H-3, 80–81	3.80	0.385	79.4	11.1
3H-1, 15–16	13.95	1.259	83.3	15.6	3H-3, 119–120	17.99	1.786	86.2	28.9	1H-3, 85–86	3.85	0.390	79.7	12.7
3H-1, 20–21	14.00	1.266	87.5	14.9	3H-3, 124–125	18.04	1.792	86.4	25.3	1H-3, 90–91	3.90	0.395	76.4	11.5
3H-1, 25–26	14.05	1.272	85.0	17.3	3H-3, 129–130	18.09	1.798	87.0	29.6	1H-3, 95–96	3.95	0.401	81.7	13.5
3H-1, 30–31	14.10	1.279	85.8	27.4	3H-3, 134–135	18.14	1.804	87.2	27.9	1H-3, 100–101	4.00	0.406	81.2	11.9
3H-1, 34–35	14.14	1.285	83.9	24.4	3H-3, 139–140	18.19	1.809	88.4	22.6	1H-3, 105–106	4.05	0.411	83.7	11.9
3H-1, 40–41	14.20	1.293	87.2	24.6	3H-3, 144–145	18.24	1.815	85.7	23.9	1H-3, 110–111	4.10	0.416	83.6	14.4
3H-1, 45–46	14.25	1.300	85.7	24.9	3H-3, 148–149	18.28	1.820	86.9	27.2	1H-3, 115–116	4.15	0.421	80.9	11.9
3H-1, 50–51	14.30	1.306	83.7	20.1						1H-3, 125–126	4.25	0.431	79.6	11.4
3H-1, 55–56	14.35	1.313	85.6	26.9	130-804B-					1H-3, 130–131	4.30	0.436	80.5	11.1
3H-1, 60–61	14.40	1.320	85.7	24.1	1H-1, 5–6	0.05	0.005	79.1	14.8	1H-3, 135–136	4.35	0.441	74.0	16.5
3H-1, 65–66	14.45	1.327	84.3	18.3	1H-1, 10–11	0.10	0.010	78.9	17.5	1H-3, 140–141	4.40	0.446	54.4	25.2
3H-1, 75–76	14.55	1.340	84.3	22.9	1H-1, 15–16	0.15	0.015	78.9	19.5	1H-3, 144–145	4.44	0.450	62.0	18.4
3H-1, 80–81	14.60	1.347	86.6	16.4	1H-1, 20–21	0.20	0.020	75.9	15.4	1H-0, 5–6	4.50	0.456	47.5	29.8
3H-1, 85–86	14.65	1.354	88.2	23.8	1H-1, 25–26	0.25	0.025	74.7	13.5	1H-0, 10–11	4.55	0.461	64.6	19.6
3H-1, 90–91	14.70	1.361	83.8	18.5	1H-1, 28–29	0.28	0.028	73.2	13.3	1H-0, 15–16	4.60	0.466	74.0	12.5
3H-1, 95–96	14.75	1.368	83.9	23.0	1H-1, 35–36	0.35	0.035	78.2	17.3	2H-1, 15–16	4.85	0.492	83.9	16.0
3H-1, 100–101	14.80	1.374	84.2	22.7	1H-1, 40–41	0.40	0.041	83.9	16.2	2H-1, 20–21	4.90	0.497	81.6	11.4
3H-1, 105–106	14.85	1.381	82.1	28.2	1H-1, 45–46	0.45	0.046	79.7	15.4	2H-1, 25–26	4.95	0.502	82.8	11.9
3H-1, 111–112	14.91	1.389	84.3	16.3	1H-1, 50–51	0.50	0.051	79.2	14.0	2H-1, 30–31	5.00	0.507	82.8	10.9
3H-1, 120–121	15.00	1.402	85.9	19.3	1H-1, 55–56	0.55	0.056	80.6	17.8	2H-1, 35–36	5.05	0.512	75.8	14.6
3H-1, 125–126	15.05	1.408	83.3	15.0	1H-1, 60–61	0.60	0.061	79.7	13.9	2H-1, 40–41	5.10	0.517	81.9	21.9
3H-1, 130–131	15.10	1.415	83.7	20.0	1H-1, 65–66	0.65	0.066	79.3	15.6	2H-1, 45–46	5.15	0.522	76.6	17.0
3H-1, 135–136	15.15	1.422	85.4	23.1	1H-1, 70–71	0.70	0.071	81.8	15.7	2H-1, 50–51	5.20	0.527	81.0	20.7
3H-1, 140–141	15.20	1.429	86.6	25.7	1H-1, 75–76	0.75	0.076	79.5	18.4	2H-1, 55–56	5.25	0.532	82.3	27.2
3H-1, 145–146	15.25	1.436	85.1	27.3	1H-1, 80–81	0.80	0.081	71.1	14.0	2H-1, 60–61	5.30	0.537	83.6	14.8
3H-2, 5–6	15.35	1.449	88.0	23.8	1H-1, 85–86	0.85	0.086	67.4	16.2	2H-1, 65–66	5.35	0.542	82.5	14.3
3H-2, 10–11	15.40	1.456	86.4	23.7	1H-1, 90–91	0.90	0.091	75.1	16.5	2H-1, 70–71	5.40	0.548	85.4	15.9
3H-2, 15–16	15.45	1.463	87.3	25.6	1H-1, 95–96	0.95	0.096	71.9	14.6	2H-1, 75–76	5.45	0.553	85.0	15.2
3H-2, 20–21	15.50	1.470	84.9	22.3	1H-1, 105–106	1.05	0.107	76.0	14.4	2H-1, 80–81	5.50	0.558	84.1	19.4

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)
2H-1, 85–86	5.55	0.563	84.9	18.2	2H-4, 35–36	9.55	0.928	77.0	20.2	2H-7, 10–11	13.80	1.358	86.1	14.2
2H-1, 90–91	5.60	0.568	79.9	11.5	2H-4, 40–41	9.60	0.931	80.8	21.0	2H-7, 15–16	13.85	1.363	83.0	13.4
2H-1, 95–96	5.65	0.573	81.3	12.5	2H-4, 45–46	9.65	0.935	83.6	14.3	2H-7, 20–21	13.90	1.369	82.9	16.5
2H-1, 100–101	5.70	0.578	82.8	12.2	2H-4, 50–51	9.70	0.938	85.9	14.1	2H-7, 25–26	13.95	1.374	83.7	12.8
2H-1, 105–106	5.75	0.583	79.6	11.3	2H-4, 55–56	9.75	0.942	85.8	13.5	2H-7, 30–31	14.00	1.379	75.3	13.5
2H-1, 110–111	5.80	0.588	78.3	11.3	2H-4, 60–61	9.80	0.945	86.1	11.2	2H-7, 35–36	14.05	1.385	70.9	17.4
2H-1, 115–116	5.85	0.593	79.8	11.8	2H-4, 65–66	9.85	0.949	84.6	12.2	2H-7, 40–41	14.10	1.390	73.8	16.9
2H-1, 120–121	5.90	0.598	73.5	12.9	2H-4, 75–76	9.95	0.956	82.6	13.7	2H-7, 45–46	14.15	1.396	78.2	13.2
2H-1, 125–126	5.95	0.603	71.3	12.8	2H-4, 80–81	10.00	0.959	80.1	11.5	2H-7, 50–51	14.20	1.401	78.6	12.1
2H-1, 130–131	6.00	0.608	81.6	11.3	2H-4, 85–86	10.05	0.963	74.4	17.6	2H-7, 55–56	14.25	1.406	81.8	15.2
2H-1, 135–136	6.05	0.613	81.6	13.3	2H-4, 90–91	10.10	0.966	76.2	27.0	2H-7, 60–61	14.30	1.412	78.2	17.2
2H-1, 140–141	6.10	0.619	81.5	16.9	2H-4, 95–96	10.15	0.970	78.3	13.2	2H-7, 65–66	14.35	1.417	76.0	16.2
2H-1, 145–146	6.15	0.624	82.8	14.9	2H-4, 99–100	10.19	0.972	74.5	18.0	2H-7, 70–71	14.40	1.423	69.1	13.8
2H-1, 149–150	6.19	0.628	73.2	14.0	2H-4, 105–106	10.25	0.977	78.9	13.2	2H-7, 75–76	14.45	1.428	81.2	15.6
2H-2, 5–6	6.25	0.634	84.2	15.4	2H-4, 110–111	10.30	0.980	79.3	12.2	3H-1, 5–6	14.25	1.406	80.2	14.8
2H-2, 10–11	6.30	0.639	82.8	11.4	2H-4, 115–116	10.35	0.985	77.6	15.1	3H-1, 9–10	14.29	1.411	77.4	14.4
2H-2, 15–16	6.35	0.644	80.2	11.4	2H-4, 120–121	10.40	0.991	84.1	18.4	3H-1, 14–15	14.34	1.416	80.2	19.3
2H-2, 20–21	6.40	0.649	81.4	11.5	2H-5, 5–6	10.75	1.029	84.4	18.2	3H-1, 19–20	14.39	1.421	78.6	18.1
2H-2, 25–26	6.45	0.654	83.0	12.5	2H-4, 10–11	10.80	1.034	84.8	21.0	3H-1, 14–25	14.44	1.427	71.4	18.2
2H-2, 30–31	6.50	0.659	85.1	13.4	2H-5, 15–16	10.85	1.039	84.4	19.7	3H-1, 29–30	14.49	1.432	14.8	16.8
2H-2, 35–36	6.55	0.664	86.0	14.4	2H-5, 20–21	10.90	1.045	79.1	17.0	3H-1, 34–35	14.54	1.438	74.2	15.6
2H-2, 40–41	6.60	0.669	85.9	13.8	2H-5, 25–26	10.95	1.050	73.1	21.2	3H-1, 39–40	14.59	1.443	77.7	21.0
2H-2, 45–46	6.65	0.674	85.4	15.7	2H-5, 30–31	11.00	1.056	74.2	16.1	3H-1, 44–45	14.64	1.448	78.2	24.0
2H-2, 50–51	6.70	0.679	84.7	21.6	2H-5, 35–36	11.05	1.061	72.7	23.9	3H-1, 49–50	14.69	1.454	74.1	19.4
2H-2, 55–56	6.75	0.684	81.9	15.9	2H-5, 40–41	11.10	1.066	68.6	20.3	3H-1, 54–55	14.74	1.459	78.4	19.4
2H-2, 60–61	6.80	0.689	82.1	12.8	2H-5, 45–46	11.15	1.072	76.5	16.5	3H-1, 59–60	14.79	1.465	80.3	16.4
2H-2, 65–66	6.85	0.695	80.9	12.9	2H-5, 50–51	11.20	1.077	81.4	12.5	3H-1, 64–65	14.84	1.470	76.4	15.2
2H-2, 70–71	6.90	0.700	77.9	12.4	2H-5, 55–56	11.25	1.083	80.7	12.4	3H-1, 69–70	14.89	1.475	74.7	13.7
2H-2, 75–76	6.95	0.705	71.6	12.7	2H-5, 60–61	11.30	1.088	79.2	12.7	3H-1, 74–75	14.94	1.481	85.5	18.8
2H-2, 80–81	7.00	0.710	69.4	14.3	2H-5, 65–66	11.35	1.093	81.8	12.9	3H-1, 79–80	14.99	1.486	86.3	21.3
2H-2, 95–96	7.15	0.725	75.8	12.7	2H-5, 70–71	11.40	1.099	85.3	16.9	3H-1, 84–85	15.04	1.492	83.5	22.2
2H-2, 100–101	7.20	0.730	81.7	12.0	2H-5, 75–76	11.45	1.104	85.1	15.3	3H-1, 89–90	15.09	1.497	87.1	21.5
2H-2, 105–106	7.25	0.734	79.8	14.6	2H-5, 80–81	11.50	1.110	85.0	19.1	3H-1, 94–95	15.14	1.502	85.6	27.0
2H-2, 110–111	7.30	0.739	79.5	11.6	2H-5, 85–86	11.55	1.115	81.7	19.0	3H-1, 99–100	15.19	1.508	83.3	42.7
2H-2, 115–116	7.35	0.743	79.2	12.0	2H-5, 90–91	11.60	1.120	83.2	14.6	3H-1, 104–105	15.24	1.513	83.6	35.4
2H-2, 120–121	7.40	0.747	76.7	13.9	2H-5, 95–96	11.65	1.126	83.5	18.4	3H-1, 109–110	15.29	1.519	83.1	17.9
2H-2, 125–126	7.45	0.751	73.3	15.1	2H-5, 100–101	11.70	1.131	81.3	13.3	3H-1, 115–116	15.35	1.525	83.8	27.6
2H-2, 130–131	7.50	0.756	77.0	13.9	2H-5, 105–106	11.75	1.137	81.7	15.4	3H-1, 119–120	15.39	1.529	85.2	24.8
2H-2, 135–136	7.55	0.760	79.6	11.9	2H-5, 110–111	11.80	1.142	72.3	17.6	3H-1, 124–125	15.44	1.535	86.0	39.6
2H-2, 140–141	7.60	0.764	73.9	14.3	2H-5, 115–116	11.85	1.147	74.9	23.6	3H-1, 129–130	15.49	1.540	85.4	29.1
2H-2, 145–146	7.65	0.769	68.5	16.1	2H-5, 120–121	11.90	1.153	71.2	39.7	3H-1, 134–135	15.54	1.546	82.6	35.9
2H-2, 149–150	7.69	0.772	72.0	16.9	2H-5, 125–126	11.95	1.158	79.0	16.8	3H-1, 139–140	15.59	1.551	85.9	26.1
2H-3, 5–6	7.75	0.777	67.4	27.8	2H-5, 130–131	12.00	1.163	83.4	21.1	3H-1, 144–145	15.64	1.556	88.5	26.8
2H-3, 10–11	7.80	0.781	79.0	12.0	2H-5, 135–136	12.05	1.169	81.8	16.4	3H-1, 149–150	15.69	1.562	86.8	27.4
2H-3, 15–16	7.85	0.786	77.8	13.1	2H-5, 140–141	12.10	1.174	80.7	17.6	3H-2, 5–6	15.75	1.568	83.9	41.4
2H-3, 20–21	7.90	0.790	78.4	18.4	2H-5, 145–146	12.15	1.180	78.2	16.8	3H-2, 9–10	15.79	1.573	81.6	46.9
2H-3, 25–26	7.95	0.794	79.8	12.5	2H-5, 149–150	12.19	1.184	75.3	16.0	3H-2, 14–15	15.84	1.578	79.6	47.2
2H-3, 30–31	8.00	0.799	79.9	16.9	2H-6, 5–6	12.25	1.190	75.2	16.1	3H-2, 19–20	15.89	1.583	79.6	33.5
2H-3, 35–36	8.05	0.803	81.9	11.9	2H-6, 10–11	12.30	1.196	76.2	16.7	3H-2, 24–25	15.94	1.589	80.5	40.7
2H-3, 40–41	8.10	0.807	75.8	11.6	2H-6, 15–16	12.35	1.201	81.2	13.1	3H-2, 29–30	15.99	1.594	82.8	37.9
2H-3, 45–46	8.15	0.811	78.7	14.3	2H-6, 20–21	12.40	1.207	85.7	17.6	3H-2, 39–40	16.09	1.605	73.2	30.0
2H-3, 50–51	8.20	0.816	78.4	12.0	2H-6, 25–26	12.45	1.212	85.4	14.6	3H-2, 44–45	16.14	1.610	80.7	39.2
2H-3, 55–56	8.25	0.820	83.5	18.5	2H-6, 30–31	12.50	1.217	82.9	17.1	3H-2, 49–50	16.19	1.616	84.3	28.0
2H-3, 60–61	8.30	0.824	84.7	14.6	2H-6, 35–36	12.55	1.223	82.6	12.5	3H-2, 54–55	16.24	1.621	81.8	42.5
2H-3, 65–66	8.35	0.829	82.5	14.4	2H-6, 40–41	12.60	1.228	81.4	15.3	3H-2, 59–60	16.29	1.627	72.7	45.5
2H-3, 70–71	8.40	0.833	79.9	13.6	2H-6, 45–46	12.65	1.234	75.1	14.8	3H-2, 64–65	16.34	1.632	78.0	45.0
2H-3, 75–76	8.45	0.837	79.1	13.7	2H-6, 50–51	12.70	1.239	73.0	13.5	3H-2, 69–70	16.39	1.637	73.1	44.1
2H-3, 80–81	8.50	0.841	74.2	14.4	2H-6, 55–56	12.75	1.244	76.6	17.6	3H-2, 74–75	16.44	1.643	65.0	25.5
2H-3, 85–86	8.55	0.846	69.9	12.9	2H-6, 60–61	12.80	1.250	82.9	13.5	3H-2, 79–80	16.49	1.648	83.5	25.3
2H-3, 90–91	8.60	0.850	77.4	13.7	2H-6, 65–66	12.85	1.255	82.4	13.4	3H-2, 84–85	16.54	1.654	82.2	35.9
2H-3, 95–96	8.65	0.854	67.4	24.7	2H-6, 70–71	12.90	1.261	83.4	13.6	3H-2, 89–90	16.59	1.659	80.0	22.5
2H-3, 100–101	8.70	0.859	76.7	12.5	2H-6, 75–76	12.95	1.266	83.7	14.7	3H-2, 94–95	16.64	1.664	82.6	45.5
2H-3, 105–106	8.75	0.863	84.0	10.7	2H-6, 80–81	13.00	1.271	64.8	17.2	3H-2, 99–100	16.69	1.669	77.3	50.5
2H-3, 110–111	8.80	0.867	86.2	10.8	2H-6, 85–86	13.05	1.277	82.4	21.4	3H-2, 104–105	16.74	1.674	72.7	47.4
2H-3, 115–116	8.85	0.871	82.7	11.0	2H-6, 90–91	13.10	1.282	80.0	14.6	3H-2, 109–110	16.79	1.679	74.5	49.6
2H-3, 120–121	8.90	0.876	81.1	12.5	2H-6, 95–96	13.15	1.288	75.2	29.0	3H-2, 119–120	16.89	1.689	77.5	48.0
2H-3, 125–126	8.95	0.880	81.4	11.0	2H-6, 100–101	13.20	1.293	75.5	15.8	3H-2, 124–125	16.94	1.694	80.4	25.2
2H-3, 130–131	9.00	0.884	80.2	12.7	2H-6, 105–106	13.25	1.298	75.5	18.9	3H-2, 129–130	16.99	1.699	82.6	43.4
2H-3, 135–136	9.05	0.889	82.5	11.4	2H-6, 110–111	13.30	1.304	83.0	13.0	3H-2, 134–135	17.04	1.704	78.1	43.3
2H-3, 140–141	9.10	0.893	81.3	9.8	2H-6, 115–116	13.35	1.309	83.1	14.1	3H-2, 139–140	17.09	1.709	77.6	48.2
2H-3, 145–146	9.15	0.897	81.4	10.5	2H-6, 120–121	13.40	1.315	83.6	14.4	3H-2, 144–145	17.14	1.714	78.2	47.0
2H-3, 149–150	9.19	0.901	79.1	9.7	2H-6, 125–126	13.45	1.320	83.1	13.9					
2H-4, 5–6	9.25	0.906	79.9	11.6	2H-6, 0–131	13.50	1.325	83.1	12.1	130-805C-				
2H-4, 10–11	9.30	0.910	83.3	12.1	2H-6, 135–136	13.55	1.331	78.8	12.0	1H-1, 2–3	0.02	0.003	82.8	25.1
2H-4, 15–16	9.35	0.914	85.1	11.4	2H-6, 140–141	13.60	1.336	75.1	12.6	1H-1, 7–8	0.07	0.009	81.8	23.3
2H-4, 20–21	9.40	0.917	80.9	13.8	2H-6, 145–146	13.65	1.342	72.6	12.2	1H-1, 12–13	0.12	0.015	79.4	13.2
2H-4, 25–26	9.45	0.921	78.4	12.0	2H-6, 149–150	13.69	1.346	80.5	13.7	1H-1, 17–18	0.17	0.021	73.7	22.4
2H-4, 30–31	9.50	0.924	76.2	13.7	2H-7, 5–6	13.75	1.352	85.7	13.2	1H-1, 22–23	0.22	0.028	78.3	18.8

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)
1H-1, 27–28	0.27	0.034	78.3	14.3	1H-3, 137–138	4.37	0.366	86.1	12.6	2H-1, 131–132	9.11	0.568	83.7	14.7
1H-1, 32–33	0.32	0.040	78.7	16.5	1H-3, 142–143	4.42	0.368	84.0	16.8	2H-1, 136–137	9.16	0.570	83.5	20.7
1H-1, 37–38	0.37	0.046	78.6	13.0	1H-3, 147–148	4.47	0.370	84.9	13.0	2H-1, 141–142	9.21	0.572	86.3	15.1
1H-1, 42–43	0.42	0.053	78.3	16.5	1H-4, 2–3	4.52	0.372	81.8	13.4	2H-1, 145–146	9.25	0.574	86.5	12.8
1H-1, 47–48	0.47	0.059	79.9	17.2	1H-4, 7–8	4.57	0.374	83.5	14.6	2H-2, 1–2	9.31	0.577	88.2	18.6
1H-1, 52–53	0.52	0.065	78.9	15.3	1H-4, 12–13	4.62	0.376	85.6	16.0	2H-2, 6–7	9.36	0.579	85.0	14.3
1H-1, 57–58	0.57	0.072	81.8	17.6	1H-4, 17–18	4.67	0.378	83.4	13.3	2H-2, 11–12	9.41	0.581	87.3	13.0
1H-1, 62–63	0.62	0.078	83.9	20.4	1H-4, 22–23	4.72	0.380	82.3	13.5	2H-2, 16–17	9.46	0.584	88.3	14.0
1H-1, 67–68	0.67	0.084	81.3	19.9	1H-4, 27–28	4.77	0.382	82.7	16.8	2H-2, 21–22	9.51	0.586	86.3	13.7
1H-1, 72–73	0.72	0.090	82.2	19.5	1H-4, 32–33	4.82	0.384	84.3	11.9	2H-2, 27–28	9.57	0.588	80.7	17.9
1H-1, 77–78	0.77	0.097	79.3	18.3	1H-4, 37–38	4.87	0.386	82.5	15.7	2H-2, 31–32	9.61	0.590	77.5	22.7
1H-1, 82–83	0.82	0.103	82.0	16.6	1H-4, 41–42	4.91	0.387	84.8	13.8	2H-2, 35–36	9.65	0.592	78.4	22.8
1H-1, 92–93	0.92	0.116	84.5	21.3	1H-4, 47–48	4.97	0.390	83.8	18.2	2H-2, 41–42	9.71	0.595	83.3	18.5
1H-1, 97–98	0.97	0.122	81.4	16.0	1H-4, 52–53	5.02	0.392	84.0	15.7	2H-2, 47–48	9.77	0.598	80.2	20.8
1H-1, 102–103	1.02	0.128	77.0	16.7	1H-4, 57–58	5.07	0.394	82.3	15.8	2H-2, 51–52	9.81	0.599	84.0	16.8
1H-1, 107–108	1.07	0.134	79.4	13.2	1H-4, 64–65	5.14	0.396	78.9	14.6	2H-2, 56–57	9.86	0.602	79.8	16.8
1H-1, 112–113	1.12	0.141	79.4	18.1	1H-4, 68–69	5.18	0.398	79.7	17.2	2H-2, 61–62	9.91	0.604	83.1	16.2
1H-1, 117–118	1.17	0.147	80.3	21.0	1H-4, 72–73	5.22	0.400	79.8	13.9	2H-2, 66–67	9.96	0.606	83.3	19.3
1H-1, 122–123	1.22	0.153	83.3	21.2	1H-4, 77–78	5.27	0.402	80.2	16.6	2H-2, 71–72	10.01	0.608	82.4	18.3
1H-1, 127–128	1.27	0.160	81.4	20.9	1H-4, 81–82	5.31	0.403	81.1	14.5	2H-2, 76–77	10.06	0.611	81.3	23.3
1H-1, 132–133	1.32	0.166	80.2	15.8	1H-4, 92–93	5.42	0.408	81.4	19.4	2H-2, 81–82	10.11	0.613	82.3	22.6
1H-1, 137–138	1.37	0.172	82.6	19.8	1H-4, 97–98	5.47	0.410	82.5	14.3	2H-2, 86–87	10.16	0.615	83.9	23.0
1H-1, 142–143	1.42	0.178	79.5	16.9	1H-4, 104–105	5.54	0.412	82.3	15.6	2H-2, 91–92	10.21	0.617	85.1	16.4
1H-2, 2–3	1.52	0.191	83.6	23.0	1H-4, 107–108	5.57	0.414	82.2	15.6	2H-2, 96–97	10.26	0.620	85.1	18.2
1H-2, 7–8	1.57	0.197	80.4	21.3	1H-4, 112–113	5.62	0.416	82.6	15.2	2H-2, 101–102	10.31	0.622	86.7	19.5
1H-2, 13–14	1.63	0.205	81.4	17.7	1H-4, 117–118	5.67	0.418	81.4	15.0	2H-2, 106–107	10.36	0.624	87.1	22.9
1H-2, 17–18	1.67	0.210	78.3	16.4	1H-5, 2–3	6.02	0.432	77.7	14.6	2H-2, 111–112	10.41	0.626	88.2	21.7
1H-2, 22–23	1.72	0.216	78.4	18.0	1H-5, 7–8	6.07	0.434	82.0	16.6	2H-2, 116–117	10.46	0.629	87.6	17.3
1H-2, 27–28	1.77	0.222	80.9	18.2	1H-5, 11–13	6.12	0.436	84.5	13.8	2H-2, 121–122	10.51	0.631	86.7	17.3
1H-2, 32–33	1.82	0.229	84.3	22.0	1H-5, 17–18	6.17	0.438	79.9	16.4	2H-2, 126–127	10.56	0.633	84.5	17.2
1H-2, 37–38	1.87	0.235	78.7	21.1	1H-5, 22–23	6.22	0.440	83.6	15.1	2H-2, 131–132	10.61	0.636	87.9	17.4
1H-2, 42–43	1.92	0.241	76.9	25.7	1H-5, 27–28	6.27	0.442	81.4	19.5	2H-2, 136–137	10.66	0.638	86.7	22.3
1H-2, 47–48	1.97	0.247	79.1	13.9	1H-5, 32–33	6.32	0.444	83.1	20.0	2H-2, 141–142	10.71	0.640	86.8	20.8
1H-2, 52–53	2.02	0.254	82.6	21.2	1H-5, 37–38	6.37	0.446	81.2	26.5	2H-2, 144–145	10.74	0.641	85.5	16.0
1H-2, 57–58	2.07	0.260	80.5	22.8	1H-5, 42–43	6.42	0.448	83.7	18.5	2H-3, 1–2	10.81	0.645	85.4	18.5
1H-2, 62–63	2.12	0.266	81.3	19.4	1H-5, 47–48	6.47	0.450	83.3	21.3	2H-3, 6–7	10.86	0.647	86.0	19.3
1H-2, 67–68	2.17	0.273	85.1	22.7	1H-5, 53–54	6.53	0.452	78.2	19.1	2H-3, 11–12	10.91	0.649	86.5	14.3
1H-2, 72–73	2.22	0.279	82.7	17.0	1H-5, 57–58	6.57	0.454	83.3	17.0	2H-3, 16–17	10.96	0.651	85.8	13.2
1H-2, 76–77	2.26	0.281	79.4	15.0	1H-5, 64–65	6.64	0.456	81.6	14.0	2H-3, 21–22	11.01	0.654	85.1	18.6
1H-2, 81–82	2.31	0.283	83.8	18.7	1H-5, 71–72	6.71	0.459	84.0	15.5	2H-3, 26–27	11.06	0.656	85.5	14.4
1H-2, 92–93	2.42	0.288	90.5	17.4	1H-5, 78–79	6.78	0.462	85.0	18.6	2H-3, 32–33	11.12	0.659	83.4	13.8
1H-2, 97–98	2.47	0.290	85.6	16.3	1H-5, 82–83	6.82	0.464	86.2	15.8	2H-3, 35–36	11.15	0.660	81.9	16.0
1H-2, 102–103	2.52	0.292	84.2	20.2	1H-5, 92–93	6.92	0.469	82.6	16.9	2H-3, 41–42	11.21	0.663	85.9	14.4
1H-2, 106–107	2.56	0.293	88.1	20.8	1H-5, 97–98	6.97	0.471	84.8	13.8	2H-3, 46–47	11.26	0.665	86.5	15.2
1H-2, 111–112	2.61	0.295	81.3	14.7	1H-5, 104–105	7.04	0.474	85.2	17.0	2H-3, 52–53	11.32	0.668	85.5	15.9
1H-2, 117–118	2.67	0.298	78.0	16.0	1H-5, 109–110	7.09	0.476	84.3	14.5	2H-3, 57–58	11.37	0.670	83.5	13.9
1H-2, 121–122	2.71	0.299	80.7	16.5	1H-5, 112–113	7.12	0.478	84.1	14.4	2H-3, 61–62	11.41	0.672	82.6	14.5
1H-2, 127–128	2.77	0.302	78.9	17.5	1H-5, 117–118	7.17	0.480	84.7	17.8	2H-3, 66–67	11.46	0.674	87.1	23.1
1H-2, 132–133	2.82	0.304	79.8	16.5	1H-5, 122–123	7.22	0.482	84.2	15.1	2H-3, 72–73	11.52	0.677	84.9	16.9
1H-2, 137–138	2.87	0.306	80.9	15.2	1H-5, 127–128	7.27	0.484	81.5	11.6	2H-3, 76–77	11.56	0.678	85.5	15.4
1H-2, 142–143	2.92	0.308	80.8	12.2	1H-5, 133–134	7.33	0.487	82.7	12.8	2H-3, 81–82	11.61	0.681	81.9	22.5
1H-2, 147–148	2.97	0.310	82.0	16.2	1H-5, 137–138	7.37	0.489	85.1	14.4	2H-3, 86–87	11.66	0.683	85.3	13.8
1H-3, 2–3	3.02	0.312	83.9	17.5	1H-5, 141–142	7.41	0.491	75.1	19.6	2H-3, 91–92	11.71	0.685	84.2	14.3
1H-3, 7–8	3.07	0.314	85.8	24.1	1H-5, 146–147	7.46	0.493	83.6	15.3	2H-3, 96–97	11.76	0.688	87.1	18.2
1H-3, 12–13	3.12	0.316	86.0	18.3	2H-1, 6–7	7.86	0.511	82.1	18.0	2H-3, 101–102	11.81	0.690	85.4	25.1
1H-3, 17–18	3.17	0.318	82.2	20.3	2H-1, 11–12	7.91	0.513	83.7	14.8	2H-3, 106–107	11.86	0.692	86.9	18.6
1H-3, 22–23	3.22	0.320	83.7	14.6	2H-1, 21–22	8.01	0.518	86.0	13.3	2H-3, 111–112	11.91	0.694	86.6	28.9
1H-3, 27–28	3.27	0.322	82.5	14.7	2H-1, 27–28	8.07	0.521	85.3	15.0	2H-3, 116–117	11.96	0.697	87.5	24.3
1H-3, 32–33	3.32	0.324	82.5	19.9	2H-1, 31–32	8.11	0.522	85.6	14.8	2H-3, 122–123	12.02	0.699	86.3	21.5
1H-3, 37–38	3.37	0.326	83.0	15.1	2H-1, 36–37	8.16	0.525	84.6	11.9	2H-3, 126–127	12.06	0.701	85.7	20.9
1H-3, 42–43	3.42	0.328	82.8	20.2	2H-1, 41–42	8.21	0.527	85.5	12.3	2H-3, 131–132	12.11	0.703	86.5	13.5
1H-3, 47–48	3.47	0.330	84.8	26.1	2H-1, 47–48	8.27	0.530	85.5	13.9	2H-3, 136–137	12.16	0.706	82.9	20.2
1H-3, 52–53	3.52	0.332	82.5	22.9	2H-1, 51–52	8.31	0.532	81.8	12.8	2H-3, 142–143	12.22	0.708	85.7	14.0
1H-3, 57–58	3.57	0.334	81.6	22.0	2H-1, 56–57	8.36	0.534	85.1	14.2	2H-3, 145–146	12.25	0.710	85.6	13.2
1H-3, 62–63	3.62	0.336	82.3	16.7	2H-1, 61–62	8.41	0.536	86.1	15.9	2H-4, 1–2	12.31	0.712	85.6	16.5
1H-3, 67–68	3.67	0.338	83.6	14.8	2H-1, 66–67	8.46	0.538	86.1	15.4	2H-4, 6–7	12.36	0.715	84.2	13.6
1H-3, 72–73	3.72	0.340	78.2	18.0	2H-1, 71–72	8.51	0.541	87.2	15.6	2H-4, 11–12	12.41	0.717	83.7	16.3
1H-3, 77–78	3.77	0.342	82.9	14.6	2H-1, 76–77	8.56	0.543	87.0	24.9	2H-4, 16–17	12.46	0.719	81.5	19.0
1H-3, 82–83	3.82	0.344	84.4	20.0	2H-1, 81–82	8.61	0.545	87.4	25.2	2H-4, 21–22	12.51	0.721	83.1	19.5
1H-3, 92–93	3.92	0.348	82.3	14.6	2H-1, 86–87	8.66	0.547	85.6	15.1	2H-4, 26–27	12.56	0.724	80.9	21.4
1H-3, 97–98	3.97	0.350	76.8	17.7	2H-1, 91–92	8.71	0.550	87.4	14.3	2H-4, 32–33	12.62	0.726	81.4	22.8
1H-3, 102–103	4.02	0.352	80.4	15.6	2H-1, 96–97	8.76	0.552	87.1	14.2	2H-4, 36–37	12.66	0.728	82.8	20.0
1H-3, 107–108	4.07	0.354	79.5	14.9	2H-1, 101–102	8.81	0.554	88.0	14.1	2H-4, 42–43	12.72	0.731	85.9	25.3
1H-3, 111–112	4.11	0.355	83.1	14.0	2H-1, 106–107	8.86	0.556	86.1	14.3	2H-4, 46–47	12.76	0.733	87.8	28.0
1H-3, 117–118	4.17	0.358	86.1	21.5	2H-1, 111–112	8.91	0.559	84.7	13.9	2H-4, 51–52	12.81	0.736	88.4	19.2
1H-3, 121–122	4.21	0.359	83.2	21.2	2H-1, 116–117	8.96	0.561	83.1	16.3	2H-4, 56–57	12.86	0.739	85.5	15.9
1H-3, 127–128	4.27	0.362	83.9	16.1	2H-1, 121–122	9.01	0.563	85.8	13.4	2H-4, 61–62	12.91	0.742	84.3	13.7
1H-3, 132–133	4.32	0.364	85.0	13.4	2H-1, 126–127	9.06	0.565	85.8	15.4	2H-4, 66–67	12.96	0.744	82.0	15.6

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)
2H-4, 74–75	13.04	0.749	85.6	14.3	2H-7, 21–22	17.01	0.896	85.0	14.8	3H-6, 33–34	25.13	1.269	82.7	40.2
2H-4, 76–77	13.06	0.750	85.2	16.5	2H-7, 27–28	17.07	0.897	89.2	16.3	3H-6, 44–45	25.24	1.277	85.8	15.5
2H-4, 81–82	13.11	0.752	86.1	15.6	2H-7, 31–32	17.11	0.898	88.0	21.7	3H-6, 53–54	25.33	1.283	84.1	16.3
2H-4, 86–87	13.16	0.755	86.0	15.4	2H-7, 36–37	17.16	0.900	86.8	14.8	3H-6, 63–64	25.43	1.291	84.1	22.6
2H-4, 91–92	13.21	0.758	86.4	19.0	2H-7, 41–42	17.21	0.904	86.0	18.2	3H-6, 75–76	25.55	1.299	84.4	14.7
2H-4, 96–97	13.26	0.761	86.3	14.1	2H-7, 47–48	17.27	0.910	86.5	16.3	3H-6, 82–83	25.62	1.304	82.7	16.9
2H-4, 103–104	13.33	0.764	83.4	15.6	2H-7, 51–52	17.31	0.914	87.1	16.4	3H-6, 93–94	25.73	1.312	88.1	19.4
2H-4, 106–107	13.36	0.766	83.2	17.5	2H-7, 56–57	17.36	0.919	85.8	14.6	3H-6, 102–103	25.82	1.319	86.1	28.4
2H-4, 112–113	13.42	0.769	87.9	15.5	2H-7, 61–62	17.41	0.924	84.5	23.8	3H-6, 113–114	25.93	1.326	86.1	21.5
2H-4, 116–117	13.46	0.772	81.6	21.6	2H-7, 65–66	17.45	0.928	84.2	16.7	3H-6, 123–124	26.03	1.334	85.5	24.5
2H-4, 122–123	13.52	0.775	83.3	17.5	2H-7, 71–72	17.51	0.934	83.0	17.6	3H-6, 132–133	26.12	1.340	85.0	18.1
2H-4, 126–127	13.56	0.777	87.4	14.2	3H-1, 11–12	17.41	0.924	84.8	16.1	3H-6, 143–144	26.23	1.348	85.1	21.8
2H-4, 133–134	13.63	0.781	84.6	17.8	3H-1, 22–23	17.52	0.935	84.6	18.5	3H-7, 10–11	26.40	1.360	87.3	23.2
2H-4, 136–137	13.66	0.783	81.9	13.6	3H-1, 32–33	17.62	0.945	83.4	21.2	4H-1, 5–6	26.85	1.392	84.2	27.3
2H-4, 142–143	13.72	0.786	83.4	16.3	3H-1, 43–44	17.73	0.956	84.0	15.7	4H-1, 13–14	26.93	1.398	86.2	19.1
2H-5, 1–2	13.81	0.791	80.8	17.7	3H-1, 53–54	17.83	0.966	84.5	17.1	4H-1, 25–26	27.05	1.407	86.0	17.3
2H-5, 6–7	13.86	0.793	82.3	42.4	3H-1, 62–63	17.92	0.975	81.1	18.2	4H-1, 35–36	27.15	1.414	85.5	17.6
2H-5, 11–12	13.91	0.796	81.6	25.2	3H-1, 72–73	18.02	0.985	83.8	16.6	4H-1, 44–45	27.24	1.420	86.7	21.3
2H-5, 16–17	13.96	0.799	83.2	22.0	3H-1, 82–83	18.12	0.994	86.7	22.1	4H-1, 53–54	27.33	1.427	83.4	14.8
2H-5, 21–22	14.01	0.802	83.5	16.0	3H-1, 91–92	18.21	1.003	85.1	20.2	4H-1, 63–64	27.43	1.434	83.3	14.4
2H-5, 26–27	14.06	0.804	84.1	25.1	3H-1, 101–102	18.31	1.013	88.0	29.2	4H-1, 75–76	27.55	1.443	85.2	13.8
2H-5, 31–32	14.11	0.807	84.8	18.1	3H-1, 114–115	18.44	1.026	85.1	31.1	4H-1, 83–84	27.63	1.448	85.1	18.6
2H-5, 36–37	14.16	0.810	84.8	20.7	3H-1, 122–123	18.52	1.034	85.5	25.0	4H-1, 93–94	27.73	1.456	87.4	18.1
2H-5, 41–42	14.21	0.813	85.7	16.1	3H-1, 132–133	18.62	1.044	84.9	16.4	4H-1, 103–104	27.83	1.463	87.7	17.1
2H-5, 46–47	14.26	0.815	80.4	21.9	3H-1, 142–143	18.72	1.054	83.4	16.9	4H-1, 114–115	27.94	1.471	86.5	16.6
2H-5, 51–52	14.31	0.818	81.9	16.7	3H-2, 11–12	18.91	1.063	80.1	29.0	4H-1, 123–124	28.03	1.477	83.3	13.9
2H-5, 57–58	14.37	0.821	83.9	20.7	3H-2, 22–23	19.02	1.066	85.0	16.2	4H-1, 134–135	28.14	1.485	86.3	15.5
2H-5, 61–62	14.41	0.823	87.0	27.6	3H-2, 35–36	19.15	1.069	85.1	28.9	4H-1, 143–144	28.23	1.492	86.6	15.7
2H-5, 66–67	14.46	0.826	84.1	20.1	3H-2, 43–44	19.23	1.071	82.2	25.2	4H-2, 5–6	28.35	1.500	87.1	22.7
2H-5, 71–72	14.51	0.829	85.6	18.3	3H-2, 53–54	19.33	1.074	84.6	17.8	4H-2, 13–14	28.43	1.506	87.3	14.7
2H-5, 75–76	14.55	0.831	84.2	24.1	3H-2, 62–63	19.42	1.076	83.6	19.6	4H-2, 25–26	28.55	1.515	84.3	18.2
2H-5, 81–82	14.61	0.832	82.8	19.9	3H-2, 75–76	19.55	1.079	83.7	15.3	4H-2, 35–36	28.65	1.522	87.6	20.4
2H-5, 86–87	14.66	0.833	83.6	19.7	3H-2, 82–83	19.62	1.081	82.8	18.5	4H-2, 44–45	28.74	1.528	87.3	20.0
2H-5, 91–92	14.71	0.835	85.8	22.0	3H-2, 92–93	19.72	1.083	84.5	20.3	4H-2, 53–54	28.83	1.535	85.9	26.0
2H-5, 96–97	14.76	0.836	85.3	19.3	3H-2, 102–103	19.82	1.086	82.0	25.8	4H-2, 63–64	28.93	1.542	84.6	26.9
2H-5, 101–102	14.81	0.837	87.1	20.2	3H-2, 114–115	19.94	1.089	86.0	27.4	4H-2, 75–76	29.05	1.550	85.4	24.3
2H-5, 106–107	14.86	0.839	86.4	19.0	3H-2, 122–123	20.02	1.091	86.6	16.9	4H-2, 83–84	29.13	1.556	86.1	23.0
2H-5, 111–112	14.91	0.840	87.7	21.3	3H-2, 132–133	20.12	1.093	85.6	16.7	4H-2, 93–94	29.23	1.563	85.3	27.6
2H-5, 116–117	14.96	0.841	86.3	20.1	3H-2, 142–143	20.22	1.096	84.7	17.9	4H-2, 103–104	29.33	1.571	87.7	30.3
2H-5, 121–122	15.01	0.843	85.5	20.6	3H-3, 11–12	20.41	1.100	85.9	23.0	4H-2, 115–116	29.45	1.579	84.5	27.3
2H-5, 126–127	15.06	0.844	83.6	17.7	3H-3, 22–23	20.52	1.103	86.9	21.1	4H-2, 123–124	29.53	1.585	87.2	18.6
2H-5, 131–132	15.11	0.845	83.2	17.8	3H-3, 33–34	20.63	1.106	88.8	17.7	4H-2, 133–134	29.63	1.592	87.4	15.7
2H-5, 136–137	15.16	0.847	83.6	17.7	3H-3, 43–44	20.73	1.108	84.2	23.2	4H-2, 143–144	29.73	1.599	84.9	22.9
2H-5, 141–142	15.21	0.848	84.6	30.1	3H-3, 53–54	20.83	1.111	88.6	17.1	4H-3, 5–6	29.85	1.608	83.5	19.4
2H-6, 1–2	15.31	0.851	82.9	25.6	3H-3, 63–64	20.93	1.113	84.8	17.0	4H-3, 13–14	29.93	1.614	83.0	15.5
2H-6, 6–7	15.36	0.852	81.9	28.0	3H-3, 75–76	21.05	1.116	85.5	34.0	4H-3, 25–26	30.05	1.622	83.8	16.3
2H-6, 11–12	15.41	0.853	80.5	18.7	3H-3, 82–83	21.12	1.118	83.4	23.8	4H-3, 35–36	30.15	1.629	85.9	16.0
2H-6, 16–17	15.46	0.855	83.5	16.9	3H-3, 94–95	21.24	1.121	83.9	32.1	4H-3, 44–45	30.24	1.636	85.9	15.6
2H-6, 21–22	15.51	0.856	84.6	15.0	3H-3, 102–103	21.32	1.123	86.4	18.8	4H-3, 53–54	30.33	1.642	86.4	18.9
2H-6, 26–27	15.56	0.857	85.1	13.1	3H-3, 114–115	21.44	1.126	84.3	17.9	4H-3, 63–64	30.43	1.649	85.7	23.6
2H-6, 31–32	15.61	0.859	83.8	13.2	3H-3, 122–123	21.52	1.128	82.6	16.7	4H-3, 74–75	30.54	1.657	87.3	17.9
2H-6, 36–37	15.66	0.860	85.2	20.5	3H-3, 132–133	21.62	1.130	86.4	21.7	4H-3, 83–84	30.63	1.664	87.2	15.9
2H-6, 42–43	15.72	0.862	87.0	11.8	3H-3, 142–143	21.72	1.133	85.0	14.5	4H-3, 93–94	30.73	1.671	86.2	20.3
2H-6, 47–48	15.77	0.863	81.3	40.8	3H-4, 11–12	21.91	1.138	89.0	18.9	4H-3, 103–104	30.83	1.678	85.5	21.5
2H-6, 51–52	15.81	0.864	89.6	13.2	3H-4, 22–23	22.02	1.140	87.9	23.8	4H-3, 113–114	30.93	1.685	83.7	19.9
2H-6, 56–57	15.86	0.865	87.9	15.0	3H-4, 34–35	22.14	1.143	86.3	20.4	4H-3, 123–124	31.03	1.693	86.8	21.8
2H-6, 61–62	15.91	0.867	86.7	14.1	3H-4, 43–44	22.23	1.145	86.9	22.8	4H-3, 134–135	31.14	1.700	87.0	25.0
2H-6, 66–67	15.96	0.868	88.7	18.1	3H-4, 53–54	22.33	1.148	85.6	16.2	4H-4, 5–6	31.35	1.716	88.2	19.9
2H-6, 72–73	16.02	0.870	87.3	13.4	3H-4, 63–64	22.43	1.150	81.1	15.3	4H-4, 13–14	31.43	1.721	85.4	17.7
2H-6, 75–76	16.05	0.870	84.3	15.0	3H-4, 73–74	22.53	1.153	88.8	16.8	4H-4, 25–26	31.55	1.730	85.1	15.1
2H-6, 81–82	16.11	0.872	85.0	13.7	3H-4, 84–85	22.64	1.156	86.3	19.3	4H-4, 35–36	31.65	1.737	84.2	19.9
2H-6, 86–87	16.16	0.873	86.6	14.2	3H-4, 92–93	22.72	1.158	83.1	18.4	4H-4, 44–45	31.74	1.744	80.5	19.2
2H-6, 91–92	16.21	0.875	84.6	13.4	3H-4, 102–103	22.82	1.160	87.2	21.0	4H-4, 53–54	31.83	1.750	82.9	17.9
2H-6, 96–97	16.26	0.876	86.2	11.3	3H-4, 114–115	22.94	1.163	85.0	26.8	4H-4, 63–64	31.93	1.757	84.9	17.1
2H-6, 101–102	16.31	0.877	85.6	11.8	3H-5, 10–11	23.40	1.174	85.3	28.9	4H-4, 74–75	32.04	1.765	83.2	25.1
2H-6, 106–107	16.36	0.879	86.3	11.7	3H-5, 22–23	23.52	1.177	85.2	27.1	4H-4, 83–84	32.13	1.772	82.8	16.1
2H-6, 111–112	16.41	0.880	86.8	13.8	3H-5, 33–34	23.63	1.180	84.4	37.7	4H-4, 93–94	32.23	1.779	84.7	15.4
2H-6, 111–117	16.46	0.881	86.8	12.8	3H-5, 44–45	23.74	1.183	84.0	24.4	4H-4, 103–104	32.33	1.786	85.5	14.9
2H-6, 121–122	16.51	0.883	86.7	14.0	3H-5, 53–54	23.83	1.185	85.3	19.5	4H-4, 113–114	32.43	1.793	86.5	15.8
2H-6, 126–127	16.56	0.884	88.6	13.5	3H-5, 63–64	23.93	1.188	88.3	26.2	4H-4, 123–124	32.53	1.800	84.1	16.1
2H-6, 131–132	16.61	0.885	87.1	11.8	3H-5, 75–76	24.05	1.191	84.7	31.4	4H-4, 134–135	32.64	1.808	86.2	23.4
2H-6, 136–137	16.66	0.887	87.1	14.2	3H-5, 82–83	24.12	1.196	79.2	25.1	4H-4, 143–144	32.73	1.815	83.6	24.6
2H-6, 142–143	16.72	0.888	86.0	10.9	3H-5, 95–96	24.25	1.206	83.4	17.2					
2H-6, 146–147	16.76	0.889	86.0	11.0	3H-5, 102–103	24.32	1.211	82.5	14.8	130-806B-				
2H-7, 1–2	16.81	0.891	85.8	19.6	3H-5, 132–133	24.62	1.232	86.8	15.4	1H-1, 23–24	0.23	0.018	88.0	27.4
2H-7, 6–7	16.86	0.892	85.7	13.2	3H-5, 143–144	24.73	1.240	87.3	7.6	1H-1, 34–35	0.34	0.026	86.5	23.4
2H-7, 11–12	16.91	0.893	88.8	12.6	3H-6, 10–11	24.90	1.252	86.2	20.9	1H-1, 45–46	0.45	0.034	82.9	25.8
2H-7, 16–17	16.96	0.894	87.5	11.1	3H-6, 22–23	25.02	1.261	86.3	18.2	1H-1, 55–56	0.55	0.042	84.1	20.6

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)
1H-1, 63–64	0.63	0.048	83.9	22.0	2H-3, 93–94	10.43	0.517	84.1	18.5	3H-3, 65–66	19.65	0.858	91.4	26.6
1H-1, 73–74	0.73	0.056	85.9	17.3	2H-3, 102–103	10.52	0.521	85.6	24.9	3H-3, 75–76	19.75	0.860	89.2	23.8
1H-1, 92–93	0.92	0.070	86.2	17.9	2H-3, 120–121	10.70	0.528	83.3	17.8	3H-3, 85–86	19.85	0.862	89.1	16.1
1H-1, 102–103	1.02	0.078	85.1	17.7	2H-3, 142–143	10.92	0.537	85.4	23.8	3H-3, 93–94	19.93	0.863	88.1	18.0
1H-1, 123–124	1.23	0.094	87.6	18.9	2H-4, 4–5	11.04	0.542	86.5	21.2	3H-3, 102–103	20.02	0.865	88.3	14.5
1H-1, 133–134	1.33	0.101	82.6	21.5	2H-4, 13–14	11.13	0.546	86.2	26.3	3H-3, 114–115	20.14	0.867	89.4	13.7
1H-1, 142–143	1.42	0.108	83.3	15.9	2H-4, 22–23	11.22	0.549	87.6	19.3	3H-3, 135–136	20.35	0.871	90.3	18.5
1H-2, 5–6	1.55	0.118	81.7	19.3	2H-4, 33–34	11.33	0.554	87.0	31.2	3H-3, 143–144	20.43	0.872	89.6	12.9
1H-2, 14–15	1.64	0.125	85.4	25.7	2H-4, 42–43	11.42	0.558	84.5	18.6	3H-4, 5–6	20.55	0.875	88.2	12.6
1H-2, 23–24	1.73	0.132	86.0	18.1	2H-4, 53–54	11.53	0.562	85.4	17.3	3H-4, 15–16	20.65	0.877	86.9	13.3
1H-2, 33–34	1.83	0.139	84.8	19.7	2H-4, 62–63	11.62	0.566	86.1	15.0	3H-4, 25–26	20.75	0.878	90.8	13.4
1H-2, 43–44	1.93	0.147	83.7	24.1	2H-4, 73–74	11.73	0.570	88.6	19.3	3H-4, 44–45	20.94	0.882	90.2	26.5
1H-2, 55–56	2.05	0.156	83.6	16.8	2H-4, 93–94	11.93	0.578	86.6	13.0	3H-4, 55–56	21.05	0.884	88.6	15.4
1H-2, 63–64	2.13	0.162	85.7	21.2	2H-4, 102–103	12.02	0.582	86.1	15.1	3H-4, 65–66	21.15	0.886	88.2	15.8
1H-2, 73–74	2.23	0.170	85.4	23.4	2H-4, 112–113	12.12	0.586	86.2	17.9	3H-4, 75–76	21.25	0.888	88.7	14.3
1H-2, 93–94	2.43	0.185	84.7	19.0	2H-4, 123–124	12.23	0.590	88.7	19.7	3H-4, 85–86	21.35	0.890	89.2	19.9
1H-2, 102–103	2.52	0.192	87.1	25.6	2H-4, 133–134	12.33	0.594	89.2	21.2	3H-4, 93–94	21.43	0.891	89.1	21.9
1H-2, 112–113	2.62	0.199	85.2	30.0	2H-4, 142–143	12.42	0.598	88.3	14.9	3H-4, 102–103	21.52	0.893	88.5	18.0
1H-2, 122–123	2.72	0.207	81.4	21.2	2H-5, 4–5	12.54	0.603	88.3	13.4	3H-4, 113–114	21.63	0.895	87.4	25.3
1H-2, 133–134	2.83	0.215	83.1	20.9	2H-5, 13–14	12.63	0.606	86.9	16.0	3H-5, 5–6	22.05	0.908	88.1	16.9
1H-2, 141–142	2.91	0.221	84.4	26.7	2H-5, 22–23	12.72	0.610	86.8	17.5	3H-5, 15–16	22.15	0.913	90.2	16.5
1H-3, 5–6	3.05	0.232	84.8	30.1	2H-5, 33–34	12.83	0.615	87.5	16.3	3H-5, 25–26	22.25	0.918	89.0	15.6
1H-3, 14–15	3.14	0.239	83.2	20.0	2H-5, 53–54	13.03	0.623	89.6	17.7	3H-5, 45–46	22.45	0.929	87.9	12.7
1H-3, 45–46	3.45	0.263	85.9	22.5	2H-5, 62–63	13.12	0.626	87.6	15.5	3H-5, 55–56	22.55	0.934	87.9	15.7
1H-3, 55–56	3.55	0.270	86.4	20.6	2H-5, 73–74	13.23	0.631	84.9	19.9	3H-5, 65–66	22.65	0.940	87.9	18.6
1H-3, 63–64	3.63	0.276	84.2	23.4	2H-5, 83–84	13.33	0.635	85.8	27.3	3H-5, 75–76	22.75	0.945	87.2	33.1
1H-3, 73–74	3.73	0.282	83.9	19.3	2H-5, 93–94	13.43	0.639	86.1	29.9	3H-5, 85–86	22.85	0.950	85.5	33.4
1H-3, 93–94	3.93	0.288	84.4	17.7	2H-5, 102–103	13.52	0.642	84.7	26.7	3H-5, 95–96	22.95	0.956	86.2	24.7
1H-3, 106–107	4.06	0.293	86.3	17.4	2H-5, 112–113	13.62	0.646	82.5	30.2	3H-5, 102–103	23.02	0.959	88.4	18.6
1H-4, 5–6	4.55	0.309	87.6	28.0	2H-5, 142–143	13.92	0.659	85.1	16.9	3H-5, 114–115	23.14	0.966	88.1	24.7
1H-4, 14–15	4.64	0.312	84.6	25.2	2H-6, 4–5	14.04	0.663	87.6	25.7	3H-5, 125–126	23.25	0.972	85.5	21.9
1H-4, 23–24	4.73	0.316	85.8	18.4	2H-6, 13–14	14.13	0.667	86.0	20.8	3H-5, 135–136	23.35	0.977	85.5	27.3
1H-4, 34–35	4.84	0.319	84.9	18.9	2H-6, 22–23	14.22	0.671	86.9	21.2	3H-5, 143–144	23.43	0.981	86.2	22.9
1H-4, 43–44	4.93	0.322	86.6	20.9	2H-6, 43–44	14.43	0.679	87.5	17.7	3H-6, 5–6	23.55	0.988	88.6	23.9
1H-4, 55–56	5.05	0.326	89.9	27.8	2H-6, 62–63	14.62	0.687	88.5	15.0	3H-6, 15–16	23.65	0.993	87.5	18.9
1H-4, 63–64	5.13	0.329	84.4	38.4	2H-6, 73–74	14.73	0.691	88.0	17.3	3H-6, 28–29	23.78	1.000	87.9	32.0
1H-4, 93–94	5.43	0.339	83.0	15.6	2H-6, 83–84	14.83	0.695	85.5	14.9	3H-6, 45–46	23.95	1.009	87.7	24.2
1H-4, 112–113	5.62	0.346	86.0	20.8	2H-6, 93–94	14.93	0.699	88.2	16.7	3H-6, 55–56	24.05	1.014	88.2	18.9
1H-4, 123–124	5.73	0.349	84.7	19.2	2H-6, 112–113	15.12	0.707	87.3	16.7	3H-6, 65–66	24.15	1.019	87.5	19.6
1H-4, 142–143	5.92	0.356	84.9	21.7	2H-6, 123–124	15.23	0.712	86.4	18.5	3H-6, 75–76	24.25	1.025	85.9	17.3
1H-5, 5–6	6.05	0.360	87.5	23.3	2H-6, 133–134	15.33	0.716	86.9	22.3	3H-6, 85–86	24.35	1.030	87.9	23.0
1H-5, 14–15	6.14	0.363	85.3	27.1	2H-6, 142–143	15.42	0.719	88.2	19.9	3H-6, 95–96	24.45	1.035	89.5	25.7
1H-5, 23–24	6.23	0.366	87.7	13.9	2H-7, 4–5	15.54	0.724	86.2	17.7	3H-6, 113–114	24.63	1.045	89.1	28.9
2H-1, 4–5	6.54	0.377	86.4	20.0	2H-7, 13–14	15.63	0.728	83.7	15.9	3H-6, 125–126	24.75	1.051	87.1	34.7
2H-1, 13–14	6.63	0.380	88.3	16.4	2H-7, 43–44	15.93	0.740	87.7	24.5	3H-6, 135–136	24.85	1.057	88.4	29.1
2H-1, 23–24	6.73	0.383	87.7	19.9	2H-7, 53–54	16.03	0.744	87.4	18.4	3H-6, 143–144	24.93	1.060	90.6	36.5
2H-1, 33–34	6.83	0.386	87.3	16.8	2H-7, 62–63	16.12	0.748	85.9	24.9	3H-7, 5–6	25.05	1.063	88.1	31.1
2H-1, 43–44	6.93	0.390	88.0	15.7	3H-1, 5–6	16.05	0.745	83.6	21.0	3H-7, 15–16	25.15	1.065	86.9	28.9
2H-1, 53–54	7.03	0.393	85.8	26.0	3H-1, 15–16	16.15	0.749	85.8	19.3	3H-7, 29–30	25.29	1.069	86.2	27.7
2H-1, 63–64	7.13	0.397	86.3	24.3	3H-1, 25–26	16.25	0.753	84.8	19.6	3H-7, 45–46	25.45	1.072	88.4	26.0
2H-1, 73–74	7.23	0.400	86.8	15.5	3H-1, 45–46	16.45	0.761	85.9	19.0	3H-7, 55–56	25.55	1.074	88.1	28.4
2H-1, 83–84	7.33	0.403	83.9	15.5	3H-1, 55–56	16.55	0.765	87.9	17.6	3H-7, 65–66	25.65	1.077	87.6	26.0
2H-1, 102–103	7.52	0.410	84.4	22.4	3H-1, 65–66	16.65	0.769	88.2	23.0	4H-1, 5–6	25.55	1.074	87.8	14.7
2H-1, 112–113	7.62	0.413	85.7	16.6	3H-1, 75–76	16.75	0.773	87.2	19.7	4H-1, 13–14	25.63	1.076	87.1	11.5
2H-1, 124–125	7.74	0.417	85.3	17.7	3H-1, 85–86	16.85	0.777	86.9	22.0	4H-1, 54–55	26.04	1.086	89.0	26.1
2H-1, 133–134	7.83	0.420	87.0	17.4	3H-1, 95–96	16.95	0.781	88.8	15.6	4H-1, 64–65	26.14	1.088	85.5	25.6
2H-1, 142–143	7.92	0.423	86.2	18.3	3H-1, 103–104	17.03	0.784	88.7	21.0	4H-1, 74–75	26.24	1.090	85.8	31.6
2H-2, 4–5	8.04	0.427	82.6	19.4	3H-1, 113–114	17.13	0.788	87.6	27.6	4H-1, 85–86	26.35	1.092	81.3	28.5
2H-2, 13–14	8.13	0.430	84.0	14.1	3H-1, 125–126	17.25	0.793	88.7	15.9	4H-1, 95–96	26.45	1.095	86.4	26.0
2H-2, 22–23	8.22	0.433	86.8	23.2	3H-1, 135–136	17.35	0.797	86.4	14.6	4H-1, 115–116	26.65	1.099	88.3	22.8
2H-2, 32–33	8.32	0.437	89.0	22.5	3H-1, 143–144	17.43	0.801	85.7	19.4	4H-1, 126–127	26.76	1.102	87.9	21.8
2H-2, 42–43	8.42	0.440	88.0	27.1	3H-2, 5–6	17.55	0.805	86.9	18.7	4H-1, 135–136	26.85	1.104	84.7	29.4
2H-2, 53–54	8.53	0.444	86.6	27.6	3H-2, 15–16	17.65	0.809	88.1	22.5	4H-1, 144–145	26.94	1.106	88.5	23.4
2H-2, 73–74	8.73	0.451	85.0	24.0	3H-2, 25–26	17.75	0.813	86.4	24.8	4H-2, 5–6	27.05	1.108	91.1	32.6
2H-2, 83–84	8.83	0.454	84.9	29.6	3H-2, 55–56	18.05	0.826	86.9	26.2	4H-2, 14–15	27.14	1.110	88.5	27.0
2H-2, 102–103	9.02	0.460	83.5	21.2	3H-2, 65–66	18.15	0.830	87.6	31.9	4H-2, 41–42	27.41	1.116	81.1	27.4
2H-2, 112–113	9.12	0.464	86.9	23.6	3H-2, 75–76	18.25	0.832	86.4	22.6	4H-2, 54–55	27.54	1.119	88.9	31.1
2H-2, 124–125	9.24	0.469	85.9	25.3	3H-2, 85–86	18.35	0.834	87.1	25.7	4H-2, 64–65	27.64	1.122	89.5	21.5
2H-2, 133–134	9.33	0.473	88.1	23.1	3H-2, 95–96	18.45	0.835	89.3	26.1	4H-2, 74–75	27.74	1.124	87.9	28.0
2H-2, 142–143	9.42	0.477	88.2	23.8	3H-2, 105–106	18.55	0.837	87.6	25.5	4H-2, 85–86	27.85	1.126	88.1	28.1
2H-3, 4–5	9.54	0.481	87.7	23.4	3H-2, 114–115	18.64	0.839	85.6	18.7	4H-2, 95–96	27.95	1.129	88.8	28.0
2H-3, 13–14	9.63	0.485	88.3	22.6	3H-2, 125–126	18.75	0.841	92.2	15.7	4H-2, 105–106	28.05	1.131	89.8	19.7
2H-3, 22–23	9.72	0.489	88.1	16.4	3H-2, 135–136	18.85	0.843	88.8	15.7	4H-2, 115–116	28.15	1.133	94.1	19.1
2H-3, 32–33	9.82	0.493	86.6	13.7	3H-3, 5–6	19.05	0.847	85.9	18.3	4H-2, 126–127	28.26	1.136	85.0	18.8
2H-3, 43–44	9.93	0.497	82.1	16.3	3H-3, 15–16	19.15	0.849	89.1	12.8	4H-2, 135–136	28.35	1.138	86.7	14.5
2H-3, 53–54	10.03	0.501	84.2	17.4	3H-3, 25–26	19.25	0.850	86.0	14.8	4H-2, 144–145	28.44	1.140	88.8	22.3
2H-3, 62–63	10.12	0.505	85.8	16.3	3H-3, 45–46	19.45	0.854	88.9	14.0	4H-3, 5–6	28.55	1.142	86.3	30.9
2H-3, 73–74	10.23	0.509	82.3	22.8	3H-3, 55–56	19.55	0.856	90.0	18.4	4H-3, 14–15	28.64	1.144	87.9	25.4

Table 1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)	Core, section, interval (cm)	Depth (mbsf)	Age (Ma)	$CaCO_3$ (%)	Size (μm)
4H-3, 25–26	28.75	1.147	85.7	31.1	4H-6, 54–55	33.54	1.346	85.6	17.3	5H-2, 144–145	37.94	1.586	85.5	26.4
4H-3, 44–45	28.94	1.151	87.1	28.6	4H-6, 64–65	33.64	1.352	85.6	19.7	5H-3, 5–6	38.05	1.592	88.2	26.9
4H-3, 54–55	29.04	1.153	88.9	17.9	4H-6, 74–75	33.74	1.357	89.7	18.7	5H-3, 15–16	38.15	1.598	88.8	34.4
4H-3, 64–65	29.14	1.155	86.3	27.9	4H-6, 86–87	33.86	1.364	88.7	16.4	5H-3, 25–26	38.25	1.603	89.1	22.3
4H-3, 74–75	29.24	1.158	87.1	15.4	4H-6, 94–95	33.94	1.368	88.9	14.7	5H-3, 43–44	38.45	1.614	87.3	21.0
4H-3, 85–86	29.35	1.160	88.4	20.0	4H-6, 103–104	34.03	1.373	87.4	16.3	5H-3, 55–56	38.55	1.620	87.7	24.4
4H-3, 94–95	29.44	1.162	90.9	5.4	4H-6, 115–116	34.15	1.380	89.8	20.4	5H-3, 65–66	38.65	1.625	87.8	31.2
4H-3, 104–105	29.54	1.164	89.7	28.9	4H-6, 126–127	34.26	1.386	88.4	19.8	5H-3, 75–76	38.75	1.630	87.9	32.0
4H-3, 115–116	29.65	1.167	88.9	25.1	4H-6, 135–136	34.35	1.391	88.3	19.0	5H-3, 85–86	38.85	1.636	87.2	34.7
4H-3, 126–127	29.76	1.169	86.9	30.0	4H-6, 144–145	34.44	1.396	87.5	18.5	5H-3, 95–96	38.95	1.641	86.5	30.7
4H-3, 135–136	29.85	1.171	87.8	32.8	4H-7, 5–6	34.55	1.402	89.9	19.9	5H-3, 103–104	39.03	1.646	88.0	34.1
4H-3, 144–145	29.94	1.174	89.2	30.7	4H-7, 14–15	34.64	1.406	88.4	19.1	5H-3, 114–115	39.14	1.652	88.1	30.6
4H-4, 5–6	30.05	1.176	87.1	18.5	4H-7, 32–33	34.82	1.416	88.0	20.3	5H-3, 125–126	39.25	1.658	86.5	34.7
4H-4, 14–15	30.14	1.178	88.8	23.3	4H-7, 45–46	34.95	1.423	89.2	33.6	5H-3, 135–136	39.35	1.663	86.3	34.5
4H-4, 32–33	30.32	1.182	87.1	21.7	4H-7, 54–55	35.04	1.428	87.5	36.3	5H-3, 144–145	39.44	1.668	87.0	33.5
4H-4, 54–55	30.54	1.187	88.0	21.7	4H-7, 63–64	35.13	1.433	86.7	26.2	5H-4, 5–6	39.55	1.674	88.3	32.4
4H-4, 64–65	30.64	1.189	88.0	27.5	5H-1, 5–6	35.05	1.429	85.8	24.7	5H-4, 15–16	39.65	1.680	86.7	30.4
4H-4, 74–75	30.74	1.194	89.2	28.5	5H-1, 15–16	35.15	1.434	85.7	28.1	5H-4, 25–26	39.75	1.685	86.4	30.0
4H-4, 84–85	30.84	1.199	86.1	22.2	5H-1, 24–25	35.24	1.439	86.2	24.5	5H-4, 44–45	39.94	1.695	88.0	23.9
4H-4, 94–95	30.94	1.205	88.4	16.0	5H-1, 45–46	35.45	1.451	86.9	30.3	5H-4, 55–56	40.05	1.701	89.3	24.9
4H-4, 103–104	31.03	1.210	86.2	19.0	5H-1, 55–56	35.55	1.456	86.2	18.1	5H-4, 65–66	40.15	1.707	89.4	24.8
4H-4, 115–116	31.15	1.216	88.8	22.1	5H-1, 65–66	35.65	1.461	88.9	25.9	5H-4, 75–76	40.25	1.712	89.9	28.9
4H-4, 126–127	31.26	1.222	88.8	18.6	5H-1, 75–76	35.75	1.467	87.5	26.5	5H-4, 85–86	40.35	1.718	88.7	28.1
4H-4, 135–136	31.35	1.227	87.7	24.7	5H-1, 85–86	35.85	1.472	87.4	30.5	5H-4, 94–95	40.44	1.723	86.0	31.2
4H-4, 144–145	31.44	1.232	89.2	21.5	5H-1, 93–94	35.93	1.477	85.9	20.8	5H-4, 102–103	40.52	1.727	85.8	29.3
4H-5, 5–6	31.55	1.238	87.6	28.1	5H-1, 102–103	36.02	1.482	84.4	21.5	5H-4, 115–116	40.65	1.734	85.6	28.7
4H-5, 14–15	31.64	1.243	88.6	29.6	5H-1, 113–114	36.13	1.488	85.3	21.4	5H-4, 126–127	40.76	1.740	87.1	26.9
4H-5, 32–33	31.82	1.253	90.9	32.3	5H-1, 125–126	36.25	1.494	86.1	22.3	5H-4, 135–136	40.85	1.745	85.7	23.9
4H-5, 45–46	31.95	1.260	86.0	22.8	5H-1, 135–136	36.35	1.500	86.8	29.2	5H-4, 144–145	40.94	1.750	86.7	27.3
4H-5, 54–55	32.04	1.265	86.0	19.6	5H-1, 144–145	36.44	1.505	85.5	28.1	5H-5, 5–6	41.05	1.756	85.9	23.6
4H-5, 64–65	32.14	1.270	88.5	19.2	5H-2, 5–6	36.55	1.511	87.8	32.2	5H-5, 15–16	41.15	1.761	85.2	23.6
4H-5, 74–75	32.24	1.276	90.3	29.3	5H-2, 15–16	36.65	1.516	89.1	27.1	5H-5, 26–27	41.26	1.767	87.0	29.4
4H-5, 84–85	32.34	1.281	89.9	34.3	5H-2, 25–26	36.75	1.521	87.2	21.8	5H-5, 45–46	41.45	1.778	87.3	31.1
4H-5, 94–95	32.44	1.286	89.6	31.0	5H-2, 43–44	36.93	1.531	88.5	24.0	5H-5, 55–56	41.55	1.783	86.7	34.3
4H-5, 103–104	32.53	1.291	86.4	32.9	5H-2, 55–56	37.05	1.538	86.3	20.7	5H-5, 65–66	41.65	1.789	89.4	27.0
4H-5, 115–116	32.65	1.298	77.1	37.5	5H-2, 65–66	37.15	1.543	88.3	26.7	5H-5, 75–76	41.75	1.794	86.6	29.1
4H-5, 126–127	32.76	1.304	87.3	18.6	5H-2, 75–76	37.25	1.549	88.7	24.5	5H-5, 85–86	41.85	1.800	84.2	27.6
4H-5, 135–136	32.85	1.309	87.1	27.0	5H-2, 85–86	37.35	1.554	88.1	22.8	5H-5, 94–95	41.94	1.804	83.0	26.7
4H-5, 144–145	32.94	1.314	89.0	38.6	5H-2, 95–96	37.45	1.560	90.4	30.5	5H-5, 102–103	42.02	1.809	85.4	26.3
4H-6, 5–6	33.05	1.320	87.0	16.0	5H-2, 103–104	37.53	1.564	87.6	31.9	5H-5, 115–116	42.15	1.816	87.6	22.0
4H-6, 14–15	33.14	1.325	87.6	8.0	5H-2, 114–115	37.64	1.570	87.3	30.2	5H-5, 126–127	42.26	1.822	89.2	22.7
4H-6, 31–32	33.31	1.334	89.4	27.2	5H-2, 125–126	37.75	1.576	87.0	26.7	5H-5, 135–136	42.35	1.827	90.1	26.7
4H-6, 45–46	33.45	1.342	86.3	28.7	5H-2, 135–136	37.85	1.581	86.1	31.9	5H-5, 144–145	42.44	1.832	89.0	21.5

Note: Ages are interpolated from magneto- and biostratigraphic datum events presented in Table 2.

Table 2. Magneto- and biostratigraphic datum events used to convert carbonate and grain-size data from the depth domain to the time domain for Holes 803B, 804B, 805C, and 806B.

Event	Depth (mbsf)	Age (Ma)
Hole 803B:		
Top of hole*	0	0
Brunhes/Matuyama boundary	7.7	0.73
Jaramillo (t)	9.9	0.91
Jaramillo (o)	11.9	0.98
Olduvai (t)	16.9	1.66
Olduvai (o)	18.8	1.88
Hole 804B:		
Top of hole*	0	0
Brunhes/Matuyama boundary	7.2	0.73
Jaramillo (t)	9.3	0.91
Jaramillo (o)	10.3	0.98
Olduvai (t)	16.6	1.66
Olduvai (o)	18.8	1.88
Hole 805C:		
Top of hole*	0	0
FAD *Emiliania huxleyi*	2.23	0.28
LAD *Pseudoemiliania lacunosa*	6.73	0.46
Brunhes/Matuyama boundary	12.70	0.73
LAD *Reticulofenestra asanoi*	14.53	0.83
FAD *Gephrycapsa parallela*	17.17	0.90
FAD *Reticulofenestra asanoi*	18.78	1.06
LAD *Helicosphaera sellii*	24.03	1.19
LAD *Discoaster brouweri*	33.78	1.89
Hole 806B:		
Top of hole*	0	0
FAD *Emiliania huxleyi*	3.68	0.28
LAD *Pseudoemiliania lacunosa*	9.01	0.46
LAD *Reticulofenestra asanoi*	18.16	0.83
FAD *Gephyrocapsa parallela*	21.91	0.90
FAD *Reticulofenestra asanoi*	24.91	1.06
LAD *Helicosphaera sellii*	30.67	1.19
LAD *Discoaster brouweri*	43.51	1.89

Notes: t = termination, o = onset, FAD = first appearance datum, and LAD = last appearance datum.
*Top of hole assumed to be zero age.