Data report: calcareous nannofossil biostratigraphy of Expedition 330, Louisville Seamount Trail, Sites U1372–U1377, Table T1. Nannofossil assemblages.

Core, section, interval (cm)	Preservation	*Amaurolithus delicatus*	*Amaurolithus primus*	*Amaurolithus tricorniculatus*	*Arkhangelskiella specillata*	*Bidiscus ignotus*	*Biscutum ubiquens*	*Braarudosphaera bigelowii*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus tropicus*	*Ceratolithus cristatus*	*Ceratolithus simplex*	*Ceratolithus telesmus*	*Chiasmolithus expansus*	*Chiasmoithus grandis*	*Chiasmoithus titus*	*Chiastozygus amphipons*	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Coccolithus pelagicus* with bar
330-U1372A-																					
1R-CC	VG								R												
2R-1, 0–1	VG								C				R	R						R	
2R-1, 25–26	VG								C			R	R	R							
2R-2, 0–1	VG								F				R	R							
2R-2, 25–26	VG								F			R	F	R						R	
2R-3, 0–1	VG								F				R	R							
2R-3, 25–26	G								F				R								
2R-4, 0–1	VG								C			R									
2R-4, 25–26	VG								F				R								
2R-5, 0–1	VG								F			R									
2R-5, 25–26	VG								F			R	R	R					R		
2R-6, 0–1	VG								F			R									
2R-6, 25–26	VG								F			R									
2R-CC	VG								F												
3R-1, 0–1	VG	R		R						R											
3R-1, 24–25	VG	R	R	R					F		F								R	F	
3R-2, 25–26	VG	R		R					F	R	F									C	
3R-2, 59–60	G	R	R						F											F	
3R-2, 67–68	G	R		R					F		R									F	
3R-2, 77–78	G			R					F											F	
4R-1, 2	G								R												
4R-1, 38–40	Barren																				
4R-1, 40	Barren																				
4R-1, 96	G																				
4R-1, 118	G																				
4R-2, 30	Barren																				
4R-2, 53	G																				
4R-2, 122	Barren																				
4R-3, 90	Barren																				
4R-4, 63	Barren																				
5R-1, 30–32	Barren																				
5R-2, 41	Barren																				
5R-2, 64	Barren																				
5R-3, 23	G																				
5R-3, 41	Barren																				
5R-3, 110	Barren																				
330-U1373A-																					
1R-1, 9–10	Barren																				
1R-CC	VG								F											R	
1R-2, 27	Barren																				
1R-2, 79–80	Barren																				
1R-3, 14–16	VG								F												
3R-2, 51	Barren																				
4R-CC	M																			R	
330-U1374A-																					
1R-1, 99–100	VG								F			R									
1R-1, 128–129	VG								F											R	
1R-2, 99–100	VG								F			R		R							
1R-2, 130–131	VG								F			R	R	R						R	
1R-3, 99–100	VG								F	R		R		R							
1R-3, 130–131	VG								F	R		R		R							
1R-4, 99–100	VG								F	R			R								
1R-4, 130–131	VG								F	R			R								
1R-5, 15–16	VG								F												
1R-5, 30–31	VG								F	R		R		R							
1R-CC	G																				
2R-4, 32 (light)	Barren																				
2R-4, 32 (dark)	Barren																				
3R-1, 30	G																R				
3R-1, 70	G				R	R	R											R			
3R-1, 70–72	Barren																				
6R-1, 20	G																				
6R-1, 23	G																				
330-U1375A-																					
1R-CC	VG								F	R		R								F	
2R-1, 13	M																			R	
2R-1, 32	M																			R	
330-U1375B-																					
1R-CC	VG																				
330-U1376A-																					
1R-1, 1	M/P								F		F									F	
1R-1, 41	M	R	R	R					F											F	
1R-1, 76	VG/G								F		R									F	
2R-6, CC	Barren																				
3R-6, 132	Barren																				
4R-1, 1	Barren																				
4R-1, 89	Barren																				
4R-3, 66	Barren																				
4R-3, 107	Barren																				
4R-4, 54	Barren																				
4R-4, 88	Barren																				
330-U1377A-																					
1R-1, 0–1	VG							R	F	R				R						F	R
2R-1, 8	M/P																				
2R-1, 13	P																			R	
330-U1377B-																					
1R-2, 0–1	MP														R	R	F			F	
1R-2, 7	P																				
1R-2, 28	VG								F	R										C	
1R-2, 29	Barren																				

Core, section, interval (cm)	*Cretarhabdus crenulata*	*Cribrosphaerella erenbergii*	*Cyclicargolithus abisecta*	*Cyclicargolithus floridanus*	*Dicctyococcites antarcticus*	*Dicctyococcites productus*	*Dictyoccites scrippseae*	*Discoaster asymmetricus*	*Discoaster barbadiensis*	*Discoaster bellus*	*Discoaster binodosus*	*Discoaster braarudii*	*Discoaster brouweri*	*Discoaster challengeri*	*Discoaster deflandrei*	*Discoaster icarus*	*Discoaster intercalaris*	*Discoaster loeblichii*	*Discoaster moorei*	*Discoaster neohamatus*
330-U1372A-																				
1R-CC						A														
2R-1, 0–1						R				R										
2R-1, 25–26						C														
2R-2, 0–1						C														
2R-2, 25–26				R		C														
2R-3, 0–1																				
2R-3, 25–26						R														
2R-4, 0–1																				
2R-4, 25–26						F														
2R-5, 0–1						R														
2R-5, 25–26																				
2R-6, 0–1																				
2R-6, 25–26																				
2R-CC																				
3R-1, 0–1										R		R	R	F						
3R-1, 24–25					R	C							F	F		R			R	R
3R-2, 25–26						F							F							
3R-2, 59–60						F				R			R							
3R-2, 67–68					R	F							R	R						
3R-2, 77–78						F						R								
4R-1, 2																				
4R-1, 38–40																				
4R-1, 40																				
4R-1, 96																				
4R-1, 118						R														
4R-2, 30																				
4R-2, 53																				
4R-2, 122																				
4R-3, 90																				
4R-4, 63																				
5R-1, 30–32																				
5R-2, 41																				
5R-2, 64																				
5R-3, 23																				
5R-3, 41																				
5R-3, 110																				
330-U1373A-																				
1R-1, 9–10																				
1R-CC						F														
1R-2, 27																				
1R-2, 79–80																				
1R-3, 14–16						C														
3R-2, 51																				
4R-CC																				
330-U1374A-																				
1R-1, 99–100						C														
1R-1, 128–129						C														
1R-2, 99–100						C														
1R-2, 130–131						A														
1R-3, 99–100						F														
1R-3, 130–131						F														
1R-4, 99–100						F														
1R-4, 130–131						F														
1R-5, 15–16						C														
1R-5, 30–31																				
1R-CC																				
2R-4, 32 (light)																				
2R-4, 32 (dark)																				
3R-1, 30		R																		
3R-1, 70	R	R																		
3R-1, 70–72																				
6R-1, 20						R														
6R-1, 23																				
330-U1375A-																				
1R-CC					R	F											R			
2R-1, 13																				
2R-1, 32																				
330-U1375B-																				
1R-CC						R														
330-U1376A-																				
1R-1, 1						F	R								R					R
1R-1, 41					F	C		R					R		R			R		
1R-1, 76			R	C										R	F				R	
2R-6, CC																				
3R-6, 132																				
4R-1, 1																				
4R-1, 89																				
4R-3, 66																				
4R-3, 107																				
4R-4, 54																				
4R-4, 88																				
330-U1377A-																				
1R-1, 0–1						R							R							R
2R-1, 8				R																
2R-1, 13						R														
330-U1377B-																				
1R-2, 0–1				F	F				R		R									
1R-2, 7				R		R														
1R-2, 28																				
1R-2, 29																				

Core, section, interval (cm)	*Discoaster pansus*	*Discoaster pentaradiatus*	*Discoaster prepentaradiatus*	*Discoaster quinqueramus*	*Discoaster saipanensis*	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster tanii*	*Discoaster triradiatus*	*Discoaster variabilis*	*Eiffellithus gorkea*	*Eiffellithus turriseiffelii*	*Ericsonia formosa*	*Gephyrocapsa* (small)	*Gephyrocapsa caribbeanica*	*Gephyrocapsa oceanica*	*Gephyrocapsa omega*	*Hayaster perplexus*	*Helicosphaera carteri*	*Helicosphaera granulata*
330-U1372A-																				
1R-CC														A					F	
2R-1, 0–1														D	F	F			C	
2R-1, 25–26														A	F	F			C	
2R-2, 0–1														A	F				F	
2R-2, 25–26						R								D	F				C	
2R-3, 0–1														A	R				F	
2R-3, 25–26														A	R		R		F	
2R-4, 0–1														A		F		R	F	
2R-4, 25–26														A	F		R		R	
2R-5, 0–1														A	F	F		R	F	
2R-5, 25–26														D				R	C	
2R-6, 0–1														D				R	F	
2R-6, 25–26														D					F	
2R-CC														C				R	F	
3R-1, 0–1			F				R		R	F									F	
3R-1, 24–25			F	F		R			R	F									F	
3R-2, 25–26		F		R					R	F									F	
3R-2, 59–60		F							R										F	
3R-2, 67–68	R	F		R		R	R		R	F								R	F	
3R-2, 77–78		F		R						C									F	
4R-1, 2																				
4R-1, 38–40																				
4R-1, 40																				
4R-1, 96																R				
4R-1, 118																				
4R-2, 30																				
4R-2, 53														R						
4R-2, 122																				
4R-3, 90																				
4R-4, 63																				
5R-1, 30–32																				
5R-2, 41																				
5R-2, 64																				
5R-3, 23																				
5R-3, 41																				
5R-3, 110																				
330-U1373A-																				
1R-1, 9–10																				
1R-CC														C	R				F	
1R-2, 27																				
1R-2, 79–80																				
1R-3, 14–16														C					R	
3R-2, 51																				
4R-CC																				
330-U1374A-																				
1R-1, 99–100														A	F	F			F	
1R-1, 128–129														A	R	R			R	
1R-2, 99–100														A	R	R			F	
1R-2, 130–131														D	F	F			F	
1R-3, 99–100														A	R	R			F	
1R-3, 130–131														A	R	R			F	
1R-4, 99–100														A	F	F			F	
1R-4, 130–131														A	F	F			F	
1R-5, 15–16														D	F	F			F	
1R-5, 30–31														A	F	R			F	
1R-CC														F						
2R-4, 32 (light)																				
2R-4, 32 (dark)																				
3R-1, 30											R	R								
3R-1, 70											R	R								
3R-1, 70–72																				
6R-1, 20																				
6R-1, 23														R						
330-U1375A-																				
1R-CC										R				A	F				F	
2R-1, 13																				
2R-1, 32																				
330-U1375B-																				
1R-CC														R					R	
330-U1376A-																				
1R-1, 1																				
1R-1, 41																				
1R-1, 76		R																		R
2R-6, CC																				
3R-6, 132																				
4R-1, 1																				
4R-1, 89																				
4R-3, 66																				
4R-3, 107																				
4R-4, 54																				
4R-4, 88																				
330-U1377A-																				
1R-1, 0–1									R					C	R	R			F	
2R-1, 8																				
2R-1, 13																				
330-U1377B-																				
1R-2, 0–1					R			R					F							
1R-2, 7																				
1R-2, 28						R	R							D					F	
1R-2, 29																				

Core, section, interval (cm)	*Helicosphaera hayalina*	*Helicosphaera inversa*	*Helicosphaera neogranulata*	*Helicosphaera sellii*	*Microrhabdulus belgicus*	*Microrhabdulus decoratus*	*Micula decussata*	*Nephrolithus frequens*	*Nephrolithus miniporus*	*Placozygus sigmoides*	*Pontosphaera discopora*	*Pontosphaera japonica*	*Pontosphaera mulitipora*	*Pontosphaera plana*	*Prediscosphaera cretacea*	*Prediscosphaera spinosa*	*Prinsius bisulcus*	*Prinsius dimorphosus*	*Prinsius martinii*	*Pseudoemiliania lacunosa*
330-U1372A-																				
1R-CC			R									R	R							C
2R-1, 0–1			R								R	R	R	F						C
2R-1, 25–26			R	R								R	R							R
2R-2, 0–1												R	R	R						R
2R-2, 25–26			F	R							F	F								C
2R-3, 0–1											F		R							C
2R-3, 25–26		R	R	R							R		R	R						C
2R-4, 0–1	F			F							R	R	F							C
2R-4, 25–26				R									R	R						C
2R-5, 0–1		R										R								C
2R-5, 25–26		R	F	F							C	R								C
2R-6, 0–1			R	F									F							C
2R-6, 25–26			R								R	R	R							C
2R-CC			R								R									C
3R-1, 0–1																				R
3R-1, 24–25			R								R		R							R
3R-2, 25–26			R																	R
3R-2, 59–60																				
3R-2, 67–68																				R
3R-2, 77–78																				
4R-1, 2																				
4R-1, 38–40																				
4R-1, 40																				
4R-1, 96																				
4R-1, 118																				
4R-2, 30																				
4R-2, 53																				
4R-2, 122																				
4R-3, 90																				
4R-4, 63																				
5R-1, 30–32																				
5R-2, 41																				
5R-2, 64																				
5R-3, 23																				
5R-3, 41																				
5R-3, 110																				
330-U1373A-																				
1R-1, 9–10																				
1R-CC			F																	C
1R-2, 27																				
1R-2, 79–80																				
1R-3, 14–16																				C
3R-2, 51																				
4R-CC																				
330-U1374A-																				
1R-1, 99–100			R									R	R	R						C
1R-1, 128–129			R																	F
1R-2, 99–100																				C
1R-2, 130–131			F	R								R	F							C
1R-3, 99–100		R		R																C
1R-3, 130–131		R		R								R	R	R						C
1R-4, 99–100				R									R							F
1R-4, 130–131				R									R							F
1R-5, 15–16			F										R							C
1R-5, 30–31			R	R								R								C
1R-CC																				R
2R-4, 32 (light)																				
2R-4, 32 (dark)																				
3R-1, 30					R		R	R	R	R										
3R-1, 70					R	R	R	R		R					R	R				
3R-1, 70–72																				
6R-1, 20																				R
6R-1, 23																				
330-U1375A-																				
1R-CC			F	R									R							C
2R-1, 13																	R	R	R	
2R-1, 32																				
330-U1375B-																				
1R-CC																				R
330-U1376A-																				
1R-1, 1			F																	
1R-1, 41			R																	
1R-1, 76																				
2R-6, CC																				
3R-6, 132																				
4R-1, 1																				
4R-1, 89																				
4R-3, 66																				
4R-3, 107																				
4R-4, 54																				
4R-4, 88																				
330-U1377A-																				
1R-1, 0–1	F			F							R	R	R							F
2R-1, 8																				
2R-1, 13																				
330-U1377B-																				
1R-2, 0–1																				
1R-2, 7																				
1R-2, 28											R		R							
1R-2, 29																				

Core, section, interval (cm)	*Psyktosphaera firthii*	*Retecapsa angustiforata*	*Reticulofenestra gelida*	*Reticulofenestra haqii*	*Reticulofenestra hillae*	*Reticulofenestra minuta*	*Reticulofenestra minutula*	*Reticulofenestra pseudoumbilica*	*Rhabdosphaera clavigera*	*Rhabdosphaera procerus*	*Scapholithus fossilis*	*Scyphosphaera apsteinii*	*Scyphosphaera lagena*	*Scyphosphaera piriformis*	*Scyphosphaera* sp.	*Sphenolithus heteromorphus*	*Sphenolithus abies*	*Sphenolithus neoabies*	*Sphenolithus procerus*	*Sphenolithus spiniger*	*Syracosphaera pulchra*	*Umbilicosphaera jafarii*	*Umbilicosphaera rotula*	*Watznaueria barnsae*	*Zygrhablithus bijugatus*
330-U1372A-																									
1R-CC									R	R	R										F	R			
2R-1, 0–1									F	C	F										R	R			
2R-1, 25–26									C		F				R						F	R			
2R-2, 0–1									C	F	F										C				
2R-2, 25–26									C		F										C				
2R-3, 0–1									F	F	F										F	R			
2R-3, 25–26									F		R										F		R		
2R-4, 0–1									R	F	R	F									F	R	R		
2R-4, 25–26									F		R										R		R		
2R-5, 0–1									F		R										R		R		
2R-5, 25–26									C	F	R	R		R	R						F		R		
2R-6, 0–1									C		F		R								F		F		
2R-6, 25–26									C		F														
2R-CC																									
3R-1, 0–1			F			C	F	F	F								R	C							
3R-1, 24–25			F	F		C	C	F	F	R	R						F						F		
3R-2, 25–26			F	F		C	C	F		R							C		R				R		
3R-2, 59–60			F	F		A	C	F		R							C						F		
3R-2, 67–68			F	F		C	C	F									F		R				F		
3R-2, 77–78			F	F		A	C	F									F								
4R-1, 2																									
4R-1, 38–40																									
4R-1, 40																									
4R-1, 96																									
4R-1, 118																									
4R-2, 30																									
4R-2, 53																									
4R-2, 122																									
4R-3, 90																									
4R-4, 63																									
5R-1, 30–32																									
5R-2, 41																									
5R-2, 64																									
5R-3, 23						R																			
5R-3, 41																									
5R-3, 110																									
330-U1373A-																									
1R-1, 9–10																									
1R-CC						C			F												R				
1R-2, 27																									
1R-2, 79–80																									
1R-3, 14–16						C			F		R														
3R-2, 51																									
4R-CC																									
330-U1374A-																									
1R-1, 99–100									F		F										F	R			
1R-1, 128–129									C		F														
1R-2, 99–100									F		F										F				
1R-2, 130–131									C												F	F			
1R-3, 99–100									F		R										F	F			
1R-3, 130–131									F		F										F	F			
1R-4, 99–100									F		F										F				
1R-4, 130–131									F		F										F				
1R-5, 15–16									F		F										C	F			
1R-5, 30–31									F		F										F	R			
1R-CC																									
2R-4, 32 (light)																									
2R-4, 32 (dark)																									
3R-1, 30		R																						R	
3R-1, 70	R																							R	
3R-1, 70–72																									
6R-1, 20						R																			
6R-1, 23						R																			
330-U1375A-																									
1R-CC									F												F				
2R-1, 13																									
2R-1, 32																									
330-U1375B-																									
1R-CC																									
330-U1376A-																									
1R-1, 1				R													F								
1R-1, 41			F			C			F								C		R				R		
1R-1, 76			R	R		F	F	R								F						R			
2R-6, CC																									
3R-6, 132																									
4R-1, 1																									
4R-1, 89																									
4R-3, 66																									
4R-3, 107																									
4R-4, 54																									
4R-4, 88																									
330-U1377A-																									
1R-1, 0–1									F		F										F	F			
2R-1, 8																								R	
2R-1, 13																									
330-U1377B-																									
1R-2, 0–1					F	R														R					R
1R-2, 7																									
1R-2, 28									F		R										F				
1R-2, 29																									

Preservation: VG = very good, G = good, M = moderate, P = poor. Abundance: D = dominant, A = abundant, C = common, F = few, R = rare.