

Table T3. Biostratigraphic diatom data for Core 172-1063D-3H. (Continued on next two pages.).

Core, section, interval (cm)	Depth (mbsf)	Abundance	Preservation	<i>Actinocyclus curvatulus</i>	<i>Actinocyclus ellipticus</i> var. <i>elongatus</i>	<i>Actinocyclus ingens</i>	<i>Actinocyclus octonarius</i>	<i>Actinocyclus octonarius</i> var. <i>teniella</i>	<i>Actinopterychus senarius</i>	<i>Actinopterychus</i> spp.	<i>Amphora</i> cf. <i>robusta</i>	<i>Asterolampra grevillei</i>	<i>Asterolampra marylandicus</i>	<i>Asteromphalus arachne</i>	<i>Asteromphalus elegans</i>	<i>Asteromphalus heptactis</i>	<i>Asteromphalus</i> sp. A	<i>Asteromphalus</i> spp.	<i>Auliscus</i> spp.	<i>Azpetia africana</i>	<i>Azpetia neocrenulata</i>	<i>Azpetia nodulifer</i>	<i>Bacteriastrium hyalinum</i>	<i>Biddulphia alternans</i>	<i>Biddulphia/Odontella</i> spp.	<i>Chaetoceros diadema</i>	<i>Chaetoceros lacinosus</i>	<i>Chaetoceros messanensis</i>	<i>Chaetoceros mitra</i>	<i>Chaetoceros</i> spp.	<i>Cocconeis disculoides</i>	<i>Cocconeis pinnata</i>	<i>Cocconeis</i> spp.	
172-1063D-																																		
3H-4, 103-104	17.33	A	G	X			X		X	X			X	R	X	X					R	R	R	R				C	R			X		
3H-4, 113-114	17.43	A	G	X	X		R	X	X			X	R	X	X		X	X			X	R	X	F		X		C	R			X		
3H-4, 123-124	17.53	C	M	X	X		R		X				X	X							X	R		F				F	R			X		
3H-4, 133-134	17.63	C	M	X			X					X	R				X					R		R				R	R			X		
3H-4, 143-144	17.73	C	M	X			R		X				X	X							X	R	X	X			X	R	R			X		
3H-5, 3-4	17.83	F	M	X			X		X			X	X		X						X	X	X	X				R	R			X		
3H-5, 13-14	17.93	C	M	X			R		X						X		X				X	X	X	X				R	R					
3H-5, 23-24	18.03	C	M	X			X		X				X		X						X	X	X	X				R	X			R		
3H-5, 33-34	18.13	F	M	X			X	X	X			X	X		X		X				X	X	X	X				R	R					
3H-5, 43-44	18.23	C	M						X												X	R	X	X				X	R					
3H-5, 53-54	18.33	C	M	X			X	?	R				X		R						X	R	X	X			X	X	R					
3H-5, 63-64	18.43	C	M	R			R	X	X			X	X		X						X	R	X	X			X	R	R					
3H-5, 73-74	18.53	C	M	R			X		X			X	X		X						X	R	X	R			R	X						
3H-5, 83-84	18.63	A	G	X	X		R		X				R	X	X		X				X	R	X	R			X	R				R		
3H-5, 93-94	18.73	C	M	X	R				X				X	X	X						X	R	X	R			X	X	X			X		
3H-5, 103-104	18.83	C	M	X			X		X						X		X				X	R	X	X				X	X					
3H-5, 113-114	18.93	F	P	R			X	X	X	X					X						X	R	X	X		X			X					
3H-5, 123-124	19.03	C	M	X			R		R				X								X	R		X			X	X						
3H-5, 133-134	19.13	C	M	R	X		X		X	X			X	X	X						X	R	X	X			R	X		X		X		
3H-5, 143-144	19.23	C	M	X	X			X	X	X		X	R		X						X	X		X			X	X				X		
3H-6, 3-4	19.33	C	M	X			R						R	X	X		X				X	X		X			X	X				X		
3H-6, 13-14	19.43	F	P				X						X		X						X	X			X			X				X		
3H-6, 23-24	19.53	F	P	X			X		X	X			X		X						X	R	X									X		
3H-6, 33-34	19.63	C	P	X			X		X	R					X							X		X										
3H-6, 43-44	19.73	F	P	X			X		R												X		F											
3H-6, 53-54	19.83	F	P	X			X															X	X											
3H-6, 63-64	19.93	R	P	X																														
3H-6, 73-74	20.03	R	P	X			X																											
3H-6, 83-84	20.13	F	M	X			R			X			X	X							X		X				X		R					
3H-6, 93-94	20.23	C	M	X			R		X				R	X	X		X				X	X	X	X				R				R		
3H-6, 103-104	20.33	A	M	X			R			X				R	X		X				X	X	X	R				X	F			R		
3H-6, 113-114	20.43	A	M				R		X	X				R							X		X	R				X						
3H-6, 123-124	20.53	C	M	X			R		X				R	X	X		X				X	X	X	R			X	F			X			
3H-7, 3-4	20.63	F	P	X			R		X						X						X	X		X					X					
3H-7, 13-14	20.73	F	P	X			R																X											
3H-7, 23-24	20.83	F	M	X			X		X						X						X	X	X		X		X		X					
3H-7, 33-34	20.93	C	M	X			X		R	X			X								X	X	X											
3H-7, 43-44	21.03	F	M	X			X		X				X	X	X						R	R	X	X								X		
3H-7, 53-54	21.13	F	P				X		X				X		X						X	X	X	X		X		X				X		
3H-7, 63-64	21.23	F	M	X			X		X	X					X						X	X	X					X						
3H-7, 73-74	21.33	R	P	X			X		X	X					X							X	X											

Notes: Abundance: A = abundant, C = common, F = frequent, R = rare, X = scarce, B = barren. Preservation: G = good, M = moderate, P = poor, F = fragments.

DATA REPORT: DIATOM BIOSTRATIGRAPHY

Table T3 (continued).

Core, section, interval (cm)	Depth (mbsf)	Abundance	Preservation	<i>Coscinodiscus marginatus</i>	<i>Coscinodiscus nitidus</i>	<i>Coscinodiscus oculinoidus</i>	<i>Coscinodiscus radiatus</i>	<i>Coscinodiscus reniformis</i>	<i>Cymatosira lorenziana</i>	<i>Delphineis surirella</i>	<i>Denticulopsis</i> spp.	<i>Diploneis bombus</i>	<i>Diploneis crabro</i>	<i>Diploneis subovalis</i>	<i>Diploneis</i> spp.	<i>Ditylum brightwellii</i>	<i>Ethmodiscus rex</i> frags.	<i>Fragilariaopsis doliolus</i>	<i>Grammatophora</i> spp.	<i>Hemiaulus hauckii</i>	<i>Hemidiscus cuneiformis</i>	<i>Navicula lyroides</i>	<i>Navicula</i> spp.	<i>Nitzschia panduriformis</i>	<i>Nitzschia sicula</i> var.	<i>Nitzschia</i> fossils	<i>Nitzschia marina</i>	<i>Nitzschia reinholdii</i>	<i>Odontella aurita</i>	<i>Opephora</i> spp.	<i>Paralia sulcata</i>	<i>Pinnularia</i> spp.	<i>Plagioargammina</i> spp.
172-1063D-																																	
3H-4, 103-104	17.33	A	G				R		R	R					X	F	R	R		X				R		C	r	R		R			
3H-4, 113-114	17.43	A	G				F		R	R					X	F	R	R		X				X	R	F			R				
3H-4, 123-124	17.53	C	M		X		F		X	R				X	R	F	R	R		X				X	R	F		X	R				
3H-4, 133-134	17.63	C	M	X			F			R					R	F	F	F		X				X		F			R				
3H-4, 143-144	17.73	C	M				R			X					X	F	A	F		X				X	X	F		X	R				
3H-5, 3-4	17.83	F	M				R			R					X	R	R	R		X				X		R			R				
3H-5, 13-14	17.93	C	M	X	X		R		X	X					X	R	F	R		R	X		X	X	R			R					
3H-5, 23-24	18.03	C	M				R			R						R	F	R		X				R	X	R		X					
3H-5, 33-34	18.13	F	M	X			R			R					X	R	R	X		X				X	R	R	X	X		X			
3H-5, 43-44	18.23	C	M		X		F		X	X					X	X	C	R		X				X		F	X	X		F			
3H-5, 53-54	18.33	C	M				F	C	X	X	R		? ?			X	F	F		X				X	X	R	X			F			
3H-5, 63-64	18.43	C	M				X	F		X	X		? ?			F	C	F		R					F				R				
3H-5, 73-74	18.53	C	M				X	F		R					X	R	C	F		R					F	X			R				
3H-5, 83-84	18.63	A	G		X	X	F		R	X		? ?			X	R	F	F		X	X		X	F	F				F				
3H-5, 93-94	18.73	C	M		X	F	X		X	X				X		X	F	F		R				F	R			X	R				
3H-5, 103-104	18.83	C	M				X	R		X						R	F	F			X			R					R				
3H-5, 113-114	18.93	F	P				X	F								R	F	R		X	?			R		?	X		R				
3H-5, 123-124	19.03	C	M				X	F							X		F	R						R	X			R					
3H-5, 133-134	19.13	C	M				X	F								R	C	R		X				R	X		X		R				
3H-5, 143-144	19.23	C	M				F	X		X	X					R	F	C	R					X	X	X			R				
3H-6, 3-4	19.33	C	M		X		R			X					X	R	F	F						X	R		X		R				
3H-6, 13-14	19.43	F	P				R			X						X	F	R		X	X	X			R		F		R				
3H-6, 23-24	19.53	F	P				X	R						?		X	R	R			X	X				F			R				
3H-6, 33-34	19.63	C	P				X	R		R					X	X	R			X					R		F		R		X		
3H-6, 43-44	19.73	F	P		X	X	R										R			X					R		R		R				
3H-6, 53-54	19.83	F	P				X										R			X					R		R		R				
3H-6, 63-64	19.93	R	P				X			X							R					X				R		X		R			
3H-6, 73-74	20.03	R	P				X			X							X												X		R		
3H-6, 83-84	20.13	F	M		X	X	R										R	R			X					R			X		R		
3H-6, 93-94	20.23	C	M		X		R			R					X	R	R	R		X				X		R			R				
3H-6, 103-104	20.33	A	M			X	F		X	R						R	F	F		X					F	X	X		R		F		
3H-6, 113-114	20.43	A	M		X	X	R			R				X	R	F	F	R			?				F	X				F			
3H-6, 123-124	20.53	C	M		X		R		X	R						F	R	F		X	?			X		F			R				
3H-7, 3-4	20.63	F	P		X		R			X	?						F	X								R			R				
3H-7, 13-14	20.73	F	P				R			R						X	R	X							X		X						
3H-7, 23-24	20.83	F	M	X			R			R	?						R	X			X				X		X			X			
3H-7, 33-34	20.93	C	M		X	X	R			R					X	X	F	X		R					R			X		R			
3H-7, 43-44	21.03	F	M				F			X						R	F	X		X					R			X		R			
3H-7, 53-54	21.13	F	P				X	R		X						X	R	X		X					R			X		R			
3H-7, 63-64	21.23	F	M			X	X			R	?				X		R			X					R		X	X		R			
3H-7, 73-74	21.33	R	P				X			X		X					R	X		X						R							

Table T3 (continued).

Core, section, interval (cm)	Depth (mbsf)	Abundance	Preservation	<i>Pleurosigma</i> spp.	<i>Podosira stelliger</i>	<i>Porosira denticulata</i>	<i>Pseudonitzschia</i> spp.	<i>Pseudosolenia calcar avis</i>	<i>Pyxidicula</i> spp. frags	<i>Raphoneis amphiceros</i>	<i>Rhizosolenia curvirostris</i>	<i>Rhizosolenia</i> spp.	<i>Roperia tessellata</i>	<i>Stellarima stellaris</i>	<i>Stephanopyxis turris</i>	<i>Stephanopyxis</i> spp.	<i>Surirella</i> spp.	<i>Thalassionema nitzschioides</i>	<i>Thalassiosira aguste-lineata</i>	<i>Thalassiosira convexa</i>	<i>Thalassiosira eccentrica</i>	<i>Thalassiosira cf. ferelineata</i>	<i>Thalassiosira leptopus</i>	<i>Thalassiosira lineata</i>	<i>Thalassiosira nordenskiöldii</i>	<i>Thalassiosira oestrupii</i>	<i>Thalassiosira pacifica</i>	<i>Thalassiosira plicata</i>	<i>Trachyneis</i> spp.	<i>Triceratium</i> spp.	<i>Spines/thrix/nema</i> (sm/st)	Sieved dom by E/C/N	abun. (Ethmo/Cosc-Az/None)		
172-1063D-																																			
3H-4, 103-104	17.33	A	G			X	X						R	X				A		R	F	R		R	R	F	X	X		X	D	N	A		
3H-4, 113-114	17.43	A	G										X	X				A		R	F	R	X	X	X	F	R	X		X	D	N	A		
3H-4, 123-124	17.53	C	M				X			X			X					C		R	F	R		X	X	F	R			A	N	A			
3H-4, 133-134	17.63	C	M							X			X					C		X	R	X		X		R				A	N	A			
3H-4, 143-144	17.73	C	M							X			X					F		R	R	X		X		F				C	E	A			
3H-5, 3-4	17.83	F	M		X								X					R		R	F	X	X	X	X	F				X	R	N	A		
3H-5, 13-14	17.93	C	M	X	X								X					F		R	R	X	X	X	X	F	X			C	N	A			
3H-5, 23-24	18.03	C	M										R					F		X	R	X		X	X	R	R			F	N	A			
3H-5, 33-34	18.13	F	M							X			R					F		X	R	X		X		X				F	E	A			
3H-5, 43-44	18.23	C	M				X						X		X			R	X	X	R	X		X		R	R			R	E	A			
3H-5, 53-54	18.33	C	M			X	X	X			X		X					R		R	R	X	X	X		R	X			X	R	C	A		
3H-5, 63-64	18.43	C	M			X	X	X					X					R		X	F	X	X			F	X			F	C	A			
3H-5, 73-74	18.53	C	M			X							X					R		X	F	X	X	X		F				F	E	A			
3H-5, 83-84	18.63	A	G			X		X		X			X	X		X		F	X	R	F	R	R	R	R	F	X	X		F	N	A			
3H-5, 93-94	18.73	C	M				X						X					R		X	F	X	R	X		F				F	E	A			
3H-5, 103-104	18.83	C	M					X					X					R	X	X	R	X		X		F				F	E	A			
3H-5, 113-114	18.93	F	P			X							X					X		R	R	X		R						F	C	A			
3H-5, 123-124	19.03	C	M										X					X		F	R	X		X	X					F	C	A			
3H-5, 133-134	19.13	C	M		X		X						R					X	R	R	F	R	X	R	X	R	X	X		R	E	A			
3H-5, 143-144	19.23	C	M					X					X					R	X	R	R	R	X	R	R					F	N	A			
3H-6, 3-4	19.33	C	M	X	X					X			R		X			C		R	X	R		X	X	X				F	E	A			
3H-6, 13-14	19.43	F	P										R		X			R		X	R	X		X						R	E	A			
3H-6, 23-24	19.53	F	P		X		X						X					R	X	X	R	X	X			R	X			X	N	A			
3H-6, 33-34	19.63	C	P	X									X					R	X	R	R	X	X	X	X	X	X	X		X	N	A			
3H-6, 43-44	19.73	F	P										X		X			X		X	R	X		X	X	X				X	N	F			
3H-6, 53-54	19.83	F	P										X					X			X				X		X			X	N	R			
3H-6, 63-64	19.93	R	P												X					X				X						X	N	R			
3H-6, 73-74	20.03	R	P	X											X					R	X								?	X	N	R			
3H-6, 83-84	20.13	F	M										R					R		R	R	X	X	X		X				R	N	F			
3H-6, 93-94	20.23	C	M										X					F		X	R	R		X	X	X				A	N	A			
3H-6, 103-104	20.33	A	M				X						F	X				C		X	F	R	X	X	X	X	F	X		D	N	A			
3H-6, 113-114	20.43	A	M			X	X						X					C		X	F	F		X	R	R				D	N	A			
3H-6, 123-124	20.53	C	M										X		X			F		X	F	X	X	X	F		X		X	D	N	A			
3H-7, 3-4	20.63	F	P										X		X						R		X	X	R	X				F	E	A			
3H-7, 13-14	20.73	F	P										X		X					X			X	X	X					F	E	A			
3H-7, 23-24	20.83	F	M			X							X		X			R	?	R	F			X	R					F	E	A			
3H-7, 33-34	20.93	C	M		X		X			X			X	X	X			R		X	F	X	X	X	F					F	E	A			
3H-7, 43-44	21.03	F	M										R				X		R	R	F	X		R	R					F	E	A			
3H-7, 53-54	21.13	F	P										X		X	X		X		X	R	X	X	X	X	R				F	E	A			
3H-7, 63-64	21.23	F	M		X								R					R		X	R	X	X	X				X		F	N	A			
3H-7, 73-74	21.33	R	P										X			X		X		X	R			X	X					R	N	A			