

Table T4. Biostratigraphic diatom data for Core 172-1063D-4H. (See table notes. Continued on next five pages.)

Core, section, interval (cm)	Depth (mbsf)	Diatom 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>Azpetitia africana</i>	<i>Azpetitia neocrenulata</i>	<i>Azpetitia 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.	<i>Coscinodiscus marginatus</i>	<i>Coscinodiscus nitidus</i>	<i>Coscinodiscus oculioides</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>Fragilariopsis doliolus</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Core, section, interval (cm)	Depth (mbsf)	Diatom	Abundance	Preservation	Grammatophora spp.	Hemiaulus hauckii	Hemidiscus cuneiformis	Navicula lyroides	Navicula spp.	Nitzschia panduriformis	Nitzschia sicula var. Nitzschia fossils	Nitzschia marina	Nitzschia reinholdii	Odontella aurita	Opephora spp.	Paralia sulcata	Pinnularia spp.	Plagiogramma spp.	Pleurosigma spp.	Podosira stelliger	Porosira denticulata	Pseudonitzschia spp.	Pseudosolenia calcar avis	Pyxidicula spp. frags	Raphoneis amphiceros	Rhizosolenia curvirostris	Rhizosolenia spp.	Roperia tessellata	Stellarima stellaris	Stephanopyxis turris	Stephanopyxis spp.	Surirella spp.	Thalassionema nitzschioides	Thalassiosira aguste-lineata	Thalassiosira convexa	Thalassiosira eccentrica	Thalassiosira cf. ferdineata	Thalassiosira leptopus	Thalassiosira lineata	Thalassiosira nordenskiöldii	Thalassiosira oestrupii	Thalassiosira pacifica	Thalassiosira plicata	Trachyneis spp.	Triceratium spp.	Spines/thrix/nema (sm/st)	Sieved dom by E/C/N	(Ethmol/Cosc-Az/None)
4H-3, 83-84	25.13	A	M							R	F			X	R				X						X				X	C		R	F	X	X	X	X	R	X			R						
4H-3, 93-94	25.23	A	M							R	F				R				X						X				X	F	F			F	F	F	X	X	R	F	X	?		C				
4H-3, 103-104	25.33	A	M			X				X	R				R				X	X									X	F	F	F		F	F	F	X	X	R	F	X	?		A				
4H-3, 113-114	25.43	A	M			R				X	R	F		X	R					X									X	C	F	F	F	F	X	X	R	F	R	?		A						
4H-3, 123-124	25.53	C	P			X				R	F				R		X								X		X		X	F	R	F	R	X	R									F				
4H-3, 133-134	25.63	A	P			X					R			X	R													X	F	X						X	R								F			
4H-3, 143-144	25.73	C	P								R	X																	F	R						X	R									R		
4H-4, 3-4	25.83	F	P							X	R					X													X	R						X	X										X	
4H-4, 13-14	25.93	F	P								R					X													X									X								X		
4H-4, 23-24	26.03	C	M			X					R					X		X							X				X	R					F				X	X	R					X		
4H-4, 33-34	26.13	A	G							X	R	F		X	F										X			R	X	R					C	R	X	X	R	R	F	X			D			
4H-4, 43-44	26.23	A	G							X	R	F	R	X	F													R	R	R					R	C	R	X	R	F	F	X	X			D		
4H-4, 53-54	26.33	A	G			X				X	R	F	R	R	F										X		X	R	R	R					R	C	R	X	R	F	F	X	X			D		
4H-4, 63-64	26.43	A	G								F	F		R	F										X			X	R						R	C	R	X	R		F	F	X	X			D	
4H-4, 73-74	26.53	A	G								F	F			F							X				X	X		X	R					R	C	R	X	X		F	R			D			
4H-4, 83-84	26.63	A	M			X					F	F			F							X	X		X			F	X						R	F		X		F	R			D				
4H-4, 93-94	26.73	F	P			X				X	R			X	R		X			X															F	R	R	?		F	R			F				
4H-4, 103-104	26.83	R	P								X				X																				R									X				
4H-4, 113-114	26.93	F	P			X					R				R															R							R									R		
4H-4, 123-124	27.03	F	P							X	X	R	X	X	R			X										X	F	X					X	R	X	X	X	R						R		
4H-4, 133-134	27.13	F	P							X	X	R	X	X	F															F	X					R										F		
4H-4, 143-144	27.23	A	M							X	R	F		X	F							X								F						R	F								D			
4H-5, 3-4	27.33	A	G							X	R	F			F							X					X	X	R	R						R	F		X	R					D			
4H-5, 13-14	27.43	F	P			X					R	R			R		X												R	R						X	R	X		X					F			
4H-5, 23-24	27.53	R	P								R			X	R												X	X		X							X	X							R			
4H-5, 33-34	27.63	F	M			R	X				F				F					X	X					X			X							R	X	X		X				X				
4H-5, 43-44	27.73	F	P			X				X	?	R			R														R	R							R								X			
4H-5, 53-54	27.83	R	P												R																														X			
4H-5, 63-64	27.93	R	P												X																														X			
4H-5, 73-74	28.03	X	F																																											X		
4H-5, 83-84	28.13	R	P													X		X																											X			
4H-5, 93-94	28.23	R	P									X			R					X						X		X								X	X							X				
4H-5, 103-104	28.33	R	P												R																														X			
4H-5, 113-114	28.43	F	P									R			R															X																R		
4H-5, 123-124	28.53	C	M			X				X	R				F															F							R	R			X	X			A			
4H-5, 133-134	28.63	C	M							R	R				F				X											F							R	R			X	X	R		A			
4H-5, 143-144	28.73	C	M							F	F			X																R								X	X	F					D			
4H-6, 3-4	28.83	A	M					X		R	F	X			F					X					X		X		X								R	R	R						A	C	C	
4H-6, 13-14	28.93	A	M			X	X			R	F	X			F				X										R	X							X	R	X	F	R				A	N		

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