

**Table T1.** Biostratigraphic diatom data for Core 172-1063D-1H. (Continued on next page.)

Core, section, interval (cm)	Depth (mbfsf)	Abundance	Preservation	<i>Actinocyclus curvatus</i>	<i>Actinocyclus ellipticus</i> var. <i>elongatus</i>	<i>Actinocyclus ingens</i>	<i>Actinocyclus octonarius</i>	<i>Actinocyclus octonarius</i> var. <i>temiella</i>	<i>Actiropitychus senarius</i>	<i>Amphora cf. 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>Azpeitia africana</i>	<i>Azpeitia neocrenulata</i>	<i>Azpeitia nodulifer</i>	<i>Bacteriastrum 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 oculusiridus</i>	<i>Coscinodiscus radiatus</i>	<i>Coscinodiscus reniformis</i>	<i>Cymatosira lorenziana</i>	<i>Delphineis surirella</i>	<i>Denticulopsis</i> spp.	<i>Diploneis bombyx</i>	<i>Diploneis crabro</i>	<i>Diploneis subovalis</i>	<i>Diploneis</i> spp.	<i>Ditylum brightwellii</i>	<i>Ethmodiscus rex</i> frags.	<i>Fragilariopsis dololus</i>
172-1063D-																																														
1H-1, 3-4	0.03	F	M	X																																										
1H-1, 13-14	0.13	F	P																																											
1H-1, 23-24	0.23	F	P	X																																										
1H-1, 33-34	0.33	R	P																																											
1H-1, 43-44	0.43	X	P																																											
1H-1, 53-54	0.53	X	F																																											
1H-1, 63-64	0.63	X	F																																											
1H-1, 73-74	0.73	B																																												
1H-1, 83-84	0.83	X	F																																											
1H-1, 93-94	0.93	X	F																																											
1H-1, 103-104	1.03	B																																												
1H-1, 113-114	1.13	X	F																																											
1H-1, 123-124	1.23	B																																												
1H-1, 133-134	1.33	X	F																																											
1H-1, 143-144	1.43	X	F																																											
1H-2, 3-4	1.53	R	F																																											
1H-2, 13-14	1.63	X	F																																											
1H-2, 23-24	1.73	A	M	X																																										
1H-2, 33-34	1.83	A	M	R																																										
1H-2, 43-44	1.93	F	P	R																																										
1H-2, 53-54	2.03	C	P																																											

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

**Table T1 (continued).**

Core, section, interval (cm)	Depth (mbsf)	Abundance	Preservation	Grammatophora spp.	Hemiaulus hauckii	Hemidiscus cuneiformis	Navicula lyraoides	Navicula spp.	Nitzschia panduriformis	Nitzschia sicula var.	Nitzschia fossilis	Nitzschia marina	Nitzschia reinholdii	Odontella aurita	Opephora spp.	Paralia sulcata	Pinnularia spp.	Plagiogramma spp.	Pleurosigma spp.	Podosira stelliger	Porosira denticulata	Pseudonitzschia spp.	Pseudosolenia calcaravis	Pyxidicula spp. frags	Raphoneis amphiceros	Rhizosolenia curvirostris	Rhizosolenia spp.	Roperia tesselata	Stellaria stellaris	Stephanopyxis turris	Stephanopyxis spp.	Suriella spp.	Thalassionema nitzschioides	Thalassiosira agusti-lineata	Thalassiosira convexa	Thalassiosira eccentrica	Thalassiosira cf. ferlineata	Thalassiosira leptopus	Thalassiosira lineata	Thalassiosira nordenskiöldii	Thalassiosira oestrupii	Thalassiosira pacifica	Thalassiosira placcata	Trachyneis spp.	Triceratium spp.
172-1063D-																																													
1H-1, 3-4	0.03	F	M					X X																																					
1H-1, 13-14	0.13	F	P																																										
1H-1, 23-24	0.23	F	M																																										
1H-1, 33-34	0.33	R	P																																										
1H-1, 43-44	0.43	X	P																																										
1H-1, 53-54	0.53	X	F																																										
1H-1, 63-64	0.63	X	F																																										
1H-1, 73-74	0.73	B																																											
1H-1, 83-84	0.83	X	F																																										
1H-1, 93-94	0.93	X	F																																										
1H-1, 103-104	1.03	B																																											
1H-1, 113-114	1.13	X	F																																										
1H-1, 123-124	1.23	B																																											
1H-1, 133-134	1.33	X	F																																										
1H-1, 143-144	1.43	X	F																																										
1H-2, 3-4	1.53	R	F																																										
1H-2, 13-14	1.63	X	F																																										
1H-2, 23-24	1.73	A	M																																										
1H-2, 33-34	1.83	A	M																																										
1H-2, 43-44	1.93	F	P					X																																					
1H-2, 53-54	2.03	C	P					X																																					