Table T8. Diatom range chart, Hole U1345A. (See table notes.)

Core, section	Depth (mbsf) Top	Depth (mbsf) Bottom	Abundance	Preservation	*Actinocyclus curvatulus*	*Actinocyclus ochotensis*	*Actinoptychus senarius*	*Asteromphalus robustus*	*Bacterosira fragilis*	*Chaetoceros furcellatum* spores	*Coscinodiscus marginatus*	*Coscinodiscus oculus-iridis*	*Cymbella* spp.	*Delphineis kippae*	*Delphineis surirella*	*Detonula confervacea*	*Diploneis* spp.	*Eunotia* spp.	*Fragilariopsis cylindrus*	*Fragilariopsis oceanica*	*Fragilariopsis* spp.	*Gomphonema* spp.	*Navicula distans*	*Navicula* spp.	*Neodenticula seminae*	*Nitzschia* spp.	*Odontella aurita*	*Paralia sol*	*Paralia sulcata*	*Pinnularia* spp.	*Porosira glacialis*	*Proboscia barboi*	*Proboscia curvirostris*	*Rhabdonema japonicum*	*Rhabdonema* spp.	*Rhizosolenia hebetata* f. *hebetata*	*Rhizosolenia hebetata* f. *hiemalis*	*Rhizosolenia hebetata* f. *semispina*	*Rhizosolenia* spp.	*Stephanopyxis* spp.	*Stephanopyxis turris*	*Stephanopyxis zabelinae*	*Tetracyclus* spp.	*Thalassionema nitzschioides*	*Thalassiosira antarctica* spores	*Thalassiosira eccentrica*	*Thalassiosira gravida*	*Thalassiosira hyalina*	*Thalassiosira jouseae*	*Thalassiosira lacustris*	*Thalassiosira latimarginata* s.l.	*Thalassiosira nordenskioeldii*	*Thalassiosira oestrupii*	*Thalassiosira* spp.	*Thalassiothrix longissima*	Diatom zone (NPD) in Yanagisawa and Akiba (1998)
323-U1345A-																																																													
1H-CC	4.25	4.39	A	G	F				C	C		R			C				C	C	F				C	C	R				F							R			R			F	C	R		C		C	F		F	C			
2H-CC	13.98	14.09	C	G	C		F		F	F					F		R			R	R		R	R	C	R	R	R	C	F							R		R						A			R			C	R	F	R			
3H-CC	23.61	23.92	C	G					A	C					F				R	R	F			R	R	F			F	R															A			C			R	R	F				*Neodenticula seminae* (NPD12)
4H-CC	33.2	33.44	F	M-G	F		R		C								R	R					R		C	F		R								R	F		R	R				R	A			R			C					R	
5H-CC	42.51	42.95	C	G	C				F				R			R				C					C	C			R	R	R													F	C		F	F			A			R	R	
6H-CC	51.1	51.61	C	G	F				R						R	R	R												A																D						C					
7H-CC	61.33	61.84	C	M	C				C		C		R			R	R			C					C				F		R						R	F		C		R				A		R	R			C			C		
8H-CC	70.66	71.11	F	M	F				C	F							R			C	R				R	C	F	F	F	F		F	F			F	R	R			R			F	A				R	R	C		R		R	
9H-CC	80.14	80.64	R	M	F				R											R					R			F	A			R	F								R			R	A						C			R	F	
10H-CC	87.98	88.36	C	M-G	R				C											F		R			C	R			R	R	F		R			R				R				C	A		C	C	C		F	F		F	R	
11H-CC	98.1	98.49	C	M-G	C				F						R			R	R	C			F			R			C				R			R			R		F		R	F	A		R	F	F		C			R		
12H-CC	108.16	108.53	C	M-G	C				R						R					C					C			R	F				R	R										F	D		F				C				R	*Proboscia curvirostris* (NPD11)
13H-CC	118.62	118.98	A	G	C			R	C		F				F	R			C	C					F	C	F	F	C		F				R				R	R	R			F	F				F		C	R		R	R	
14H-CC	127.67	128.12	F	M-G	R	R			R					R	R				R	C					C	C	R		C								F					R		R	A				F		C		R	R	F	
15H-CC	137.76	138.09	F	M	F	R			C	C				F				R	F	F	R			R	R	F	R	F	A	R							R							F	C				C		R			F	R	
16H-CC	146.99	147.43	F	M	F		R		C	R	F				F		R			F					C	F		R	A	R								R						C	C						C				R	

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