Table T9. Diatom range chart, Hole U1345C. (See table notes.)

Core, section	Depth (mbsf) Top	Depth (mbsf) Bottom	Abundance	Preservation	*Actinocyclus curvatulus*	*Actinocyclus ochotensis*	*Actinoptychus senarius*	*Asteromphalus brookei*	*Aulacoseira* spp.	*Bacterosira fragilis*	*Chaetoceros furcellatum* spores	*Coscinodiscus marginatus*	*Coscinodiscus oculus-iridis*	*Cyclotella* spp.	*Cymbella* spp.	*Delphineis kippae*	*Delphineis surirella*	*Detonula confervacea*	*Diploneis* spp.	*Eunotia* spp.	*Fragilaria* spp.	*Fragilariopsis cylindrus*	*Fragilariopsis oceanica*	*Fragilariopsis* spp.	*Gomphonema* spp.	*Meridion* spp.	*Navicula* spp.	*Neodenticula seminae*	*Nitzschia* spp.	*Odontella aurita*	*Paralia sol*	*Paralia sulcata*	*Pinnularia* spp.	*Porosira glacialis*	*Proboscia barboi*	*Proboscia curvirostris*	*Rhizosolenia hebetata* f. *hebetata*	*Rhizosolenia hebetata* f. *hiemalis*	*Rhizosolenia hebetata* f. *semispina*	*Rhizosolenia* spp.	*Thalassionema nitzschioides*	*Thalassiosira antarctica* spores	*Thalassiosira* cf. *leptopus*	*Thalassiosira eccentrica*	*Thalassiosira gravida*	*Thalassiosira hyalina*	*Thalassiosira jouseae*	*Thalassiosira latimarginata* s.l.	*Thalassiosira leptopus*	*Thalassiosira nordenskioeldii*	*Thalassiosira oestrupii*	*Thalassiosira* spp.	*Thalassiothrix longissima*	Diatom zone (NPD) in Yanagisawa and Akiba (1998)
323-U1345C-																																																						
1H-CC	5.86	5.96	C	G						C	C		R		R	R	F	R				R	C					F	C	R			C			C				R	C	R		A	R		R			R		F				
2H-CC	15.59	15.82	F	M-G	F		F			F	F						F						F	R				F	F		F	A					F									C	R		R	R				
3H-CC	25.38	25.66	F	M-G	C					C	C		R				F		R		R		F				F	F	R	C	C	F							A					F		C	F		F				
4H-CC	34.77	35.14	C	M-G	C					C			F				C					F	F				R	R	F		A	C							R	C				R		C	F		R				
5H-CC	43.62	44.04	C	M	C					F	F				R												R	C	R	R			R	F		C		R		R	A					A			F	R				
6H-CC	53.47	53.87	C	M	C					F													F						R		A	F				F										F								
7H-CC	62.54	63.21	C	M						C						F								F				F	C		A														F				F	R			
8H-CC	72.13	72.6	C	M-G	C		R			C	C	F	R					R										F	F	R	F	C		R	R	C	F		F				F		F	C			F	R			
9H-CC	81.73	82.14	C	M-G	C					C	F											F	C	C		R		C	F	F						F			F		F	A			F		C	F	F	F	R			
10H-CC	91.53	91.91	C	M-G						F				R									R					R	F		R								R		C		R			R								
11H-CC	101.23	101.33	C	M-G	C					R	R				R		F							C				F	C	R	C	C	R				R		R		F	A				F	F						
12H-CC	110.73	111.08	F	M	R				R	C		F	F	F	F			R		F	C	R	R		F			F	F	R	F	C	F	R	R	C	R		R	A				R	F	F	F	R	F			R	
13H-CC	118.77	119.16	F	M	F					F	C	R				F	R					R	C		F		R	F	C	R	F	F	R	R					C	A		R	F			F		R				
14H-CC	129.52	129.85	F	M	A	R		R		A	R						R			F		R	F					F	C	R		C				F				F	C			R		R	F	F		F			
15H-CC	139.46	140.05	C	M	C	R				C	R					F		R					F						C	C		C	F			F			R		A				R	F	F		F	F			

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