Site U1391, Table T6. Abundance of planktonic foraminifers, Site U1391.

Core, section, interval (cm)	Depth (mbsf) Top	Depth (mbsf) Bottom	Pteropod abundance	Planktonic foraminifer abundance	Planktonic foraminifer preservation	*Beella digitata*	*Globigerina apertura*	*Globigerina bulloides*	*Globigerina calida*	*Globigerina decoraperta*	*Globigerina falconensis*	*Globigerinella siphonifera*	*Globigerinita glutinata*	*Globigerinoides conglobatus*	*Globigerinoides extremus*	*Globigerinoides ruber* (pink)	*Globigerinoides ruber* (white)	*Globigerinoides sacculifer*	*Globigerinoides trilobus*	*Globoratalia* cf. *crassula*	*Globoratalia crassaformis* s.l. (dex)	*Globoratalia crassaformis* s.l. (sin)	*Globoratalia hirsuta* (dex)	*Globoratalia hirsuta* (sin)	*Globoratalia inflata*	*Globoratalia menardii* (dex)	*Globoratalia menardii* (sin)	*Globoratalia miocenica*	*Globoratalia puncticulata*	*Globoratalia scitula* (dex)	*Globoratalia scitula* (sin)	*Globoratalia truncatulinoides* (dex)	*Globoratalia truncatulinoides* (sin)	*Globoturborotalita rubescens*	*Globoturborotalita tenella*	*Neogloboquadrina atlantica* (dex)	*Neogloboquadrina atlantica* (sin)	*Neogloboquadrina dutertrei*	*Neogloboquadrina pachyderma* (dex)	*Neogloboquadrina pachyderma* (sin)	*Orbulina universa*	*Pulleniatina obliquiloculata*	*Sphaeroidinella dehiscens*	*Sphaeroidinellopsis seminulina*	*Turborotalita iota*	*Turborotalita quinqueloba*	Comments
339-U1391A-																																													
1H-CC	4.11	4.16	B	D	G			D				P					P							R					R		P					F	F	P				A	Could be Heinrich Event 1
2H-CC	13.80	13.85	B	D	G			D				R												F					F		P	P				F	P	R				R	
3H-CC	23.27	23.32	B	D	G			A	R			P	P				R						P	A					P		P	R				P	F	P				P	
4H-CC	32.92	32.97	B	D	G			D			P	P	P				P						P	A					P		R	P	P			P	F	P	P			P	
5H-CC	42.32	42.37	B	D	G			D					P				P				P	P		F					P		P	P				P	D	P	P			R	*G. crassaformis* (dex) (90%); *G. truncatulinoides* (dex) (50%)
6H-CC	52.13	52.18	B	D	G			A			R	P		P			R						P	F					P		R	P	P	P	P	P	A	P	R			R	*G. truncatulinoides* (dex) (90%)
7H-CC	61.66	61.71	B	D	G			A			P	R		P		P	F						P	A							R	P		P	P	R			P			P	*G. truncatulinoides* (dex) (90%)
8H-CC	71.13	71.18	B	D	G			F	P		P	P	P				F						P	F					P		R	P				D	P	R				R	Shell debris
9H-CC	80.72	80.77	B	D	G			A	R			R	P				R				P		P	F					P		P	R		P		A		P				P	
10H-CC	90.09	90.17	B	B	G			A				P	P				R				P		P	A					P		P	P	P	P		A		R				R	
11H-CC	99.47	99.52	B	D	G			R			P	R	P				P				P		P	R					P		P	P				D	P	R				F	
12H-CC	109.12	109.17	B	D	G			A				R	P				R		P		P		P	A					P	P	P		P	P		F		P			P	R	
13H-CC	118.95	119.00	B	D	G			F				R	R				R	P					P	A					P		R		P	P		A	P	P				R	
14H-CC	128.14	128.19	B	D	G			A			P	P	R				R						P	A					P		R		P	P		D		R				R	
15H-CC	136.93	136.98	B	D	G			A			F		R				P					P		F										P		R		R				F	
16H-CC	147.98	148.03	B	A	M			F				P	P				P						P	F					P		R					F	P					D	
17H-CC	156.53	156.60	B	D	G			A			P	P	R				P				P	P	P	F					P		P					A		P				R	*G. crassaformis* (dex) (25%); *G. truncatulinoides* (dex) (100%)
18H-CC	167.17	167.22	B	D	G			A			P	R	R				R					P		F					P		P			P		R	F	R				P	
19H-4	171.05	171.10	B	D	G			F					R											F					P							F	A					F	
20X-CC	179.82	179.87	B	D	G			P					R											P					P							A	A	P				P	
21X-CC	189.22	189.27	B	D	G			A					R				R					P		F					R		F					F		R				P	
22X-CC	199.35	199.40	B	D	G			D	P			P	P				R							F					R		F	P				F	R	R				R	
23X-CC	208.42	208.47	B	D	G			A				P	P				P							F					F	P	R					A	P	R				F	
25X-CC	227.41	227.46	B	D	G			A				P	P											P					R							R	D	P				F	
26X-CC	238.62	238.67	B	D	G			A					P				R							F					R		R					A	P	R				P	
27X-CC	246.53	246.58	B	D	G	P		R				P	P				P						P	P					P							A	A	P				P	
28X-CC	256.92	256.97	B	D	G	P		A				P	R											P					P							A	P	P				R	
29X-CC	265.45	265.50	B	D	G			A					R				P						P	R					R		R	R				F	R	F				R	Radiolarians, siliceous sponge spicules, *G. truncatulinoides* (dex) (50%)
30X-CC	276.47	276.52	B	D	G			R					R	P			F					P	P	P					P		P					A		P				P	Siliceous sponge spicules
31X-CC	283.70	283.75	B	D	G			A					P											R					R		P					P	D	R				P	
32X-CC	296.20	296.25	B	D	G			R					B											P					P							B	D	P				F	
33X-CC	302.65	302.70	B	D	G			F									P							P					P								D	P				F	
34X-CC	314.51	314.56	B	D	G			A					P				P						P	F							R			P		A	R	P				P	
35X-CC	324.39	324.44	B	D	G			F				P	P				P						P	P					P							F	D	P				R	
36X-CC	334.05	334.10	B	D	G			A			P	P	P				R						P	F					P		P					R		F				F	
37X-CC	343.20	343.25	B	D	G			F				P	P				P						P	A					P	P		R				A		R				R	
38X-CC	353.46	353.51	B	D	G			F			P		P				R						R	P							R	P				D		R				P	
339-U1391B-																																												
1H-CC	9.61	9.66	B	D	G	P		A	P		P		R				P							A					R	P	P				P	A		P				R	
2H-CC	19.49	19.54	B	D	M			A	R		P	R	R				F							F					R		P				P	A		P				F	
3H-CC	28.82	28.89	B	D	G			A	P				P	P			R						P	F					R	P	R	P				A		P					
4H-CC	38.53	38.58	B	A	G			D					R				P					P		R					P		R					F	P	R					
5H-CC	47.84	47.89	B	D	G	P		F					P				P						P	F					R		R					D		R				R	
6H-CC	57.50	57.55	B	D	G	P		D	P			P	R			P	F		P			P		F					P		P	R		P		R		F				R	
7H-CC	67.02	67.07	B	D	G			A					P											P					R	P	P					D	P	R				F	
8H-CC	76.89	76.94	B	D	G			A																R												A	R	R				A	
9H-CC	86.19	86.24	B	D	G			A					P	P			P							R					R		P	P				F	P	R				A	
10H-CC	95.61	95.66	B	D	G			A																A					P	P						A	P	R				F	
11H-CC	104.93	104.98	B	D	G			A			R		P	P			P						P	R					P		P	R	P			A		R				R	
12H-CC	114.89	114.94	B	D	G			F					P			P	F					P		F					P		F					A		P				R	
13H-CC	123.70	123.75	B	D	G			R					P	R			F					P		R					P		R			P		D		R				R	
14H-CC	133.70	133.75	B	D	G			A	P			P	P											P					P							A	A					F	
15H-CC	143.38	143.43	B	D	G			D	P		P	P	P				R						P	R					P		R					A		P				P	
16H-CC	152.10	152.15	B	D	G			A				P	R				R						P	R					P	P	R		P			F		R	P			P	
17H-CC	159.35	159.40	B	D	G			A			R		P											R					F		R	P				A	R	R				A	
18H-CC	170.88	170.93	B	D	G			R			R		P											P					P							R	D	R				R	
19X-CC	175.65	175.70	B	A	G			F			R	P	R				P							F					R		R					A	A	R				F	
20X-CC	184.46	184.51	B	A	G			A			P	P	R											R					P		P					R	F	P				A	
21X-CC	193.78	193.83	B	D	G			F			P		R											R					P							P	D	P				F	
22X-6	203.07	203.12	B	D	G			A			R		R											R					R		P					R		R				P	
23X-CC	213.38	213.43	B	D	G			R					P											P					P							R	D					R	
24X-CC	223.23	223.28	B	D	G			F			P	P	P											P					P	P		P				R	D	P				F	
25X-CC	231.16	231.21	B	D	G			A			R	R	P											F					R	P	R	P				R	P	R				R	
26X-CC	240.48	240.53	B	D	G			F	P		R	P	P											A					P		P	P	P			A	P	P				P	
27X-CC	250.08	250.13	B	D	G			F			P	P	P											A					P		R			P		F		R	P			F	
28X-CC	259.65	259.70	B	A	G			A			P	P	P											P							P					F	P	F				F	
29X-CC	271.00	271.05	B	A	G			A			P	P	P											R					P		R		P			A	F	R				P	
30X-CC	280.94	280.99	R	A	G			A			P	R	P											F							R		P			A	P	F					
31X-CC	289.82	289.87	B	D	G			R			P	P	P						P		P	P		A							P	R				A		P	P				
32X-CC	298.58	298.63	B	D	G			A			R	F	R								P	P		A					P				R			A	P	P				R	
33X-CC	308.74	308.79	B	D	G			A	P			R	P											A					P		R	P	P	P		A	P	P				R	
34X-CC	318.85	318.90	B	D	G			F			P	P	P	P										R					P	P	F			P		A	P	P	P			P	
35X-CC	328.69	328.74	B	D	G			A			R	P	P											A					R							A		R				P	
36X-CC	338.40	338.45	B	D	G						R	P	P	P			A		P				P	A							R	P	P		P	F		R	P			P	*G. truncatulinoides* (sin) (20%)
37X-CC	347.66	347.71	B	D	G			F				P					F		P			P	P	P					P	P	P	R				A		R	D				*G. truncatulinoides* (sin) (90%), presence of radiolarians and siliceous sponge spicules
38X-CC	354.47	354.52	B	D	G			A			P	P	P				P						P	A							P					R		R				R	Few *G. truncatulinoides* (dex)
339-U1391C-																																												
2R-CC	345.00	345.05	B	D	G			A				P	R				R					P	P	P					P		R	P				D		F					
3R-CC	354.48	354.53	B	D	G			A				P	R				B						P	R					P							A	P	P				A	
4R-CC	357.91	357.98	B	F	G			A					P				F							R					P		R	P				A		F				P	
5R-CC	374.48	374.53	B	D	G			A				P	R				R					P	P	F					P		P	P		P		A	P	F				P	*G. truncatulinoides* (sin) (10%), *G. crassaformis* (sin) (10%)
6R-CC	377.32	377.37	B	D	G			A					R	P			R							A					P		R			R		A	P	F				P	
7R-CC	391.44	391.49	B	D	G			A				P	R	P			F					P		F							P			R		A		F	F				
8R-CC	399.87	399.92	B	D	G			F			R	R	R				F	P	P					F					P					R		F		A					
9R-CC	412.09	412.14	B	D	G			F				P	P				R					R		F										R	P	A	R	F					
10R-CC	419.55	419.60	B	D	G			A				P	P	P			R			P		R		A										R	P	F	P	F					
11R-CC	431.10	431.15	B	D	G			A				P	P				P							F					P								R	A	R				R	
12R-CC	441.60	441.65	B	D	G			A					P				R						R	A									P		R		A	F	R				F	
13R-CC	451.12	451.17	B	D	G			A									R						P	A					P		P				P		F	F	R					
14R-CC	460.79	460.84	B	D	G			F				P	P				F	R	R					F					P						P			F	P					
15R-CC	470.31	470.36	B	D	G			F					R				R					R	P	F					P						R		A	P	R				P	
16R-CC	478.47	478.52	B	D	M		R	D				P	R				R						F	P					P							A		R		P			
17R-CC	484.74	484.79	B	D	G			A					R				R						P	F					P		P	P		P		F		F				R	
18R-CC	498.66	498.75	B	D	G			A				P	R									F	P	A												A		F				P	
19R-7	507.90	507.95	B	D	G		R	D					R	P			F							P												A		F				P	
20R-CC	511.47	511.52	B	D	G		R	A				P	A				R							P									P			A		F				P	
21R-CC	526.96	527.01	B	D	G		P	F				P	F				F							P									B			A		F	R	P		P	
22R-CC	537.17	537.22	B	D	G		P	D					R				R					P	P	P						P					F		R				R	
23R-CC	546.89	546.94	B	D	G		R	D			P		A				R						P	F						P	B					F		F				P	
24R-CC	556.57	556.62	B	D	M			A			P		R											P								P			F		F		R				P	
25R-CC	566.05	566.10	B	D	M			F			P	P	F				R							P					R	P			P				D		R				P	
27R-CC	584.14	584.19	B	D	G			A		P		P	P				R	R	R					R					R				P				A		R				P	*Globorotalia bononiensis* morphotype
28R-CC	594.80	594.85	B	A	M			A				P					R	R	R					R					A	P			P	P			R		R					
30R-CC	613.94	613.97	B	A	G		P	A			P	P	P				R	P	P			P	P	R					A							R		R					
31R-CC	623.39	623.45	B	D	G		F	A				P	F				R		P			P	P	R					A	P						R		R					
32R-1, 79–81	624.19	624.21	B	A	G		A	R				R	F				R		R			P		R					A	P						R		F					
32R-3, 76–78	627.15	627.17	B	A	M		F	R					A				F		F			P	P	F					F	P						F		R					
32R-6, 149–151	632.38	632.40	B	A	G		A	R					A	P			R		R			R	R	F					F							F		R					
32R-CC,	633.29	633.34	B	A	M		P	A					A						P			R		R					R	P						R	P	F				R	
33R-1, 31–33	633.31	633.33	B	D	G		F					P	A	P					F			P	F	F					F	P						F		F					
33R-3, 53–55	636.53	636.55	B	D	G		F	F				P	F				R	P	F			F		A					A							A		F				F	
33R-5, 32–34	639.33	639.35	B	D	G		F	R					A				P		F			F		R	P				F							F		F					
33R-6	641.55	641.60	B	D	G		R	F				P	A	P			F		R			A		P	P				F							F		F	P	P			
34R-CC	652.03	652.11	B	A	G		R	A				P	A	P			P		R	A				F	P				R	P						F		P					
36R-CC	670.93	670.98	B	A	G		A	A					A				R		R				R		P				F							F		F		P			

Abundance: D = dominant, A = abundant, C = common, F = few, P = present, R = rare, B = barren. Preservation: G = good, M = moderate. sin = sinistral, dex = dextral. See "Biostratigraphy" in the "Methods" chapter (Expedition 339 Scientists, 2013b) for abundance and preservation definitions.