Figure 6. Diatom zonation and magnetic polarity stratigraphy of upper Miocene to Pleistocene sediments in Hole 747A. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 4.

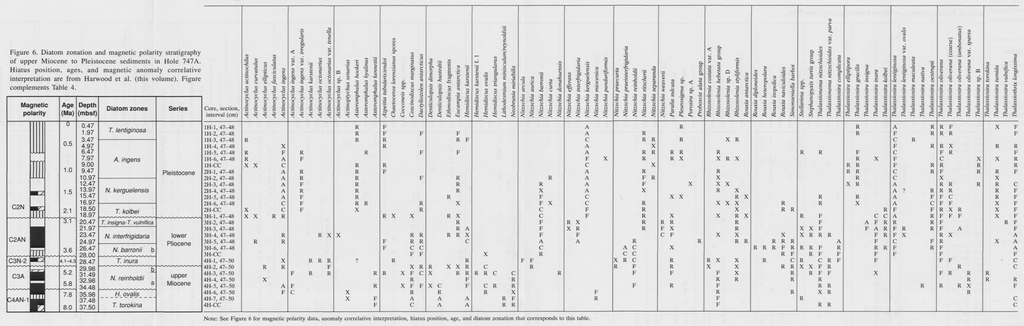

Table 4. Upper Miocene-Pleistocene diatom biostratigraphy, Hole 747A.

Note: See Figure 6 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that corresponds to this table.

Figure 7. Diatom zonation and magnetic polarity stratigraphy of upper Neogene sediments in Hole 747B. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 5.

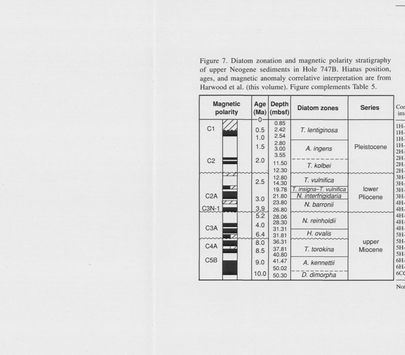

Table 5. Neogene diatom biostratigraphy, Hole 747B.

Note: See Figure 7 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that correspond to this table.

Figure 8. Diatom zonation and magnetic polarity stratigraphy of Miocene sediments in Hole 747A. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 6.

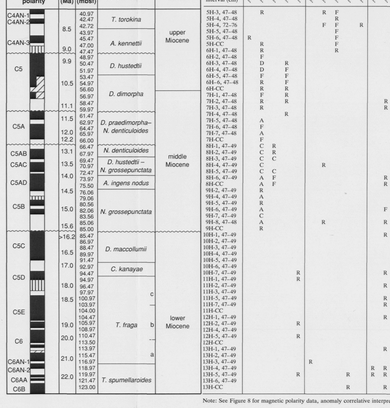

Table 6. Miocene diatom biostratigraphy, Hole 747A.

Note: See Figure 8 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that corresponds to this table.

Figure 9. Diatom zonation and magnetic polarity stratigraphy of upper Oligocene sediments in Hole 747A. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 7.

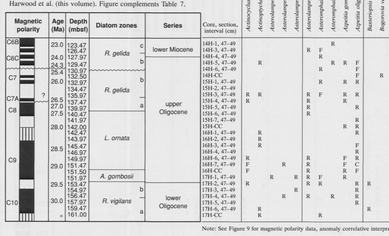

Table 7. Oligocene diatom biostratigraphy, Hole 747A.

Note: See Figure 9 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that corresponds to this table.

Figure 10. Diatom zonation and magnetic polarity stratigraphy of Pliocene-Pleistocene sediments in Hole 748B. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 8.

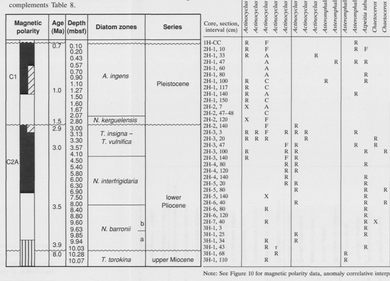

Table 8. Pliocene-Pleistocene diatom biostratigraphy, Hole 748B.

Note: See Figure 10 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that corresponds to this table.

Figure 11. Diatom zonation and magnetic polarity stratigraphy of Miocene sediments in Hole 748B. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 9.

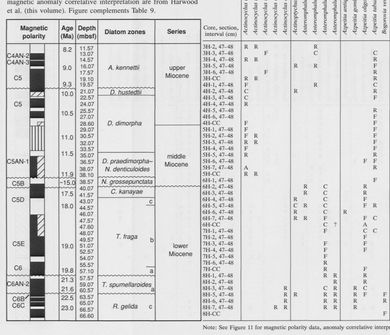

Table 9. Miocene diatom biostratigraphy, Hole 748B.

Note: See Figure 11 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that corresponds to this table.

Figure 12. Diatom zonation and magnetic polarity stratigraphy of Eocene-Oligocene sediments in Hole 748B. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 10.

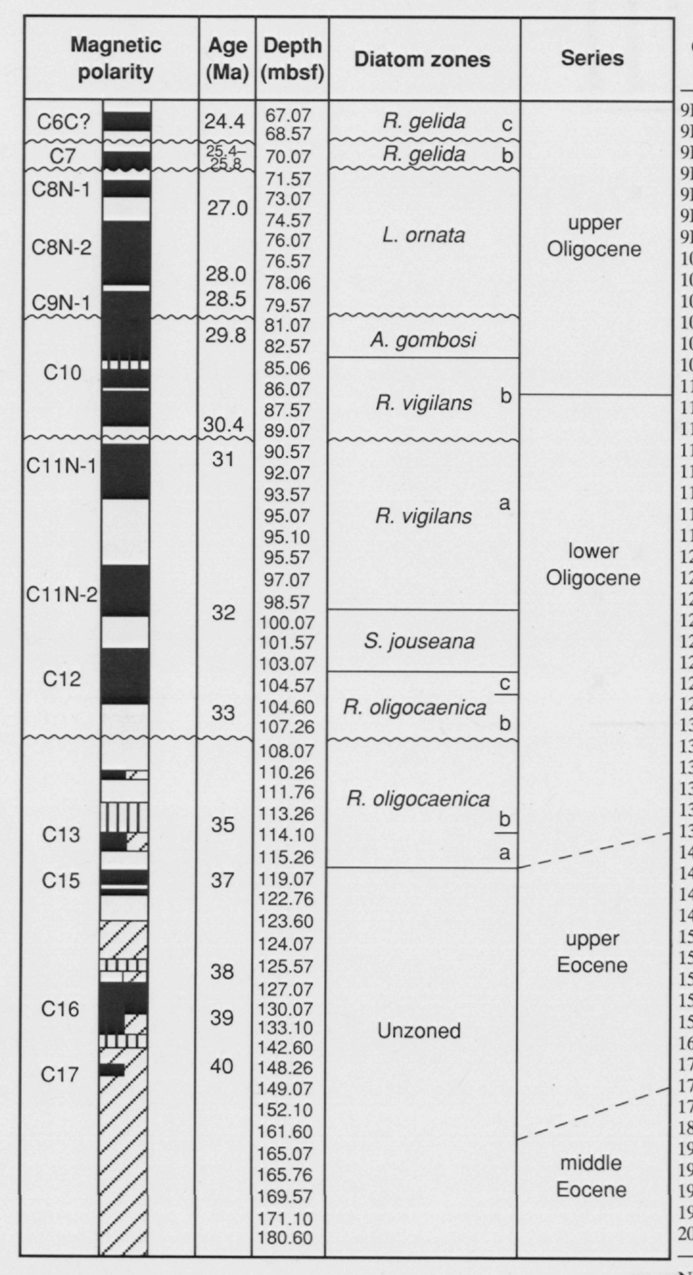

Table 10. Eocene-Oligocene diatom biostratigraphy, Hole 748B.

Core, section, interval (cm)	Species occurrences
9H-1, 47–48	[illegible]
9H-2, 47–48	[illegible]
9H-3, 47–48	[illegible]
9H-4, 47–48	[illegible]
9H-5, 47–48	[illegible]
9H-6, 47–48	[illegible]
9H-7, 47–48	[illegible]
10H-1, 47–49	[illegible]
10H-2, 47–48	[illegible]
10H-3, 47–49	[illegible]
10H-4, 47–49	[illegible]
10H-5, 47–49	[illegible]
10H-CC	[illegible]
11H-1, 47–49	[illegible]
11H-2, 47–49	[illegible]
11H-3, 47–49	[illegible]
11H-4, 47–49	[illegible]
11H-5, 47–49	[illegible]
11H-6, 47–49	[illegible]
11H-7, 47–49	[illegible]
11H-CC	[illegible]
12H-1, 47–49	[illegible]
12H-2, 47–49	[illegible]
12H-3, 47–49	[illegible]
12H-4, 47–49	[illegible]
12H-5, 47–49	[illegible]
12H-6, 47–49	[illegible]
12H-7, 47–49	[illegible]
12H-CC	[illegible]
13H-2, 116–118	[illegible]
13H-3, 47–49	[illegible]
13H-4, 116–118	[illegible]
13H-5, 116–118	[illegible]
13H-6, 116–118	[illegible]
13H-CC	[illegible]
14H-1, 52–54	[illegible]
14H-4, 47–49	[illegible]
14H-6, 116–118	[illegible]
14H-CC	[illegible]
15H-1, 47–49	[illegible]
15H-2, 47–49	[illegible]
15H-3, 47–49	[illegible]
15H-5, 47–49	[illegible]
15H-CC	[illegible]
16H-CC	[illegible]
17H-4, 116–118	[illegible]
17H-5, 47–49	[illegible]
17H-CC	[illegible]
18H-CC	[illegible]
19H-3, 47–49	[illegible]
19H-3, 116–118	[illegible]
19H-6, 47–49	[illegible]
19H-CC	[illegible]
20H-CC	[illegible]

Note: See Figure 12 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that corresponds to this table.

Figure 14. Diatom zonation and magnetic polarity stratigraphy of upper Pliocene-Miocene-Pleistocene sediments in Hole 751A. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 13.

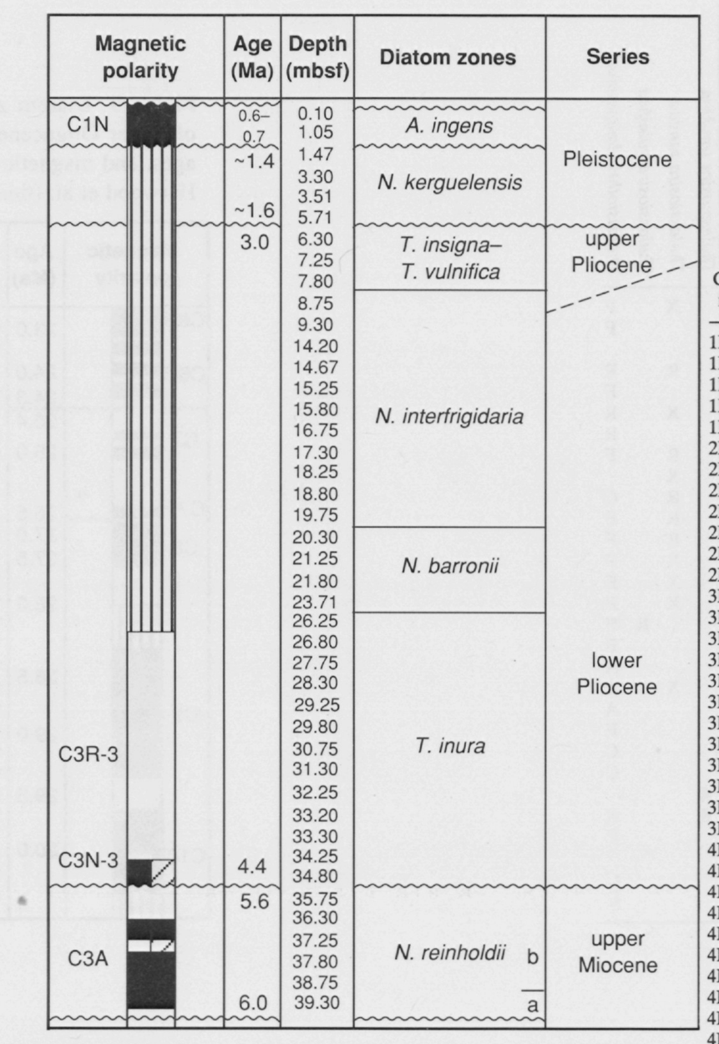

Table 13. Pliocene-Pleistocene diatom biostratigraphy, Hole 751A.

Core, section, interval (cm)	Species occurrences
1H-1, 10–11	[illegible]
1H-1, 105–106	[illegible]
1H-1, 145–146	[illegible]
1H-3, 10–11	[illegible]
1H-3, 51–52	[illegible]
2H-1, 105–107	[illegible]
2H-2, 10–11	[illegible]
2H-2, 105–106	[illegible]
2H-3, 10–11	[illegible]
2H-3, 105–106	[illegible]
2H-4, 10–12	[illegible]
2H-CC	[illegible]
3H-1, 47–48	[illegible]
3H-1, 105–106	[illegible]
3H-2, 10–11	[illegible]
3H-2, 105–106	[illegible]
3H-3, 10–11	[illegible]
3H-3, 105–106	[illegible]
3H-4, 10–11	[illegible]
3H-4, 105–106	[illegible]
3H-5, 10–11	[illegible]
3H-5, 105–106	[illegible]
3H-6, 10–11	[illegible]
3H-CC	[illegible]
4H-2, 105–106	[illegible]
4H-3, 10–11	[illegible]
4H-3, 105–106	[illegible]
4H-4, 10–11	[illegible]
4H-4, 105–106	[illegible]
4H-5, 10–11	[illegible]
4H-5, 105–106	[illegible]
4H-6, 10–11	[illegible]
4H-6, 105–106	[illegible]
4H-CC	[illegible]
5H-1, 10–11	[illegible]
5H-1, 105–106	[illegible]
5H-2, 10–11	[illegible]
5H-2, 105–106	[illegible]
5H-3, 10–11	[illegible]
5H-3, 105–106	[illegible]
5H-4, 10–11	[illegible]
5H-4, 105–106	[illegible]
5H-5, 10–11	[illegible]

Note: See Figure 14 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that corresponds to this table.

Table 11. Pliocene-Pleistocene diatom biostratigraphy, Hole 749B.

Core, section, interval (cm)	*Actinocyclus actinochilus*	*Actinocyclus fasciculatus*	*Actinocyclus ingens*	*Actinocyclus ingens* var. *irregularis*	*Actinocyclus karstenii*	*Asteromphalus hookeri*	*Asteromphalus parvulus*	*Azpeitia tabularis*	*Dactyliosolen antarcticus*	*Denticulopsis dimorpha*	*Denticulopsis hustedtii*	*Eucampia antarctica*	*Hemidiscus karstenii*	*Lisitzinia ornata*	*Nitzschia arcula*	*Nitzschia aurica*	*Nitzschia barronii*	*Nitzschia curta*	*Nitzschia interfrigidaria*	*Nitzschia kerguelensis*	*Nitzschia reinholdii*	*Nitzschia ritscheri*	*Nitzschia separanda*	*Nitzschia weaverii*	*Rhizosolenia* sp.	*Rhizosolenia styliformis*	*Rocella gelida*	*Rouxia antarctica*	*Rouxia diploneides*	*Rouxia naviculoides*	*Thalassiosira complicata*	*Thalassiosira gracilis*	*Thalassiosira insigna*	*Thalassiosira inura*	*Thalassiosira kolbei*	*Thalassiosira lentiginosa*	*Thalassiosira lentiginosa* var. *ovalis*	*Thalassiosira oestrupii*	*Thalassiosira oliverana*	*Thalassiosira oliverana* (coarse)	*Thalassiosira torokina*	*Thalassiosira vulnifica*	*Thalassiothrix longissima*
1H-1, 2	R		F			R	R	R	R			R						R		A		R	F			R						R				C			F				C
1H-1, 15	F		R			R	R	R	R			R								A		R	F									F				C			F				F
1H-1, 23	R		F							R		R	R		R	R			F	C		F	F	R	R			R		R			R		F	F			C	R		R	F
1H-1, 27		R	F	R	R							F		r	R				R	R			F	R		R	r		R				F	R	R	F		R	C		R	C	C
1H-1, burrows										R	R	R					R		F		R			F							R		F		R	R	R		R	F		R	

Figure 13. Diatom zonation and magnetic polarity stratigraphy of Eocene-Oligocene sediments in Hole 749B. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 12.

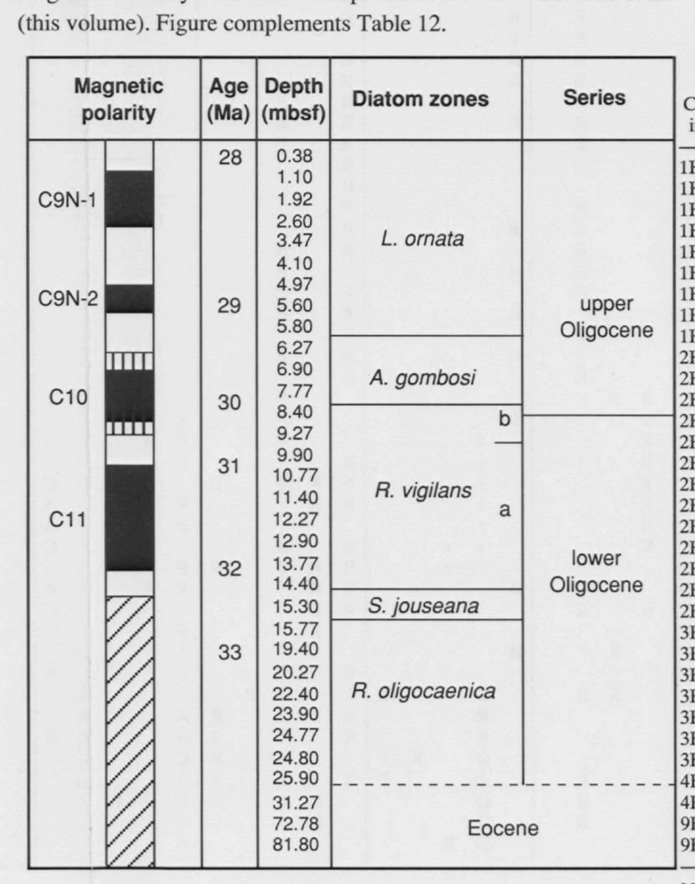

Table 12. Eocene-Oligocene diatom biostratigraphy, Hole 749B.

Species columns (in order, as far as legible): *Actinoptychus* spp., *Asterolampra grevillei*, *Asterolampra punctifera*, *Asterolampra schmidtii*, *Asterolampra tela*, *Asterolampra uraster*, *Asterolampra vulgaris* var. *cellulosa*, *Asteromphalus oligocenicus*, *Azpeitia gombosi*, *Azpeitia oligocenica*, *Baxteriopsis brunii*, *Cestodiscus antarcticus*, *Cestodiscus convexus*, *Cestodiscus pulchellus*, *Cestodiscus reticulatus*, *Coscinodiscus hajosiae*, *Coscinodiscus lewisianus*, *Coscinodiscus lewisianus* var. *similis*, *Coscinodiscus lewisianus* var. *levis*, *Coscinodiscus marginatus*, *Coscinodiscus rhombicus*, *Coscinodiscus superbus*, *Coscinodiscus superbus* 1, *Ethmodiscus rex*, *Genus et sp. indet.* #1, *Genus et sp. indet.* #1 Gombos, *Genus et sp. indet.* #2, *Hemiaulus incisus*, *Hemiaulus polycystinorum*, *Hemiaulus taurus*, *Kozloviella minor*, *Lisitzinia ornata*, *Paralia architecturalis*, *Paralia sulcata* var. *crenulata*, *Pleurosigma* spp., *Pseudotriceratium radiosoreticulatum*, *Pyxilla reticulata* … [illegible]

Core, section, interval (cm)	Species occurrences
1H-1, 38	[illegible]
1H-1, 110–112	[illegible]
1H-2, 47–48	[illegible]
1H-2, 110–111	[illegible]
1H-3, 47–48	[illegible]
1H-3, 110–111	[illegible]
1H-4, 47–48	[illegible]
1H-4, 110–111	[illegible]
1H-CC	[illegible]
2H-1, 47–49	[illegible]
2H-1, 110–112	[illegible]
2H-2, 47–49	[illegible]
2H-2, 110–112	[illegible]
2H-3, 47–49	[illegible]
2H-3, 110–112	[illegible]
2H-4, 47–49	[illegible]
2H-4, 110–112	[illegible]
2H-5, 47–49	[illegible]
2H-5, 110–112	[illegible]
2H-6, 47–49	[illegible]
2H-6, 110–112	[illegible]
2H-CC	[illegible]
3H-1, 47–49	[illegible]
3H-3, 110–112	[illegible]
3H-4, 47–49	[illegible]
3H-5, 110–112	[illegible]
3H-6, 110–112	[illegible]
3H-7, 47–49	[illegible]
3H-CC	[illegible]
4H-1, 110–112	[illegible]
4H-5, 47–49	[illegible]
9H-1, 48–50	[illegible]
9H-CC	[illegible]

Note: See Figure 13 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that corresponds to this table.

Figure 15. Diatom zonation and magnetic polarity stratigraphy of upper Miocene sediments in Hole 751A. Hiatus position, ages, and magnetic anomaly correlative interpretation are from Harwood et al. (this volume). Figure complements Table 14.

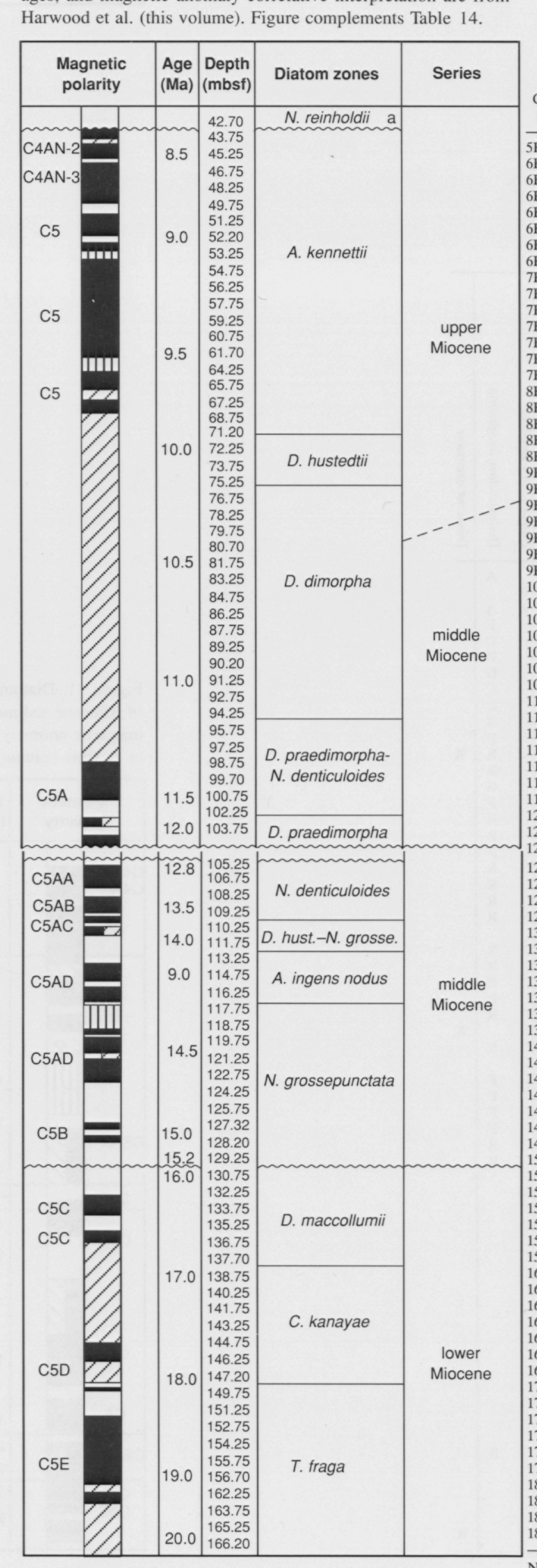

Table 14. Miocene diatom biostratigraphy, Hole 751A.

Core, section, interval (cm)	Species occurrences
5H-CC	[illegible]
6H-1, 205–206	[illegible]
6H-2, 105–106	[illegible]
6H-3, 105–106	[illegible]
6H-4, 105–106	[illegible]
6H-5, 105–106	[illegible]
6H-6, 105–106	[illegible]
6H-CC	[illegible]
7H-1, 105–106	[illegible]
7H-2, 105–106	[illegible]
7H-3, 105–106	[illegible]
7H-4, 105–106	[illegible]
7H-5, 105–106	[illegible]
7H-6, 105–106	[illegible]
7H-CC	[illegible]
8H-2, 105–106	[illegible]
8H-3, 105–106	[illegible]
8H-4, 105–106	[illegible]
8H-5, 105–106	[illegible]
8H-CC	[illegible]
9H-1, 105–106	[illegible]
9H-2, 105–106	[illegible]
9H-3, 105–106	[illegible]
9H-4, 105–106	[illegible]
9H-5, 105–106	[illegible]
9H-6, 105–106	[illegible]
9H-CC	[illegible]
10H-1, 105–107	[illegible]
10H-2, 105–107	[illegible]
10H-3, 105–107	[illegible]
10H-4, 105–107	[illegible]
10H-5, 105–107	[illegible]
10H-6, 105–106	[illegible]
10H-CC	[illegible]
11H-1, 105–107	[illegible]
11H-2, 105–107	[illegible]
11H-3, 105–107	[illegible]
11H-4, 105–107	[illegible]
11H-5, 105–107	[illegible]
11H-6, 105–107	[illegible]
11H-CC	[illegible]
12H-1, 105–107	[illegible]
12H-2, 105–107	[illegible]
12H-3, 105–107	[illegible]
12H-4, 105–107	[illegible]
12H-5, 105–107	[illegible]
12H-6, 105–107	[illegible]
12H-CC	[illegible]
13H-1, 105–107	[illegible]
13H-2, 105–107	[illegible]
13H-3, 105–107	[illegible]
13H-4, 105–107	[illegible]
13H-5, 105–107	[illegible]
13H-6, 105–107	[illegible]
13H-CC	[illegible]
14H-1, 105–107	[illegible]
14H-2, 105–107	[illegible]
14H-3, 105–107	[illegible]
14H-4, 105–107	[illegible]
14H-5, 105–107	[illegible]
14H-6, 112–115	[illegible]
14H-CC	[illegible]
15H-1, 105–107	[illegible]
15H-2, 105–107	[illegible]
15H-3, 105–107	[illegible]
15H-4, 105–107	[illegible]
15H-5, 105–107	[illegible]
15H-6, 105–107	[illegible]
15H-CC	[illegible]
16H-1, 105–107	[illegible]
16H-2, 105–107	[illegible]
16H-3, 105–107	[illegible]
16H-4, 105–107	[illegible]
16H-5, 105–107	[illegible]
16H-6, 105–107	[illegible]
16H-CC	[illegible]
17H-2, 105–10	[illegible]
17H-3, 105–107	[illegible]
17H-4, 105–107	[illegible]
17H-5, 105–107	[illegible]
17H-6, 105–107	[illegible]
17H-CC	[illegible]
18H-4, 105–107	[illegible]
18H-5, 105–107	[illegible]
18H-6, 105–107	[illegible]
18H-CC	[illegible]

Note: See Figure 15 for magnetic polarity data, anomaly correlative interpretation, hiatus position, age, and diatom zonation that corresponds to this table.