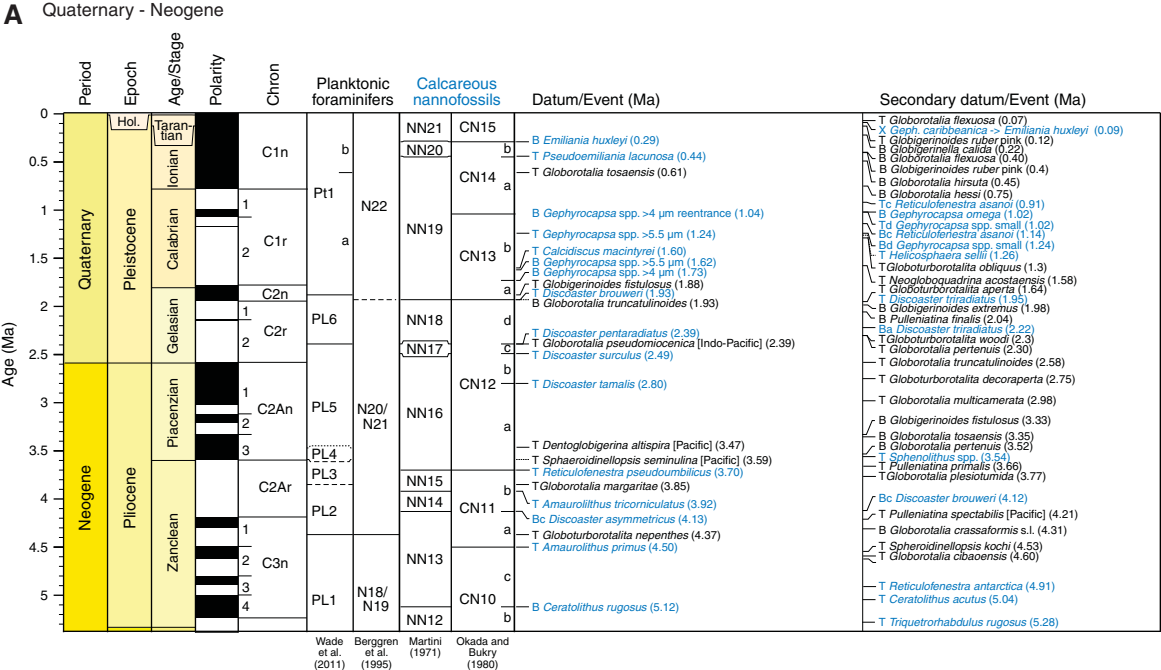
A
Quaternary - Neogene
Period
Epoch
Age/Stage
Polarity
Chron
Planktonic foraminifers
Calcareous nannofossils
Datum/Event (Ma)
Secondary datum/Event (Ma)
Age (Ma)
Quaternary
Neogene
Pleistocene
Pliocene
Hol.
Taran-tian
Ionian
Calabrian
Gelasian
Piacenzian
Zanclean
C1n
C1r
C2n
C2r
C2An
C2Ar
C3n
Pt1
PL6
PL5
PL4
PL3
PL2
PL1
N22
N20/ N21
N18/ N19
NN21
NN20
NN19
NN18
NN17
NN16
NN15
NN14
NN13
NN12
CN15
CN14
CN13
CN12
CN11
CN10
B Emiliania huxleyi (0.29)
T Pseudoemiliania lacunosa (0.44)
T Globorotalia tosaensis (0.61)
B Gephyrocapsa spp. >4 µm reentrance (1.04)
T Gephyrocapsa spp. >5.5 µm (1.24)
T Calcidiscus macintyrei (1.60)
B Gephyrocapsa spp. >5.5 µm (1.62)
B Gephyrocapsa spp. >4 µm (1.73)
T Globigerinoides fistulosus (1.88)
T Discoaster brouweri (1.93)
B Globorotalia truncatulinoides (1.93)
T Discoaster pentaradiatus (2.39)
T Globorotalia pseudomiocenica [Indo-Pacific] (2.39)
T Discoaster surculus (2.49)
T Discoaster tamalis (2.80)
T Dentoglobigerina altispira [Pacific] (3.47)
T Sphaeroidinellopsis seminulina [Pacific] (3.59)
T Reticulofenestra pseudoumbilicus (3.70)
T Globorotalia margaritae (3.85)
T Amaurolithus tricorniculatus (3.92)
Bc Discoaster asymmetricus (4.13)
T Globoturborotalita nepenthes (4.37)
T Amaurolithus primus (4.50)
B Ceratolithus rugosus (5.12)
T Globorotalia flexuosa (0.07)
X Geph. caribbeanica -> Emiliania huxleyi (0.09)
T Globigerinoides ruber pink (0.12)
B Globigerinella calida (0.22)
B Globorotalia flexuosa (0.40)
B Globigerinoides ruber pink (0.4)
B Globorotalia hirsuta (0.45)
B Globorotalia hessi (0.75)
1c Reticulofenestra asanoi (0.91)
B Gephyrocapsa omega (1.02)
1d Gephyrocapsa spp. small (1.02)
Bc Reticulofenestra asanoi (1.14)
Bd Gephyrocapsa spp. small (1.24)
T Helicosphaera sellii (1.26)
T Globoturborotalita obliquus (1.3)
T Neogloboquadrina acostaensis (1.58)
T Globoturborotalita aperta (1.64)
T Discoaster triradiatus (1.95)
B Globigerinoides extremus (1.98)
B Pulleniatina finalis (2.04)
Ba Discoaster triradiatus (2.22)
T Globoturborotalita woodi (2.3)
T Globorotalia pertenuis (2.30)
T Globorotalia truncatulinoides (2.58)
T Globoturborotalita decoraperta (2.75)
T Globorotalia multicamerata (2.98)
B Globigerinoides fistulosus (3.33)
B Globorotalia tosaensis (3.35)
B Globorotalia pertenuis (3.52)
T Sphenolithus spp. (3.54)
T Pulleniatina primalis (3.66)
T Globorotalia plesiotumida (3.77)
Bc Discoaster brouweri (4.12)
T Pulleniatina spectabilis [Pacific] (4.21)
B Globorotalia crassaformis s.l. (4.31)
T Spheroidinellopsis kochi (4.53)
T Globorotalia cibaoensis (4.50)
T Reticulofenestra antarctica (4.91)
T Ceratolithus acutus (5.04)
T Triquetrorhabdulus rugosus (5.28)
Wade et al. (2011)
Berggren et al. (1995)
Martini (1971)
Okada and Bukry (1980)