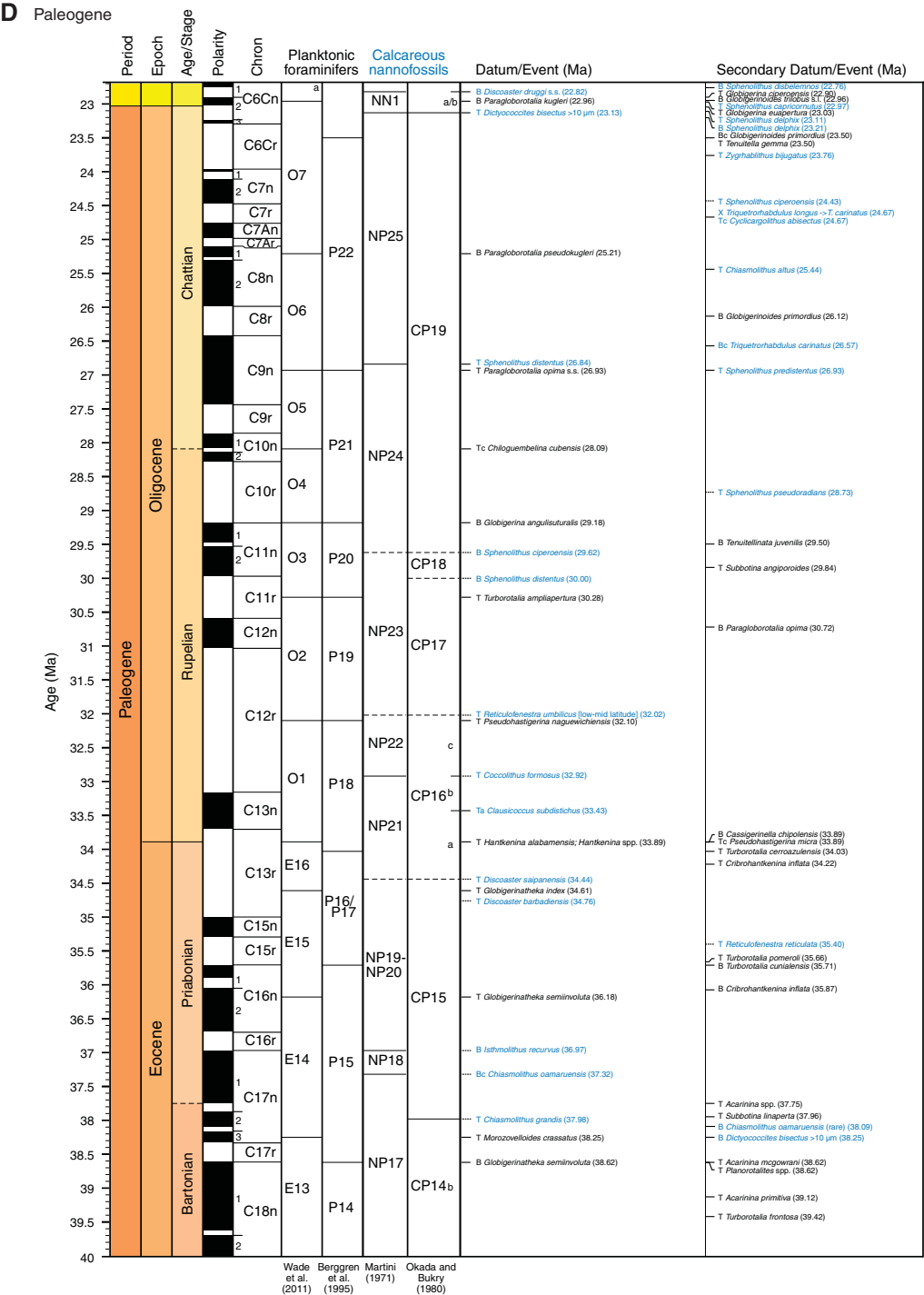
D
Paleogene
Period
Epoch
Age/Stage
Polarity
Chron
Planktonic foraminifers
Calcareous nannofossils
Datum/Event (Ma)
Secondary Datum/Event (Ma)
Age (Ma)
Paleogene
Oligocene
Eocene
Chattian
Rupelian
Priabonian
Bartonian
C6Cn
C6Cr
C7n
C7r
C7An
C7Ar
C8n
C8r
C9n
C9r
C10n
C10r
C11n
C11r
C12n
C12r
C13n
C13r
C15n
C15r
C16n
C16r
C17n
C17r
C18n
O7
O6
O5
O4
O3
O2
O1
E16
E15
E14
E13
P22
P21
P20
P19
P18
P16/ P17
P15
P14
NN1
NP25
NP24
NP23
NP22
NP21
NP19-NP20
NP18
NP17
CP19
CP18
CP17
CP16b
CP15
CP14b
B Discoaster druggi s.s. (22.82)
B Paragloborotalia kugleri (22.96)
T Dictyococcites bisectus >10 µm (23.13)
B Paragloborotalia pseudokugleri (25.21)
T Sphenolithus distentus (26.84)
T Paragloborotalia opima s.s. (26.93)
Tc Chiloguembelina cubensis (28.09)
B Globigerina angulisuturalis (29.18)
B Sphenolithus ciperoensis (29.62)
B Sphenolithus distentus (30.00)
T Turborotalia ampliapertura (30.28)
T Reticulofenestra umbilicus [low-mid latitude] (32.02)
T Pseudohastigerina naguewichiensis (32.10)
T Coccolithus formosus (32.92)
Ta Clausicoccus subdisticlus (33.43)
T Hantkenina alabamensis; Hantkenina spp. (33.89)
T Discoaster saipanensis (34.44)
T Globigerinatheka index (34.61)
T Discoaster barbadiensis (34.76)
T Reticulofenestra reticulata (35.40)
T Globigerinatheka semiinvoluta (36.18)
B Isthmolithus recurvus (36.97)
Bc Chiasmolithus oamaruensis (37.32)
T Chiasmolithus grandis (37.98)
T Morozovelloides crassatus (38.25)
B Globigerinatheka semiinvoluta (38.62)
B Sphenolithus disbelemnos (22.76)
T Globigerina ciperoensis (22.90)
B Globigerinoides trilobus s.l. (22.96)
T Sphenolithus capricornutus (22.97)
T Globigerina euapertura (23.03)
T Sphenolithus delphix (23.11)
B Sphenolithus delphix (23.21)
Bc Globigerinoides primordius (23.50)
T Tenuitella gemma (23.50)
T Zygrhabilithus bijugatus (23.76)
T Sphenolithus ciperoensis (24.43)
X Triquetrorhabdulus longus -> T. carinatus (24.67)
Tc Cyclicargolithus abisectus (24.67)
T Chiasmolithus altus (25.44)
B Globigerinoides primordius (26.12)
Bc Triquetrorhabdulus carinatus (26.57)
T Sphenolithus predistentus (26.93)
T Sphenolithus pseudoradians (28.73)
B Tenuitellinata juvenilis (29.50)
T Subbotina angiporoides (29.84)
B Paragloborotalia opima (30.72)
B Cassigerinella chipolensis (33.89)
Tc Pseudohastigerina micra (33.89)
T Turborotalia cerroazulensis (34.03)
T Cribrohantkenina inflata (34.22)
T Turborotalia pomeroli (35.66)
B Turborotalia cunialensis (35.71)
B Cribrohantkenina inflata (35.87)
T Acarinina spp. (37.75)
T Subbotina linaperta (37.96)
B Chiasmolithus oamaruensis (rare) (38.09)
B Dictyococcites bisectus >10 µm (38.25)
T Acarinina mcgowrani (38.62)
T Planorotalites spp. (38.62)
T Acarinina primitiva (39.12)
T Turborotalia frontosa (39.42)
Wade et al. (2011)
Berggren et al. (1995)
Martini (1971)
Okada and Bukry (1980)