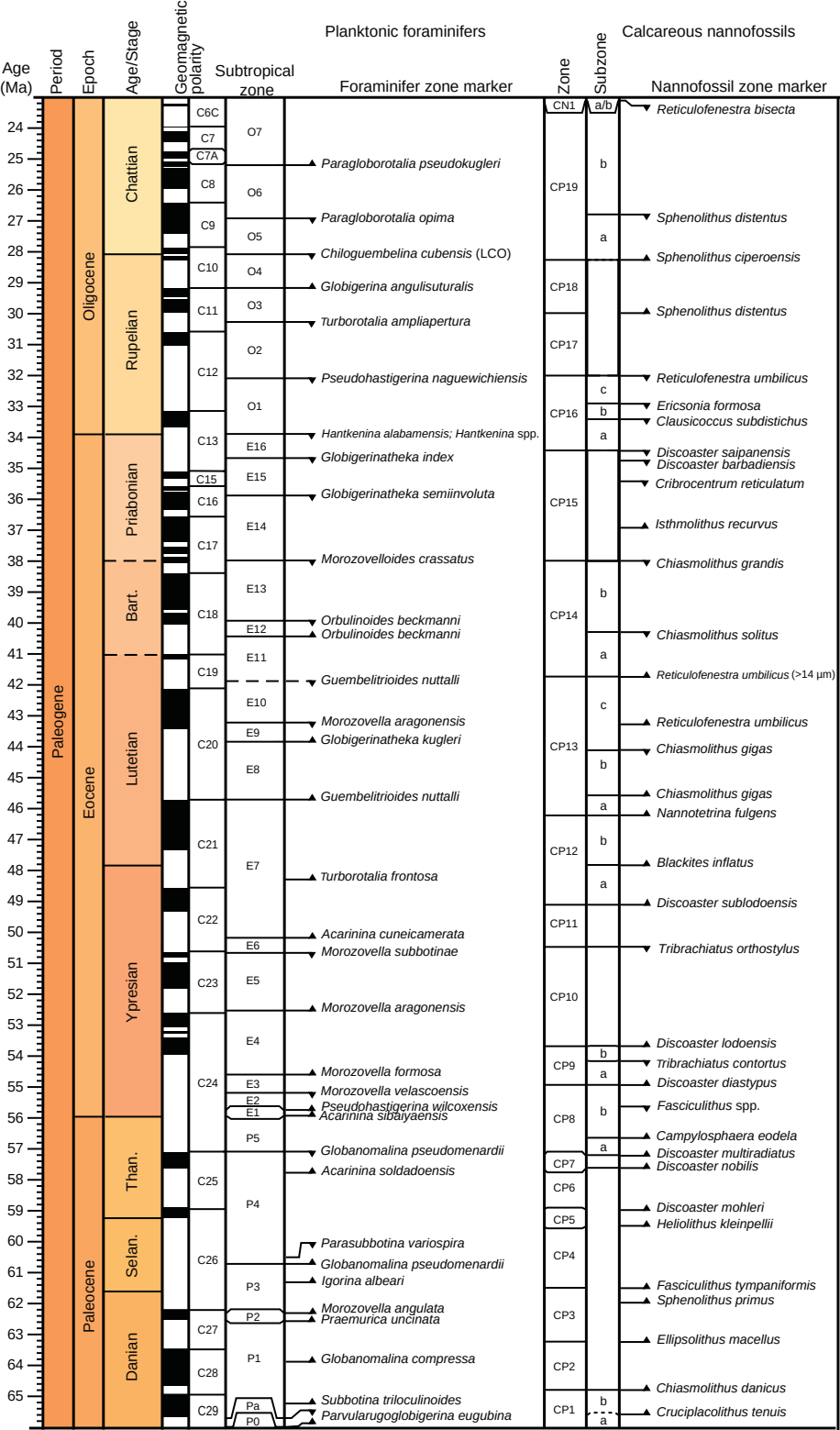
Age (Ma)
Period
Epoch
Age/Stage
Geomagnetic polarity
Subtropical zone
Planktonic foraminifers
Foraminifer zone marker
Zone
Subzone
Calcareous nannofossils
Nannofossil zone marker
Paleogene
Oligocene
Eocene
Paleocene
Chattian
Rupelian
Priabonian
Bart.
Lutetian
Ypresian
Than.
Selan.
Danian
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C6C
C7
C7A
C8
C9
C10
C11
C12
C13
C15
C16
C17
C18
C19
C20
C21
C22
C23
C24
C25
C26
C27
C28
C29
O7
O6
O5
O4
O3
O2
O1
E16
E15
E14
E13
E12
E11
E10
E9
E8
E7
E6
E5
E4
E3
E2
E1
P5
P4
P3
P2
P1
Pa
P0
Paragloborotalia pseudokugleri
Paragloborotalia opima
Chiloguembelina cubensis (LCO)
Globigerina angulisuturalis
Turborotalia ampliapertura
Pseudohastigerina naguewichiensis
Hantkenina alabamensis; Hantkenina spp.
Globigerinatheka index
Globigerinatheka semiinvoluta
Morozovelloides crassatus
Orbulinoides beckmanni
Orbulinoides beckmanni
Guembelitrioides nuttalli
Morozovella aragonensis
Globigerinatheka kugleri
Guembelitrioides nuttalli
Turborotalia frontosa
Acarinina cuneicamerata
Morozovella subbotinae
Morozovella aragonensis
Morozovella formosa
Morozovella velascoensis
Pseudohastigerina wilcoxensis
Acarinina sibaiyaensis
Globanomalina pseudomenardii
Acarinina soldadoensis
Parasubbotina variospira
Globanomalina pseudomenardii
Igorina albeari
Morozovella angulata
Praemurica uncinata
Globanomalina compressa
Subbotina triloculinoides
Parvularugoglobigerina eugubina
CN1
CP19
CP18
CP17
CP16
CP15
CP14
CP13
CP12
CP11
CP10
CP9
CP8
CP7
CP6
CP5
CP4
CP3
CP2
CP1
a/b
b
a
c
b
a
b
a
c
b
a
b
a
b
a
b
a
b
a
Reticulofenestra bisecta
Sphenolithus distentus
Sphenolithus ciperoensis
Sphenolithus distentus
Reticulofenestra umbilicus
Ericsonia formosa
Clausicoccus subdistichus
Discoaster saipanensis
Discoaster barbadiensis
Cribrocentrum reticulatum
Isthmolithus recurvus
Chiasmolithus grandis
Chiasmolithus solitus
Reticulofenestra umbilicus (>14 µm)
Reticulofenestra umbilicus
Chiasmolithus gigas
Chiasmolithus gigas
Nannotetrina fulgens
Blackites inflatus
Discoaster sublodoensis
Tribrachiatus orthostylus
Discoaster lodoensis
Tribrachiatus contortus
Discoaster diastypus
Fasciculithus spp.
Campylosphaera eodela
Discoaster multiradiatus
Discoaster nobilis
Discoaster mohleri
Heliolithus kleinpellii
Fasciculithus tympaniformis
Sphenolithus primus
Ellipsolithus macellus
Chiasmolithus danicus
Cruciplacolithus tenuis