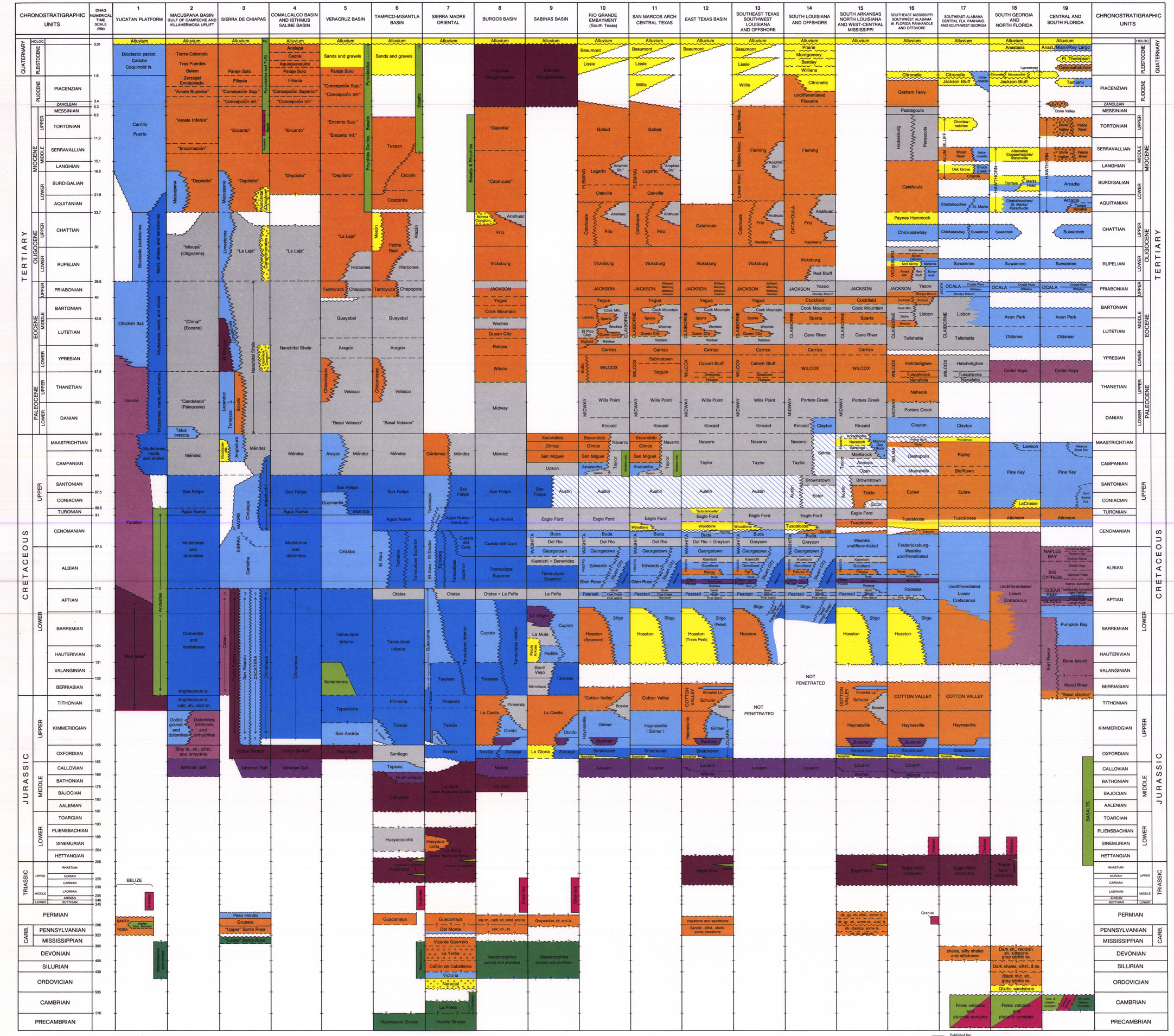
CHRONOSTRATIGRAPHIC UNITS
DNAG NUMERICAL TIME SCALE (Ma)
1 YUCATAN PLATFORM
2 MACUSPANA BASIN GULF OF CAMPECHE AND VILLAHERMOSA UPLIFT
3 SIERRA DE CHIAPAS
4 COMALCALCO BASIN AND ISTHMUS SALINE BASIN
5 VERACRUZ BASIN
6 TAMPICO-MISANTLA BASIN
7 SIERRA MADRE ORIENTAL
8 BURGOS BASIN
9 SABINAS BASIN
10 RIO GRANDE EMBAYMENT (South Texas)
11 SAN MARCOS ARCH CENTRAL TEXAS
12 EAST TEXAS BASIN
13 SOUTHEAST TEXAS SOUTHWEST LOUISIANA AND OFFSHORE
14 SOUTH LOUISIANA AND OFFSHORE
15 SOUTH ARKANSAS NORTH LOUISIANA AND WEST-CENTRAL MISSISSIPPI
16 SOUTHEAST MISSISSIPPI SOUTHWEST ALABAMA W. FLORIDA PANHANDLE AND OFFSHORE
17 SOUTHEAST ALABAMA CENTRAL FLA. PANHAND. AND SOUTHWEST GEORGIA
18 SOUTH GEORGIA AND NORTH FLORIDA
19 CENTRAL AND SOUTH FLORIDA
CHRONOSTRATIGRAPHIC UNITS
TERTIARY
CRETACEOUS
JURASSIC
TRIASSIC
PERMIAN
CARB.
PENNSYLVANIAN
MISSISSIPPIAN
DEVONIAN
SILURIAN
ORDOVICIAN
CAMBRIAN
PRECAMBRIAN
QUATERNARY
HOLOC.
PLEISTOCENE
PLIOCENE
MIOCENE
OLIGOCENE
EOCENE
PALEOCENE
UPPER
MIDDLE
LOWER
Alluvium
Bioclastic packst. Caliche Coquinoid ls.
Carrillo
Puerto
Yucatan
Chichén Itzá
Icaiché
Bioclastic packstones
Mudstones, marls, and shales
Tierra Colorada
Tres Puentes
Belem
Zarzagal
Encajonado
"Amate Superior"
"Amate Inferior"
"Encarnación"
"Depósito"
Macuspana
"Misopá" (Oligocene)
"Chinal" (Eocene)
"Candelaria" (Paleocene)
Talus breccia
Méndez
San Felipe
Agua Nueva
Mudstones and dolomites
Dolomites and mudstones
Argillaceous ls.
Argillaceous ls., calc. sh., and sh.
Ooilitic grainst. and dolomites
Dolomites, siltstones, and anhydrites
Silty ls., sh., siltst., and anhydrite
Isthmian Salt
"Red beds"
Paraje Solo
Filisola
"Concepción Sup."
"Concepción Inf."
"Encanto"
Macuspana
Limestones
Lacandon
Tenejapa
Soyaló
El Bosque
Angostura
Cintalapa
Cantelha
SIERRA MADRE
Jolpabuchil
Cobán
Todos Santos
San Ricardo
ZACATERA
Chiapas
Acalapa
Cedral
Agueguexquite
Paraje Solo
Filisola
"Concepción Superior"
"Concepción Inf."
"Encanto"
"Depósito"
Macuspana
Manchinal Conglom.
Nanchital Shale
Chicontepec
Velasco
"Basal Velasco"
Méndez
San Felipe
Agua Nueva
Mudstones and dolomites
Orizaba
Cuesta del Cura
Tamaulipas Superior
Tamaulipas Inferior
Otates
Guacamaya
Chinameca
Todos Santos
Isthmian Salt
"Red Beds"
Sands and gravels
Paraje Solo
"Concepción Sup."
"Concepción Inf."
"Encanto Sup."
"Encanto Inf."
"Encanto"
"Depósito"
"La Laja"
Horcones
Chapopote
Tantoyuca
Guayabal
Aragón
Chicontepec
Velasco
"Basal Velasco"
Atoyac
Méndez
San Felipe
Guzmantla
Maltrata
Agua Nueva
Mudstones and dolomites
Orizaba
Tamaulipas Inferior
Xonamanca
Tepexilotla
San Andrés
"Red Beds"
Pyroclastics
Rhyolites Deciles
Basalts
Sands and gravels
Paraje Solo
"Concepción Sup."
"Concepción Inf."
"Encanto Sup."
"Encanto Inf."
"La Laja"
Horcones
Tantoyuca
Chapopote
Guayabal
Aragón
Chicontepec
Velasco
"Basal Velasco"
Méndez
San Felipe
Agua Nueva
Mudstones and dolomites
Tamaulipas Inferior
Pimienta
Tamán
Santiago
Tepexic
Huehuetepec
Cahuasas
Huayacocotla
Huizachal
Granites
Huiznopala Gneiss
Sands and gravels
Pyroclastics
Basalts
Tuxpan
Escolin
Coatzintla
Méndez
Méndez
Cárdenas
Tamaspopo
San Felipe
Agua Nueva = Indidura
Cuesta del Cura
Tamaulipas Superior
Otates
Guacamaya
Taraises
Pimienta
Tamán
Novillo
La Joya (upper Huizachal Group)
La Boca (lower Huizachal Group)
Guacamaya
Del Monte
Vicente Guerrero
La Yerba
Cañón de Caballeros
Victoria
Naranjal
La Presa
Novillo Gneiss
Metamorphics
Reynosa Conglomerate
Sabinas Conglomerate
"Oakville"
"Catahoula"
Norma Conglom.
Anahuac
Frio
Vicksburg
JACKSON
Yegua
Cook Mountain
Weches
Queen City
Reklaw
Wilcox
Midway
Escondido
Olmos
San Miguel
Upson
Eagle Ford
Buda
Del Rio
Georgetown
Kiamichi = Benevides
Tamaulipas Superior
La Peña
Cupido
Tamaulipas Inferior
Taraises
Pimienta
La Casita
Olvido
Zuloaga
La Gloria
Basalts & Rhyolites
Beaumont
Lissie
Willis
Goliad
Lagarto
Amphist. Sh.
Oakville
Catahoula
Anahuac
Frio
Vicksburg
JACKSON
Whitsett
Manning
Wellborn
Cockfield
Yegua
Cook Mountain
Sparta
Weches
Queen City
Reklaw
Laredo
El Pico Clay
Bigford
Carrizo
Sabinetown
Seguin
WILCOX
Indio
Calvert Bluff
Simsboro
Hooper
MIDWAY
Wills Point
Kincaid
Escondido
Olmos
San Miguel
Anacacho
Upson
Austin
Eagle Ford
Woodbine
Buda
Del Rio
Georgetown
Edwards
Stuart City
Glen Rose
Pearsall
Bexar
Cow Creek
Hammett
Hosston
Sligo
Cotton Valley
Bossier
Haynesville (Gilmer)
Buckner
Smackover
Norphlet
Louann
Werner
Upper Misc.
Middle Misc.
Lower Misc.
Fleming
Amphist. Sh.
Hackberry
Anahuac
Frio
Vicksburg
Red Bluff
JACKSON
Yazoo
Moodys Branch
Cockfield
Cook Mountain
Sparta
Cane River
Carrizo
Porters Creek
Clayton
Kincaid
Escondido
Navarro
Taylor
Austin
Eagle Ford
Woodbine
Tuscaloosa
Buda
Del Rio = Grayson
Grayson
Georgetown
Kiamichi
Goodland
Paluxy
Rusk
Glen Rose
Pearsall
Rodessa
Hosston
Sligo
Cotton Valley
Knowles Ls.
Schuler
Bossier
Haynesville
Buckner
Smackover
Norphlet
Louann
Werner
Louann
Undifferentiated Pliocene
Prairie
Montgomery
Bentley
Williana
Citronelle
Fleming
Anahuac
Frio
Hackberry
CATAHOULA
Vicksburg
Red Bluff
JACKSON
Yazoo
Moodys Branch
Cockfield
Cook Mountain
Sparta
Cane River
Carrizo
Porters Creek
Clayton
Kincaid
Navarro
Taylor
Austin
Eagle Ford
Tuscaloosa
Buda
Grayson
Washita undifferentiated
Kiamichi
Goodland
Paluxy
Rusk
Glen Rose
Pearsall
Rodessa
Hosston
Sligo
NOT PENETRATED
Alluvium
Citronelle
Graham Ferry
Pascagoula
Hattiesburg
Pensacola
Catahoula
Paynes Hammock
Chickasawhay
VICKSBURG
Byram
Bucatunna
Mint Spring
Forest Hill
Marianna
Bumpnose
JACKSON
Yazoo
Moodys Branch
Cockfield
Gosport
Cook Mtn.
Zilpha
Winona
Lisbon
Tallahatta
Hatchetigbee
Tuscahoma
Nanafalia
Naheola
Porters Creek
Clayton
Tallahatta
Eutaw
Tuscaloosa
Dantzler
Demopolis
Moorevill
Eutaw
Tuscaloosa
Alluvium
Citronelle
Jackson Bluff
Intracoastal
Chocktawhatchee
Shoal River
Oak Grove
Bruce Creek
Crystal River
Chattahoochee
St. Marks
Chickasawhay
Suwannee
OCALA
Crystal River
Williston
Lisbon
Tallahatta
Hatchetigbee
Tuscahoma
Nanafalia
Naheola
Porters Creek
Clayton
Providence
Ripley
Blufftown
Eutaw
Tuscaloosa
Alluvium
Anastasia
Cypresshead
Citronelle
Jackson Bluff
Miocoochee
Chattahoochee/ St. Marks/ Parachucla
Suwannee
OCALA
Crystal River
Williston
Avon Park
Oldsmar
Cedar Keys
Lawson
Pine Key
LaCrosse
Atkinson
Alluvium
Anast. Miami/Key Largo
Ft. Thompson
Caloosahatchee
Tamiami
Bone Valley
Peace River
Arcadia
Tampa Nocatee
Suwannee
Avon Park
Oldsmar
Cedar Keys
Pine Key
Rebecca Shoal Dol.
Card Sound Dol.
Atkinson
Pumpkin Bay
Bone Island
Wood River
"Basal clastics"
Fort Pierce
NOT PENETRATED
Undifferentiated Lower Cretaceous
Undifferentiated Lower Cretaceous
Eagle Mills
"Eagle Mills" (NEWARK)
Dolores
Dubbs
Dockum
BASALTS
Granite
shales, silty shales and siltstones
Dark sh., reddish sh., siltstone gray qtzitic ss.
Dark shales, siltst., & ss.
Black mic. sh., gray qtzitic ss.
Qtzitic sandstone
Felsic volcanic and plutonic complex
Volc. & metam. complex
Granite Metam. Complex
Paso Hondo
Grupera
"Upper" Santa Rosa
"Lower" Santa Rosa
SANTA ROSA
Blocker Mbr.
Bio Mbr.
Manantial Mbr.
BELIZE
Granites
Metasediments and schists
Granites
Metamorphics (schists and phyllites)
Granites
Metamorphics (schists and phyllites)
Granites
Metamorphics
Granites
Guacamaya
sdy sh., carb. sh, siltst. and ss.
calc. sh., ss.
Graywackes, sh. and ls.
claystone and sandstone
Sandst., siltst., shale; some limestone
gy. gy. sh, siltst., some ls.
ds. gy. sh., some ss., coal, ls.
ds. clastics, some ls.
ss., sh., and coal
Huayacocotla
Huayacocotla
La Boca (lower Huizachal Group)
rhyolites & andesites
Huizachal
rhyolites & andesites
Granites
Huiznopala Gneiss
Novillo Gneiss
Granites
Metamorphics
Granites
Metamorphics
Granites
Metamorphics