Table 2.—*Correlation chart of Cenozoic units in the Gulf Coastal Plain*

ERATHEM	SYSTEM	SERIES	TEXAS: Southern	TEXAS: Southeastern and northeastern	LOUISIANA	ARKANSAS: Southern	ARKANSAS: Northeastern	MISSOURI	ILLINOIS	KENTUCKY	TENNESSEE	MISSISSIPPI: Northern	MISSISSIPPI: Central and southern	ALABAMA	FLORIDA
CENOZOIC	QUATERNARY	HOLOCENE	Alluvium and terrace deposits	Alluvium and terrace deposits	Alluvium and terrace deposits	Alluvium and terrace deposits	Alluvium, loess and terrace deposits	Alluvium, loess and terrace deposits	Alluvium and terrace deposits	Alluvium, terrace, and loess deposits	Alluvium, terrace, and loess deposits	Alluvium, terrace, and loess deposits	Alluvium, terrace, and loess deposits	Alluvium and terrace deposits	Alluvium and terrace deposits
		PLEISTOCENE													
	TERTIARY	PLIOCENE	Goliad Sand	Goliad Sand	Southwestern: Fleming Formation, Willis Bluff member, Steele Bayou member; Southeastern: Citronelle Formation								Citronelle Formation; Graham Ferry Formation	Citronelle Formation	Citronelle Formation
		MIOCENE	Fleming Formation; Oakville Sandstone	Fleming Formation	Fleming Formation: Blounts Creek Member, Castor Creek Member, Williamson Creek Member, Dough Hills Member, Carnahan Bayou Member, Lena Member								Pascagoula Formation: Fort Adams Member, Homochitto Member; Hattiesburg Clay	Undifferentiated	Pensacola Clay: Escambia Sand Member; Tampa Limestone
		OLIGOCENE	Catahoula Tuff; Frio Clay	Catahoula Sandstone	Catahoula Sandstone; Vicksburg Formation								Catahoula Sandstone: Tatum Limestone Member; Paynes Hammock Formation; Chickasawhay Limestone; Vicksburg Group: Bucatunna Formation, Byram Formation, Glendon Formation, Marianna Formation and Mint Spring Formation; Forest Hill, and Red Bluff Formations	Catahoula Sandstone: Tatum Limestone Member; Paynes Hammock Formation; Chickasawhay Limestone; Vicksburg Group: Bucatunna Formation, Byram Formation, Glendon Formation, Marianna Formation and Mint Spring Formation; Red Bluff, Forest Hill, and Bumpnose Formations	Catahoula Sandstone: Tatum Limestone Member; Chickasawhay Limestone; Bucatunna Formation; Byram Formation; Marianna Formation; Bumpnose Formation
		EOCENE: Claiborne Group	Whitsett Formation; Manning Clay; Wellborn Sandstone; Caddell Formation	Whitsett Formation; Manning Clay; Wellborn Sandstone; Caddell Formation	Yazoo Formation; Moodys Branch Marl	Undifferentiated	Undifferentiated	Jackson Formation		Jackson Formation	Jackson Formation	Undifferentiated	Yazoo Formation: Shubuta Member, Pachuta Marl Member, Cocoa Sand Member, North Twistwood Creek Member; Moodys Branch Marl	Yazoo Formation: Shubuta Member, Pachuta Marl Member, Cocoa Sand Member, North Twistwood Creek Member; Moodys Branch Marl	Ocala Limestone; Moodys Branch Formation
			Yegua Formation; Laredo Formation; El Pico Clay; Bigford Formation; Carrizo Sand	Yegua Formation; Cook Mountain Formation; Sparta Sand; Weches Formation; Queen City Sand; Reklaw Formation; Carrizo Sand	Cockfield Formation; Cook Mountain Formation; Sparta Sand; Cane River Formation; Carrizo Sand	Cockfield Formation; Cook Mountain Formation; Sparta Sand; Cane River Formation; Carrizo Sand	Cockfield Formation; Cook Mountain Formation; Memphis Sand	Cockfield(?) Formation; Cook Mountain(?) Formation; Memphis Sand		Cockfield Formation; Cook Mountain Formation; Sparta Sand; Tallahatta Formation	Cockfield Formation; Cook Mountain Formation; Memphis Sand	Cockfield Formation; Cook Mountain Formation; Sparta Sand; Zilpha Clay; Winona Sand; Tallahatta Formation	Cockfield Formation; Cook Mountain Formation; Gordon Creek Shale Member, Potterchitto Sand Member, Archusa Marl Member; Sparta Sand; Zilpha Clay; Winona Sand; Tallahatta Formation; Neshoba Sand Member; Basic City Shale Member; Meridian Sand Member	Gosport Sand; Lisbon Formation; Tallahatta Formation; Meridian Sand Member	Lisbon Formation; Tallahatta Formation
		PALEOCENE: Wilcox Group	Undifferentiated	Undifferentiated	Undifferentiated; Dolet Hills Formation; Naborton Formation	Undifferentiated	Undifferentiated	Flour Island Formation; Fort Pillow Sand; Old Breastworks Formation	Flour Island Formation; Fort Pillow Sand; Old Breastworks(?) Formation	Wilcox Formation: No Wilcox deposits identified as being of Paleocene age.	Wilcox Formation: No Wilcox deposits identified as being of Paleocene age.	Flour Island Formation; Fort Pillow Sand; Old Breastworks Formation	Undifferentiated	Hatchetigbee Formation; Bashi Formation; Tuscahoma Formation; Nanafalia Formation; Feare Springs Member	Hatchetigbee Formation; Bashi Formation; Tuscahoma Sand; Bells Landing Marl Member; Greggs Landing Marl Member; Nanafalia Formation; Grampian Hills Member; "Middle" member; Gravel Creek Sand Member	Hatchetigbee Formation; Bashi Formation; Undifferentiated
		Midway Group	Wills Point Formation; Kincaid Formation	Wills Point Formation; Kincaid Formation	Porters Creek Clay; Clayton Formation	Porters Creek Clay; Clayton Formation	Porters Creek Clay; Clayton Formation	Porters Creek Clay; Clayton Formation	Porters Creek Clay; Clayton Formation	Porters Creek Clay; Clayton Formation	Porters Creek Clay; Clayton Formation	Porters Creek Clay; Tippah Sand Lentil; Clayton Formation	Naheola Formation; Porters Creek Clay; Matthews Landing Marl Member; Clayton Formation	Naheola Formation; Coal Bluff Marl Member; Oak Hill Member; Porters Creek Clay; Matthews Landing Marl Member; Clayton Formation; McBryde Limestone Member; Pine Barren Member	Undifferentiated

This correlation chart shows geologic names of Cenozoic units in the Gulf Coast as used by the U.S. Geological Survey. Horizontal alignment implies at least general correlation where exact equivalency is not obvious. Vertical space occupied by a unit has no relation to any physical parameter of the unit but was dictated by space requirements for lateral units and accommodating geologic-age boundaries.

Modified from Hosman, 1988.