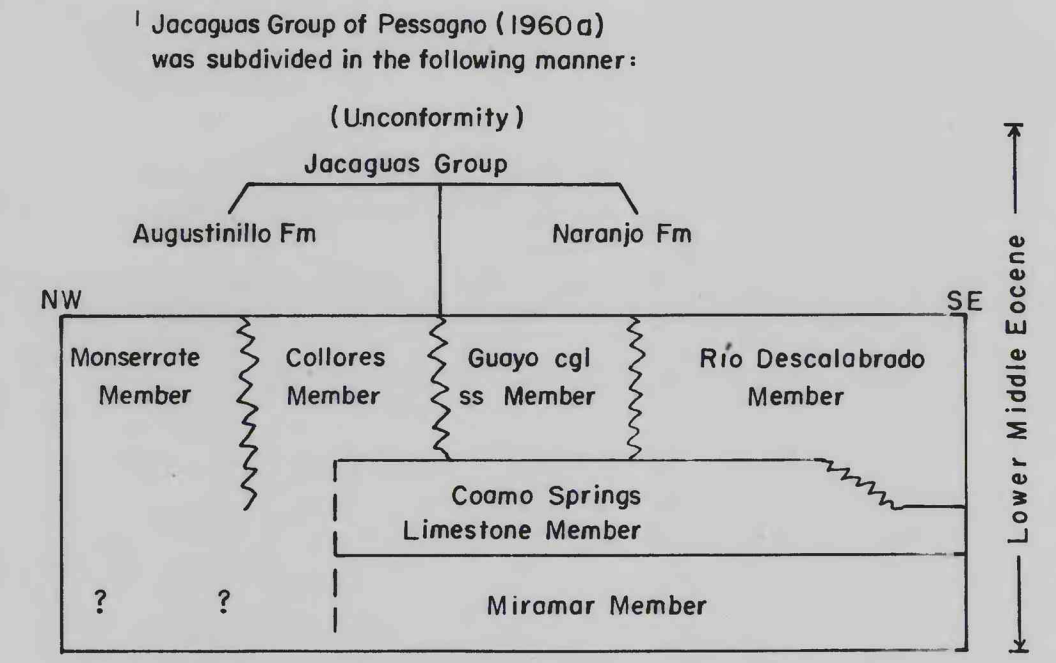


Era	System and period	Series or epoch	Stage or age	Hodge (1920) Coamo-Guayama district	Berryhill and others (1960, Feb.). Section for south- central Puerto Rico	Pessagno (1960b, June) Ponce-Coamo area	Glover (1961a) Coamo quadrangle	Pessagno (1961, 1962, 1963a) <sup>4</sup>	Glover (this report)	Stage or age	Series or epoch			
Cenozoic	Quaternary	Holocene		Santa Isabel series					Unconsolidated materials and reefs		Holocene			
		Pleistocene				Younger rocks not considered	Younger rocks not exposed	Younger rocks not considered			Pleistocene			
	Tertiary	Pliocene										Pliocene		
			Miocene	Upper							Upper	Miocene		
				Middle							Middle			
		Oligocene	Lower								Lower	Oligocene		
			Upper	Arecibo Fm		JUANA DÍAZ FM <sup>6</sup>		Juana Díaz Fm <sup>6</sup>		Juana Díaz Fm <sup>6</sup>	Upper			
			Middle			Regional orogeny					Middle			
	Eocene	Lower								Lower	Eocene			
		Middle	Río Descalabrado series		Jacaguas Group <sup>1</sup>	Post-Cuevas rocks	Jacaguas Group	RÍO DESCALABRADO FM CUEVAS LIMESTONE		Middle				
		Upper	Coamo Springs series							Upper				
	Paleocene	Lower	Río Jueyes series							Lower	Paleocene			
Upper					Cuevas Limestone				Upper					
Mesozoic	Cretaceous	Upper Cretaceous	Maestrichtian	U								Maestrichtian		
				M	Guayama series	Coamo Fm		Coamo Fm						
			Campanian	U										Campanian
				M		Cariblanco Fm		Cariblanco Fm						
				L			TOA VACA <sup>2</sup> FM			COAMO FM				
				U			ILDEFONSO <sup>3</sup> FM		CARIBLANCO FM					
		Santonian	M	Sierra de Cayey series	Robles Fm		Robles Fm			Achiote Cgl Cariblanco Fm			Santonian	
			L											
		Coniacian	U										Coniacian	
			M											
		Turonian	U										Turonian	
			M											
Cenomanian	U										Cenomanian			
	M			Unnamed		Pre-Robles rocks								
Lower Cretaceous	Albian	Barranquitas - Cayey series									Albian			
	?	Río de la Plata series												



Only the Naranjo Fm of Pessagno occurs in the area of this report. The formation and member names were not used in the 1961 report by Pessagno. However, they have been referred to in the literature by Donnelly (1964) and Mattson (1968) and several are herein redefined for use in this report.

<sup>2</sup> Toa Vaca = Coamo Fm as restricted by Pessagno (1962) and Glover in this report.

<sup>3</sup> Ildelfonso = Cariblanco Fm of Pessagno (1962). It is also equivalent to the Cariblanco and Maravillas of this report.

<sup>4</sup> Pessagno (1961) - Middle Eocene Jacaguas Group.  
(1962) - Upper Cretaceous  
(1963a) - Juana Díaz Fm

<sup>5</sup> The Maravillas is Late Santonian to Middle or (?) Late Campanian by microfossils; it is Campanian to Maestrichtian by macrofossils.

<sup>6</sup> Data principally from Zapp, Bergquist, and Thomas (1948)

EVOLUTION OF STRATIGRAPHIC CONCEPTS IN THE COAMO AREA, PUERTO RICO