Table 2.—*Stratigraphic distribution of larger Foraminifera in the San Luis formation, south-central Oriente, Cuba*

	MIDDLE EOCENE																					
	San Luis formation																					
	Undifferentiated																					
	33	47	49	52	53	54	104	105	106	108	130	135	140	141	142	143	193	232	261	269	271	273
Dictyoconus americanus (Cushman)		X	X																X		X	
sp.													X									
Eodictyoconus cubensis (Cushman and Bermudez)	X	X	X	X	X	X				X	X				X	X		X			X	X
Camerina vanderstorki (Rutten and Vermunt)																						
sp				X																		
Operculinoides kugleri Vaughan and Cole																						
ocalanus (Cushman)																						
ocalanus (Cushman) var. minor Barker											X					X						
trinitatensis (Nuttall)																						
sp		X			X	X				X												
Amphistegina cubensis Palmer											X					cf			X	X		
lopez-trigoi Palmer								X	X		X		X		X	X	cf			X		
pinarensis Cushman and Bermudez												?			?							
sp					X			X				X	X			X			X		X	X
Helicostegina sp									?	X							X					
Carpenteria americana Cushman																						
sp													X									
Lepidocyclina (*Polylepidina*) *antillea* Cushman	X															X						
chiapasensis Vaughan		X			X				X							X						
proteiformis Vaughan																						
(*Pliolepidina*) *ariana* Cole and Ponton																						
macdonaldi Cushman																						
peruviana Cushman	X	X	X																			
pustulosa (H. Douville)	X	cf																				
trinitatis (H. Douville)																						
tobleri (H. Douville) teratologica																						
L. aff. *L.* (*Lepidocyclina*) *meinzeri* Vaughan																						
(*Lepidocyclina*) *mortoni* Cushman																						
ocalana Cushman																						
psuedomarginata Cushman																						
waylandvaughani Cole																						
yurnagunensis Cushman																						
sp		X	X	X																		
Triplalepidina veracruziana Vaughan and Cole																						
Eulinderina guayabalensis regularis (Nuttall)					X			X	X							cf						
semiradiata Barker and Grimsdale								X	X								X					
sp		X				X				X						X						
Helicolepidina paucispira Barker and Grimsdale																						
Discocyclina (*Discocyclina*) *crassa* (Cushman)											X					X						
cubensis (Cushman)	cf										X					X			X		X	
sp	X		X	X	X	X		X		X						X			X	X	X	X
(*Asterocyclina*) *asterisca* (Guppy)																						
monticellensis Cole and Ponton									X	cf						X	X				X	?
subtaramellei (Cushman)											cf								X			
sp	X						X	X		X			X	X		X			X			X
Pseudophragmina (*Proporcyclina*) *advena* (Cushman)											cf											
cedarkeyensis Cole																	cf					
citrensis (Vaughan)																						
marginata (Cushman)											cf											
perkinsi (Vaughan)																						
tobleri Vaughan and Cole																						
(*Pseudophragmina*) sp																X						

	UPPER EOCENE																																
	San Luis formation																																
	Undifferentiated																																
	32	38	40	41	88	89	91	165	166	170	171	172	173	185	186	187	188	189	190	192	204	205	233	263	264	265	266	272	274	275	276	277	278
Dictyoconus americanus (Cushman)			X																	X		X											
sp.																											X					X	
Eodictyoconus cubensis (Cushman and Bermudez)	X		X	X	X		X						X	X	X	X		X		X	X	X			X			X	X	X		X	
Camerina vanderstorki (Rutten and Vermunt)														X																			
sp					X																												
Operculinoides kugleri Vaughan and Cole																																	
ocalanus (Cushman)					cf																			X									
ocalanus (Cushman) var. minor Barker																																	
trinitatensis (Nuttall)																																	
sp		X	X	X	X	X	X				X				X												X						
Amphistegina cubensis Palmer													cf								cf									cf			
lopez-trigoi Palmer																				X													
pinarensis Cushman and Bermudez																																	
sp																											X						
Helicostegina sp																																	
Carpenteria americana Cushman													X					X	X														
sp	X																								X								
Lepidocyclina (*Polylepidina*) *antillea* Cushman	X	X			X		X							X					X		X												
chiapasensis Vaughan																																	
proteiformis Vaughan													X											X									
(*Pliolepidina*) *ariana* Cole and Ponton																	X		X					X									
macdonaldi Cushman																																	X
peruviana Cushman							X							X		cf					X												
pustulosa (H. Douville)	X	X				X	X					X		X		X	X		X		X				X	X					X		
trinitatis (H. Douville)															X	X		X								X			X				
tobleri (H. Douville) teratologica																cf																	
L. aff. *L.* (*Lepidocyclina*) *meinzeri* Vaughan	X		X										X						X														
(*Lepidocyclina*) *mortoni* Cushman			X										X					X	X						cf								
ocalana Cushman									X			X	X	X										X		X					X		X
psuedomarginata Cushman																															X		
waylandvaughani Cole																																	
yurnagunensis Cushman																																	
sp			X	X		X		X	X	X						X	X											X		X	X	X	
Triplalepidina veracruziana Vaughan and Cole																								X									
Eulinderina guayabalensis regularis (Nuttall)																					X												
semiradiata Barker and Grimsdale							cf																										
sp																																	
Helicolepidina paucispira Barker and Grimsdale	X																																
Discocyclina (*Discocyclina*) *crassa* (Cushman)																																	
cubensis (Cushman)																																	
sp	X	X					X	X														X	X		X			X	X				
(*Asterocyclina*) *asterisca* (Guppy)																																	X
monticellensis Cole and Ponton																																	
subtaramellei (Cushman)																																	
sp								X						X													X		X		X		
Pseudophragmina (*Proporcyclina*) *advena* (Cushman)																																	
cedarkeyensis Cole																																	
citrensis (Vaughan)					X																												
marginata (Cushman)																																	
perkinsi (Vaughan)																						X											
tobleri Vaughan and Cole																																	
(*Pseudophragmina*) sp																	X		X		X		X										

	UPPER EOCENE															
	San Luis formation															
	Camarones conglomerate member															
	151	152	155	157	160	161	178	180	181	199	200	206	207	208	209	210
Dictyoconus americanus (Cushman)															X	
sp.																
Eodictyoconus cubensis (Cushman and Bermudez)																
Camerina vanderstorki (Rutten and Vermunt)			X	X												
sp					X						X					
Operculinoides kugleri Vaughan and Cole																cf
ocalanus (Cushman)				X												
ocalanus (Cushman) var. minor Barker																
trinitatensis (Nuttall)					X											
sp	X	X							?	X	X					
Amphistegina cubensis Palmer																
lopez-trigoi Palmer																
pinarensis Cushman and Bermudez																
sp									X							
Helicostegina sp																
Carpenteria americana Cushman																
sp																
Lepidocyclina (*Polylepidina*) *antillea* Cushman			X													
chiapasensis Vaughan																
proteiformis Vaughan																
(*Pliolepidina*) *ariana* Cole and Ponton			cf													
macdonaldi Cushman				X									X			
peruviana Cushman																
pustulosa (H. Douville)	X	X		X								cf		cf		
trinitatis (H. Douville)	X															
tobleri (H. Douville) teratologica				X												
L. aff. *L.* (*Lepidocyclina*) *meinzeri* Vaughan																
(*Lepidocyclina*) *mortoni* Cushman																
ocalana Cushman	X															
psuedomarginata Cushman							cf									
waylandvaughani Cole																cf
yurnagunensis Cushman		cf											cf			
sp			X	X	X	X		X	X		X	X		X		X
Triplalepidina veracruziana Vaughan and Cole																
Eulinderina guayabalensis regularis (Nuttall)																
semiradiata Barker and Grimsdale																
sp																
Helicolepidina paucispira Barker and Grimsdale																
Discocyclina (*Discocyclina*) *crassa* (Cushman)																
cubensis (Cushman)																
sp									X							
(*Asterocyclina*) *asterisca* (Guppy)																
monticellensis Cole and Ponton																
subtaramellei (Cushman)																
sp																
Pseudophragmina (*Proporcyclina*) *advena* (Cushman)																
cedarkeyensis Cole																
citrensis (Vaughan)																
marginata (Cushman)																
perkinsi (Vaughan)																
tobleri Vaughan and Cole							X									X
(*Pseudophragmina*) sp																X