

TABLE 1.—*Eocene fossils from the Avenal sandstone of Reef Ridge*

BIVALVES									
bra? cf. A. viticola (Anderson and Hanna) [as Macoma].									
cilia decisa (Conrad) Schenck.									
chadiontes cf. B. cowlitzensis Weaver and Palmer [as Modiolus]									
clarkiana n. sp.?									
Dorbula capayana? Vokes.									
Dorbula cf. C. cliffensis M. Hanna.		x							
Dorbula aff. C. hornii Gabb.									
Dorbula eupariis.		x	e	x	?		e	?	
Drassatella uvasana cf. C. uvasana mathewsonii Gabb.		d							
Echinella? cf. C. ? bunkeri (M. Hanna) [as Dosinia].									
Echinella elevata (Gabb) [as Dosinia].									
Echinella cf. E. latus Gabb.									
Echinops alexi Clark.	x								
Gari cowlitzensis (Weaver and Palmer) [as Psammobia].			x				x		
Gari cf. G. hornii (Gabb) [as Tellina].			cf						
Glycymeris cf. G. fresnoensis Dickerson.									
Glycymeris perrini Dickerson.			x	x			x	x	
Glycymeris sagittata (Gabb) [as Axinea].									
Lacuna taffana Dickerson.									
Lacuna cf. L. aragonia Turner.									
Macrocallista (Costacallista) cf. M. hornii (Gabb) [as Meretrix].									
Microcallista teolettensis (M. Hanna) [as Macrocallista].				x			s	c	
Miltha cf. M. packi (Dickerson) [as Lucina].									
Miltha (Eomiltha?) cf. M. (E.?) gyrata (Gabb) [as Lucina].						d			
Nemocardium lineum (Conrad) [as Cardium].		x	x		x	x	e	?	
Ostraea idriaensis Gabb.									
Ostraea cf. O. stewarti M. Hanna.									
Ostraea sp.			f	f					
Pecten? sp.									
Pitar cf. P. quadratus (Gabb) [as ?Tapes].									
Pitar? joaquinesis Vokes.				e			x		
Pitar (Calpitaria) californianus avenalensis Vokes.				os					
Pitar (Calpitaria) uvasanus kelloggi M. Hanna [as Antigona].				os					
Plagiocardium (Schedocardia) breweri (Gabb) [as Cardium].				i					
Pseudorissoulodon woodfordi (M. Hanna) [as Barbatia].			x						
Rteris pellucida (Gabb) [as Arctica].			s						
Saccula gabbii (Gabb) [as Leda].			x	s					
Semele sp.									
Septifer dichotomus (Cooper) [as Mytilus].									
Solema (Eosolen) sp.									
Solenid sp.									
Spisula merriami Packard.		x	x	d					
Spondylus carlosensis Anderson.									
Taras politus uniusulatus Vokes.									
Tellina cf. T. longa Gabb.									
"Tellina" cf. "T." remondii Gabb.									
Teredo? tubes sp.									
Fivela cf. T. kelloggensis Clark and Woodford.									
Fivela cf. T. packard? Dickerson.			f	x					
Trachycardium (Agnocardia) cf. T. (A.) sorrentoense (M. Hanna) [as Cardium].			x						
Venericardia garzonsensis (M. Hanna) [as Cardita].									
Venericardia (Venericor) aragonia emileyi (Vokes) [as Megacardita].									
GASTROPODS									
Aldersospira cf. A. hornii (Gabb) [as Bulla].									
Agarona mathewsonii (Gabb) [as Olivella].									
Akersia evoluta (Waring) [as Tornatina].									
Amaurellina lajollaisensis Stewart.		ep							
Amaurellina lajollaisensis garzaensis Vokes.									
Amaurellina (Euspirocerommium?) clarki Stewart.									
Amblyacrum? n. sp.		x	i	f			x		
Anella (Spiranella) cf. A. (S). gabbi Cossmann.		x	x						
Architectonica (Stellaxis) cognata Gabb.									
Architectonica (Grosularium) n. sp.									
Architectonica (Climacopoma) sp.									
Bittium alternatum (Gabb) [as Cerithiopsis].									
Bonellitia (Admetula) paucivaricata (Gabb) [as Tritonium].									
Calyptrea diegoana (Conrad) [as Trochita].		s	x						
Catenotoma (Crenaturricula) domingica (Vokes) [as Fusiturricula].									
Conus cf. C. calcocius Vokes.			i						
Conus hornii umpquaensis "Hendon" Turner.									
Coronia? stocki (Dickerson) [as Turris].									
Costulofusus? n. sp.									
Cryptochorda californica (Cooper) [as Ancilla].									
Cylichnina tantilla (Anderson and Hanna) [as Cylichnella].			s	x	e				
Cyprea cf. C. castacensis Stewart.									
Cyprea mathewsonii Gabb.									
Echinochilus macilentus (White) [as Rimella].		x	x	e	f				
Euspira muelfortis (Gabb) n. var. [as Lunatia].									
Exilis aff. E. microptygma (Gabb).									
Exilis ucalia Vokes.									
Falsifusus? ucalius (Vokes) [as Fusinus].			x						
Ficopeis packardi Merriam and Turner.		x	x						
Ficopeis crescentensis Weaver and Palmer.		x	x						
Fusinitra californica (Conrad) n. var. [as Clavatula].									
Fusinitra? n. sp.									
"Fusinus" teglandae M. Hanna.									
Galeodaria cf. G. tuberculata (Gabb) [as Morio] [high spire].			x	f					
Gibberula cf. G. hulni (Vokes) [as Marginella].									
Globularia (Ecocernina) hannibali (Dickerson) n. var. [as Natica].		x	x	x	c	os		x	
Gyrineum cf. G. californicum (Gabb) [as Tritonium].									
Gyrineum? sp.			s	s					
Kellostoma? cf. K.? californicum Vokes.									
Leiorhinus? reedi n. sp.									
Lyria (Oreochelus) andersoni Waring.			x	x					
Megistostoma gabbanum (Stoliczka) [as Bullaea].			e	x					
"Mitra" cf. "M." cretacea Gabb.									
Molopophorus antiquatus (Gabb) [as Nassaa].									
Molopophorus antiquatus (Gabb) [as Nassaa].									
Moniliopsis (Domenginella) cf. M. (D.) claytonensis (Gabb) [as Turris].									
Murex cf. M. eosensis Turner.									
Neverita globosa Gabb.									
Neverita globosa reeffensis Vokes.									
Niso polita Gabb.									
Odotostoma? insignifica Anderson and Hanna.									
Olequahia hornii domingica (Vokes) [as Ranella].									
Orthosureula cooperi (Dickerson) [as Drillia].									
Perissolax cf. P. blakei (Conrad) [as Busycon?].			x	x					
Personella cf. P. bilineata (Dickerson) [as Fasciolaria].			si	x					
Platyoptera n. sp.									
Pleurofusua raiocostata fresnoensis (Arnold) [as Pleurotoma].									
Pleurofusua raiocostata cf. P. raiocostata clarki (Dickerson) [as Sureula].									
Pleurofusua? traski (Vokes) [as Eopleurotoma?].									
"Pleurotoma" cf. P. guibersoni Arnold.									
Polonices aff. P. gesteri (Dickerson) [as Natica].									
Pseudoliva lineata Gabb.									
Ranellina pilsbryi Stewart.									
Scaphander (Mirasapha) costatus (Gabb) [as Cylichna].									
Semileptus? (Kleinella) moodyi (Dickerson) [as Acteon].									
Sium obliquum (Gabb) [as Natica].									
Serpulorbis? sp. a (locality 4617).									
Solariella? n. sp.									
Spirogyphus? tejonensis Arnold.									
Sureula cf. S. praetenuata Gabb.									
Sureulites mathewsonii (Gabb) [as Fusus].									
Terebelum cf. T. erraticum (Cooper) [as Tornatina].									
Terebra n. sp.									
Terebrifusus parsoni (Dickerson) [as Mitramorpha].									
Terebrifusus? n. sp.									
Tornatellaea cf. T. ross M. Hanna.									
Turritella buwaldana Dickerson.									
Turritella andersoni lawsoni Dickerson.									
Turritella uvasana Conrad.									
Umpquaia cf. U. flangella Vokes.									
Volutoecia (Volutoecina) cf. V. (V.) lawsoni (Dickerson) [as Voluta].									
Xenophora stocki Dickerson.									
SCAPHOPODS									
Dentalium cf. D. calafium Vokes.									
Dentalium straminium Gabb.									
Cadulus cf. C. gabbi Pilsbry and Sharp.									
CERPHALOPDS									
Nautiloid, undetermined.									
FORAMINIFERS (LARGE FORMS)									
Disocyclina clarki (Cushman) [as Orthophragmina].									
CORALS									
Antilloseris? vaughani Wells.			x	x	ff				
Disotrochus californicus Wells.									
Turbinolia?, fragment.									
ECHINOIDS									
Spatangid, fragment ?.				x					
NOT FULLY IDENTIFIED									
Bryozoans.			x						
Crab, fragment.									
Shark tooth, fragment.									