

U.S. Department of the Interior U.S. Geological Survey

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Open-File Report 2011–1274 Plate 14 of 18

			Mollusca	Mollusca: Bivalvia												Mollusca: Scaphopoda Arthropoda: Crustacea Echinoidea																												
Stratigraphic unit	ield number	Jepth, in meters	ndeterminate mollusk fragments Inadara prelabiata (Grant and Gale)	Nnomia peruviana Orbigny Irgopecten ventricosus (Sowerby)	sarnea subtruncata (Sowerby) ardiidae, indeterminate, cf. <i>Trachycardium</i> sp.	thione sp.	rassinella pacifica (Adams) Yathodonta pedroana Dall	liplodonta sericata (Reeve) Jonax californicus Conrad	Ionax gouldii Dall Ikcymeris septentrionalis Middendorff	uliacorbula luteola (Carpenter) ellia? sp.	aevicardium substriatum (Conrad) eptopecten latiauratus (Conrad)	ucinidae, indeterminate ucinisca nuttalli Conrad	Nacoma indentata Carpenter Nactrotoma nasuta Gould?	Nactridae, indeterminatee Vucula exigua Sowerby	luculana sp. Istrea sp.	Parvilucina approximata (Dall) Pandora? sp.	ectinidae, indeterminate	eriploma planiusculum Sowerby etricola? sp.	Petricolaria cognata (Adams)? Pemele sp.	iiliqua sp. Olen? sp.	agelus sp.	'ellina sp. 'rachycardium panamense (Sowerby)	<i>ivela?</i> sp. <i>'oldia cooperi</i> Gabb	I <i>cteocina</i> cf. <i>A. culcitella</i> (Gould) Nia carinata (Hinds)	aecum sp. aesia fossatus (Gould)	'allianax baetica (Carpenter)	allianax biplicata (Sowerby) erithidea californica (Haldeman)	onidae, indeterminate conus californicus Reeve	replaula coel belly repipatella sp.	pitonium sp.	ilobodrilla hemphilli (Stearns) Ilyptaesopus oldroydi (Arnold)	lalistylus pupoideus (Carpenter) aminoea vesicula (Gould)?	acuna unifasciana Carpenter	noblandin sp. Aelampus olivaceous Carpenter	Aitramorpha? sp. Jassarius tegula (Reeve)	<i>lassarius</i> sp. Iaticidae, indeterminate	Jeverita reclusiana (Deshayes) Icenebrina foveolata (Hinds)	Idostomia sp. Iictaxis punctocaelatus (Carpenter)	iolariella? sp. erebra danai Berry	urbonilla? sp.	rivia californiana (Gray) urridae, indeterminate	Jentalium neonexagonum Pilsbry and Sharp Jentalium sp.	<i>salanus?</i> sp. ndeterminate crab parts – fixed finger	Pendraster sp.
Dominguez	LBW1 4, C-1, 33 cm	6.4	X -		<u> </u>				<u> </u>			<u> </u>	<u> </u>								-				<u></u>	-	<u></u>		<u></u>							< Z	<u> </u>			-	<u> </u>		 B	- D
1	LBW1, 28, C-1, 135-140'	<41.1	Х -														Х				-					-			- -	-										-				-
	LBW1 140-145' shaker	<42.7	Х -			.		- -			- X		- -				-				-					-			- -	-							- -			-				-
	LBW1 30, C-1, 145-150'	<44.2	- -	sp		- c	f	- -	Χ -		Х -		- -				-				-					Х			- -	-							- -			-			Х -	X
	LBW1 145-150' shaker	<44.2									- X						-										X -		K -	-							- -			-		Х -		X
	LBW1 31, C-1, 150-155'	<45.7						- -	Χ -		- X		- -				-				-			- X		sp.			- -	-						 V	- -			-			Х -	X
	LBW1 150-155' shaker	<45.7	X -					- -	Χ -		 V		- -				-				-			v		sp.		S	p	-						- X	- -			-				X
	LBW1 32, C-1, 155-160' LBW1 155-160' shaker	<47.2 <47.2		2		·		- -	Χ -		- X		- -				-				-			- X		sp.	 v		- -	- V							-	 V		-			Х -	X
	LBW1, C-1, 0-22 cm	<47.2 47.2–47.5		•																													 V			 v		Х -		- ,	· -		 v	X
Pacific	LBW1 32, C-1, 8-9 cm	47.3																						<u> </u>																				
	LBW1 33, C-1, 0-30 cm	48.8–49.1																																										_
	LBW1 33, C-1, 0-46 cm	48.8–49.2								х х																																		Х
	LBW1 160-165' shaker	<48.8	Х -						Х -		- X						Χ				-			- X		Х		(f 1	(-										-			Χ -	X
	LBW1 33, C-1, 160-165'	<50.3		sp					Χ -		х х			- sp.			-				-			- X		Х		(f)	(-										-		Х -	Χ -	X
	LBW1 165-170' shaker	<50.3		•																									.															X
	LBW1 34, C-1, 56-77 m	50.8–51.1		•																				· '					.															X
	LBW1 170-180' shaker	<51.2		•																			•						.															Х
	LBW1 53, C-1, 11.5 cm	79.4																															-											-
I	LBW1 82, C-1, 32.5-44 cm LBW1 91, C-1, 18 cm	121.3–121.4																																										
	LBW1 92, C-1, 16 cm	129.6–129.8						''																																				
Harbor	LBW1 92, C-1, 8 cm	120.0-120.0																																					• •					
	LBW1 93, C-1, 5 cm	131.1																																										_
	LBW1 93, C-1, 55 cm	131.6		Х -													-				_					-				-										_				-
	LBW1 98, C-1, 14-17 cm	137.3											- X				-				-					-			- -	-										-				-

[Abundances are indicated as present (x) or absent (-). Questionable identifications (?), comparable identifications (aff.) are indicated. The environmental interpretations of each sample are indicated color. Immigrant species are also indicated by color.]

ΕΧΡΙ ΔΝΔΤΙΩ

Marine, probably shallow shelf (probably <20 m)

Taxa in red occur mainly south of the fossil locality (see Taxonomic notes)

Distribution of Macrofossils in the Long Beach #1 Core Site and Monitoring Well, Long Beach, California

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Kristin McDougall, John Hillhouse, Charles Powell, II, Shannon Mahan, Elmira Wan, and Andrei M. Sarna-Wojcicki 2012 Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the U.S. Government

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