

Table 5

Geographic ranges of Recent close relatives of Towsley fossils

Species	Santa Susana Mountains	Elsmere Canyon	North of San Gabriel fault
Shallow water species or species that range from shallow to moderate depth.			
Recent relatives extinct in latitude of Ventura, but now living farther south.			
<i>Turritella</i> cf. <i>T. gonostoma</i> var. <i>hemphilli</i> Applin	X		
<i>Bittium</i> cf. <i>B. asperum</i> Carpenter		X	
<i>Ostrea vespertina</i> Conrad	X		
<i>Miltha xantusi</i> Dall		X	
<i>Lucina excavata</i> Carpenter	X	X	
<i>Spisula hemphilli</i> (Dall)	X	X	
<i>Dosinia ponderosa</i> (Gray)	X	X	
<i>Amiantis callosa</i> (Conrad)	X	X	
Recent relatives living at or close to northern limits of their ranges at latitude of Ventura.			
<i>Neverita reclusiana</i> (Deshayes)	X	X	X
<i>Maxwellia gemma</i> (Sowerby)		X	
<i>Kelletia</i> cf. <i>K. kelletii</i> (Forbes)	X	X	
<i>Tellina idae</i> Dall	X	X	
<i>Apolymetis biangulata</i> (Carpenter)		X	
<i>Trachycardium quadragenarium</i> (Conrad)		X	X
Recent relatives extinct in latitude of Ventura, but now living farther north.			
<i>Mya truncata</i> Linne		X	
Recent relatives living at or close to southern limits of their ranges at latitude of Ventura.			
<i>Megasurcula</i> cf. <i>M. carpenteriana</i> (Gabb)	X	X	
Moderate depth and deep-water species.			
Recent relatives extinct in latitude of Ventura, but now living farther south.			
<i>Elaeocyma</i> aff. <i>E. empyrosia</i> (Dall)	X		
Recent relatives at or near the northern limits of their ranges at latitude of Ventura.			
<i>Eucrassatella</i> aff. <i>E. fluctuata</i> (Carpenter)			X
<i>Cyclocardia</i> aff. <i>C. barbarentis</i> (Stearns)	X		
Recent relatives extinct in latitude of Ventura, but now living farther north.			
<i>Cryptonatica aleutica?</i> Dall	X		
<i>Chlamys islandicus</i> var. <i>hindsii</i> (Carpenter)			X
<i>Macoma</i> cf. <i>M. calcarea</i> (Gmelin)	X		
Recent relatives at or near the southern limits of their ranges in the latitude of Ventura.			
<i>Calyptraea</i> cf. <i>C. fastigiata</i> Gould			X
<i>Fusitriton oregonensis</i> (Redfield)	X		
<i>Yoldia beringiana</i> (Dall)	X		
<i>Calpytogenia lasia</i> (Woodring)	X		

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