Table S1. Details of the 19 sites sampled by H. S. Colton in 1915-1922 and resampled by us in 2007

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Lot	Year	Site description	Exposure	N_{C}	N_{F}	Latitude	Longitude	Other ANSP lots
142335	1915	Goose March Cove, east shore near pond, Blue Hill Bay, Maine	Sheltered cove	57	25	44.2552051	-68.4037318	142370
142342	1915	Latty's Cove, Blue Hill Bay, Maine	Sheltered cove	88	25	44.2542943	-68.4183517	
142343	1915	Buckel Island, west side <i>Fucus</i> zone, Blue Hill Bay, Maine	Semiexposed shore	57	38	44.1802699	-68.4768424	
142344	1915	East side Buckel Island, Blue Hill Bay, Maine	Sheltered cove	51	33	44.1790321	-68.4740261	
142360	1915	Southwest Harbor, Stanley House Point, Mt. Desert Island, Maine	Sheltered cove	54	19	44.2668000	-68.2991000	142361, 142362, 142368
142363	1915	Gilpatricks Cove, West Point, Mt. Desert, Maine	Sheltered cove	55	29	44.2868287	-68.2909639	
142364	1915	Placentia Island, south end, Red Rocks, Maine	Semiexposed shore	53	28	44.2004144	-68.3328989	142386
142371	1915	Black Island, south end, west side of point, Blue Hill Bay, Maine	Semiexposed shore	50	25	44.1750000	-68.3539000	
142373	1915	Seal Harbor Cliffs halfway to Hunters Beach, Mount Desert, Maine	Exposed coast	50	45	44.2942172	-68.2301185	142372
142374	1915	Seal Harbor, Steamboat Wharf, Blue Hill Bay, Maine	Semiexposed shore	33	43	44.2826351	-68.4018562	
142376	1915	Salisbury Cove, south point, Frenchman's Bay, Maine	Sheltered cove	79	25	44.4320422	-68.2859914	
142385	?	Seal Cove, south side, Blue Hill Bay, Maine	Sheltered cove	51	50	44.2857372	-68.3976791	142379, 142387
142398	1922	Sea Wall, Mt Desert, Maine	Exposed coast	75	24	44.2469159	-68.3098012	
142404	1922	Great Gott Island, Head south side, Mt. Desert, Maine	Semiexposed shore	83	36	44.2004144	-68.3328989	
142405	1922	Great Gott Island, Head north side, Mt. Desert, Maine	Semiexposed shore	75	36	44.1627958	-68.4410794	14206
142407	1922	Black Island, east side, Mt. Desert, Maine	Semiexposed shore	40	25	44.1705000	-68.3413000	
142408		Black Island, east side, wharf, Mt. Desert, Maine	Semiexposed shore	45	25	44.1707000	-68.3400000	
142411	1922	Thomas Bay, south shore, Frenchmans Bay, Maine	Sheltered cove	63	25	44.4342403	-68.3338685	142412
142417	1922	Blue Hill Falls, Mt. Desert, Maine	Exposed coast	94	51	44.3739000	-68.5581000	

Colton's lots were deposited at the ANSP. ANSP lot number, year collected by Colton, and site description are provided for each collection together with the relative wave exposure and geographic coordinates of the paired location sampled in 2007. N_C represents the number of shells subsampled and measured from ANSP lots, and N_F represents the number of shells collected and measured in 2007. "Other ANSP lots" refers to lots collected at locations close the lot used; these lots were initially used as replicates nested within sites in analyses, although their inclusion did not affect the analyses, and thus they were not included.