

Appendix I. Individual nitrogen and carbon isotopic analyses of bivalves. Sample IDs are coded by location (Escudo de Veraguas, EV, Boca del Drago, BD, STRI Facility, SF, Bocas Town Marina, BM, Isla Popa, LCN, Punta Sumwood, CA, Bocas Town, BT, Rio Guarumo, LCS) and by sample material (gill, g, stomach, s, mantle, ma, and muscle, mu). Duplicates are averaged.

ID	# ID	$\delta^{15}\text{N}$ vs. Air	$\delta^{13}\text{C}$ vs. VPDB	ID	# ID	$\delta^{15}\text{N}$ vs. Air	$\delta^{13}\text{C}$ vs. VPDB	ID	ID #	$\delta^{15}\text{N}$ vs. Air	$\delta^{13}\text{C}$ vs. VPDB	
<i>Pinctada imbricata</i>				<i>Isognomon alatus</i>				<i>Brachidontes exustus</i>				
EV13-P-4-s	97	2.87	-17.43	SF13-I-4-s	219	3.78	-18.97	LCS13-Br-1-ma	200	3.56	-17.78	
EV13-P-3-s	96	2.98	-16.35	SF13-I-4-ma	220	4.28	-18.67	LCS13-Br-1-mu	201	3.68	-16.91	
EV13-P-4-mu	98	3.31	-15.86	SF13-I-4-mu	218	4.26	-17.68	LCS13-Br-5-ma	199	4.30	-20.02	
EV13-P-3-mu	95	3.14	-15.73	SF13-I-5-s	224	3.54	-18.96	LCN13-Br-3-ma	115	3.98	-20.17	
EV13-P-4-g	100	3.32	-17.96	SF13-I-5-g	225	4.48	-18.55	LCN13-Br-3-mu	116	3.93	-19.17	
EV13-P-2-mu	102	2.80	-16.73	SF13-I-5-ma	223	4.12	-18.43	LCN-13-Br-1-mu	113	3.68	-19.41	
EV13-P-2-g	104	3.44	-16.72	SF13-I-5-ma	223	4.17	-18.51	BD13-Br-2-mu	23	3.49	-18.53	
EV13-P-2-s	101	2.52	-17.60	SF13-I-4-g	221	4.60	-18.56	BD13-Br-2-ma	24	3.39	-20.06	
EV13-P-4-ma	99	3.15	-16.19	SF13-I-5-mu	222	3.99	-17.93	BD13-Br-2-mu	23	3.54	-18.26	
BD13-P-4-g	68	4.42	-17.65	BM13-I-4-ma	253	4.03	-19.45	BD13-Br-2-ma	24	3.26	-20.02	
BD13-P-4-ma	72	3.79	-17.51	BM13-I-4-g	252	4.43	-19.25	BD13-Br-3-mu	35	3.30	-18.59	
BD13-P-5-s	77	3.43	-18.79	BM13-I-2-mu	258	4.83	-18.09	BD13-Br-3-ma	59	3.11	-20.90	
SF13-P-5-g	207	5.25	-17.86	BM13-I-4-mu	250	4.08	-18.62	LCS13-Br-5-mu	198	3.99	-16.89	
SF13-P-5-ma	206	4.20	-17.79	BM13-I-2-g	259	4.70	-19.03			Average	3.63	-18.98
SF13-P-5-mu	209	4.45	-17.44	BM13-I-2-ma	261	4.39	-19.10			std dev	0.33	1.23
SF13-P-5-s	208	3.92	-18.57	BM13-I-2-s	260	3.48	-20.15					
SF13-P-2-g	236	4.61	-17.83	LCN13-I-4-ma	134	3.85	-19.95					
SF13-P-2-ma	237	4.07	-18.22	LCN13-I-4-s	133	3.20	-20.70					
SF13-P-2-mu	235	4.15	-17.42	LCN13-I-1-ma	138	4.06	-19.77					
SF13-P-2-s	234	4.03	-18.09	LCN13-I-1-s	139	3.40	-20.80					
BM13-P-5-mu	263	5.45	-17.64	LCN13-I-4-mu	131	4.01	-19.24					
BM13-P-5-s	265	3.73	-19.63	LCN13-I-4-g	132	3.78	-21.84					
BM13-P-5-ma	262	4.62	-18.97	LCN13-I-1-g	140	4.30	-17.68					
BM13-I-4-s	251	2.79	-20.12	LCN13-I-1-mu	141	3.98	-17.24					
BM13-P-5-g	264	5.07	-19.00	CA13-I-4-g	169	3.61	-17.45					
BM13-P-3-s	279	4.91	-18.87	CA13-I-4-s	168	2.85	-19.73					
BM13-P-3-mu	282	5.75	-19.23	CA13-I-3-mu	173	3.37	-16.73					
BM13-P-3--ma	281	5.49	-19.95	CA13-I-4-mu	170	3.24	-17.02					
BM13-P-3--g	280	5.93	-20.00	CA13-I-3-ma	174	3.33	-17.41					
LCN13-P-1-ma	109	3.49	-19.98	CA13-I-3-g	175	3.60	-17.44					
LCN13-P-2-s	122	3.02	-20.52	CA13-I-4-ma	171	3.41	-17.60					
LCN13-P-2-g	119	3.96	-19.94	CA13-I-3-s	172	2.83	-19.60					
LCN13-P-2-ma	121	3.71	-20.05	BD13-I-3-s	4	3.02	-19.23					
LCN13-P-1-s	111	3.74	-18.32	BD13-I-1-g	7	4.09	-18.60					
CA13-P-5-s	156	2.62	-19.55	BD13-P-3-g	8	4.49	-17.75					
CA13-P-5-mu	159	3.10	-16.97	BD13-I-2-s	13	3.40	-19.94					
CA13-P-5-ma	158	2.86	-17.30	BD13-I-2-ma	15	3.77	-19.32					
CA13-P-5-g	157	3.64	-17.40	BD13-I-2-g	16	3.81	-20.20					
CA13-P-4-s	177	3.22	-17.47	BD13-I-1-s	17	3.41	-19.30					
CA13-P-4-mu	179	3.89	-18.25	BD13-I-2-mu	18	3.41	-18.62					
CA13-P-4-ma	176	3.60	-16.71	BD13-I-1-mu	19	3.63	-17.97					
CA13-P-4-g	178	4.28	-18.58	BD13-I-1-ma	27	4.54	-19.10					
BD13-P-4-s	20	4.12	-17.72	BD13-I-1-g	7	4.05	-18.76					
BD13-P-5-g	21	3.29	-18.09	BD13-I-2-s	13	3.11	-20.11					
BD13-P-4-mu	25	3.66	-17.25	BD13-I-2-ma	15	3.67	-19.29					
BD13-P-3-s	60	3.49	-17.93	BD13-I-2-g	16	3.67	-20.07					
BD13-P-3-mu	65	3.83	-17.33	BD13-I-1-s	17	3.17	-19.19					
BD13-P-5-g	20	4.13	-17.80	BD13-I-2-mu	18	3.58	-18.69					
BD13-P-4-s	21	3.11	-18.09	BD13-I-1-mu	19	3.65	-17.94					
LCN13-P-1-mu	110	3.77	-17.42	BD13-I-2-ma	15	3.66	-17.29					
BT13-P-2-mu	46	4.04	-18.89	BD13-I-1-ma	27	4.56	-19.40					
BT-13-P-2-s	40	4.16	-19.89	BD13-I-2-s	39	2.85	-21.98					
BT13-P-2-mu	46	4.00	-18.91									
	Average	3.85	-18.14		Average	3.80	-18.90					
	std dev	0.79	1.16		std dev	0.50	1.14					