

S3 Table: The modern and museum specimens used for comparison. A size filter has been applied to the modern samples to select those within the same length and width range as the museum samples. “New” denotes samples from 2012 and “Old” denotes museum samples.

Sample	Species	Average thickness (μm)	Thickness standard deviation (μm)	Shell surface area (mm^2)	Weight (mg)	Volume of shell CaCO_3 (mm^3)	Shell density (mg mm^{-3})	Shell length (mm)	Shell width (mm)
New	<i>S. subula</i>	17.81	4.69	23.14	0.63	0.41	1.52	4.37	1.05
New	<i>S. subula</i>	21.52	4.91	NA	0.29	NA	NA	4.41	1.11
New	<i>S. subula</i>	19.53	5.71	42.14	NA	0.82	NA	4.42	1.05
New	<i>S. subula</i>	22.4	7.3	90.91	0.42	2.04	0.21	4.59	1.10
New	<i>S. subula</i>	20.15	5.11	54.57	0.45	1.10	0.40	4.81	1.16
New	<i>S. subula</i>	46.58	14.02	51.27	0.29	2.39	0.12	4.87	1.16
New	<i>S. subula</i>	21.61	6.78	81.29	NA	1.76	NA	4.90	1.12
New	<i>S. subula</i>	37.54	12.12	30.85	0.43	1.16	0.37	4.91	1.23
New	<i>S. subula</i>	23.9	6.01	54.34	0.42	1.30	0.33	4.92	1.16
New	<i>S. subula</i>	20.15	8.83	NA	0.53	NA	NA	5.12	1.18
New	<i>S. subula</i>	41.3	14.1	94.66	0.73	3.91	0.19	5.23	1.27
New	<i>S. subula</i>	22.38	5.38	NA	NA	NA	NA	5.25	1.24
New	<i>S. subula</i>	20.77	5.05	28.08	0.55	0.58	0.95	5.33	1.19
New	<i>S. subula</i>	39.22	8.73	33.1	0.45	1.30	0.35	5.42	1.30
New	<i>S. subula</i>	31.61	7.55	25.4	0.61	0.80	0.76	5.50	1.30
New	<i>S. subula</i>	52.67	19.54	34.51	0.50	1.82	0.27	5.51	1.35
New	<i>S. subula</i>	45.05	8.83	28.05	0.50	1.26	0.39	5.58	1.30
New	<i>S. subula</i>	29.54	6.91	38.1	0.67	1.13	0.59	5.58	1.32
New	<i>S. subula</i>	47.63	17.17	45.05	0.45	2.15	0.21	5.59	1.35
New	<i>S. subula</i>	54.54	22.35	48.61	0.55	2.65	0.21	5.63	1.32
New	<i>S. subula</i>	44.92	13.67	41.68	0.55	1.87	0.30	5.85	1.38
New	<i>S. subula</i>	58.1	20.59	52.02	0.62	3.02	0.21	5.87	1.32
New	<i>S. subula</i>	21.73	5.27	41.57	0.34	0.90	0.38	5.91	1.34
New	<i>S. subula</i>	21.36	5.22	NA	0.44	NA	NA	5.92	1.30
New	<i>S. subula</i>	52.43	20.56	90.55	0.67	4.75	0.14	5.94	1.45
New	<i>S. subula</i>	48.94	15.76	46.47	0.69	2.27	0.30	5.96	1.37
New	<i>S. subula</i>	44.56	16.02	47.31	0.66	2.11	0.31	5.98	1.36
New	<i>S. subula</i>	23.08	6.26	86.88	0.65	2.01	0.32	6.07	1.33
New	<i>S. subula</i>	42.25	14.15	77.69	0.51	3.28	0.15	6.09	1.43
New	<i>S. subula</i>	27.88	5.88	28.81	0.44	0.80	0.55	6.14	1.41
New	<i>S. subula</i>	22.61	5.27	48.92	0.43	1.11	0.39	6.63	1.44
Old	<i>S. subula</i>	42.13	10.34	56.82	0.26	2.39	0.11	4.14	1.02
Old	<i>S. subula</i>	46.71	14.23	75.39	0.76	3.52	0.22	4.88	1.22
Old	<i>S. subula</i>	29.31	5.62	26.23	0.52	0.77	0.68	5.30	1.27
Old	<i>S. subula</i>	48.52	10.58	31.96	0.70	1.55	0.45	5.31	1.36
Old	<i>S. subula</i>	39.51	7.86	26.22	NA	1.04	NA	5.38	1.38

Old	<i>S. subula</i>	28.77	6.86	29.75	0.58	0.86	0.67	5.51	1.33
Old	<i>S. subula</i>	44.66	12.49	39.42	0.55	1.76	0.31	5.52	1.31
Old	<i>S. subula</i>	48.36	9.42	29.61	NA	1.43	NA	5.55	1.30
Old	<i>S. subula</i>	47.17	16.72	34.64	0.47	1.63	0.29	5.58	1.28
Old	<i>S. subula</i>	29.26	6.07	24.09	0.49	0.70	0.69	5.62	1.32
Old	<i>S. subula</i>	42.74	9.73	39.69	0.48	1.70	0.28	5.65	1.30
Old	<i>S. subula</i>	40.14	10.91	36.92	0.47	1.48	0.31	5.68	1.34
Old	<i>S. subula</i>	46.34	14.1	36.42	0.47	1.69	0.28	5.71	1.32
Old	<i>S. subula</i>	37.43	10.7	35.72	0.50	1.34	0.38	5.72	1.37
Old	<i>S. subula</i>	48.72	13.23	40.09	0.63	1.95	0.32	5.80	1.34
Old	<i>S. subula</i>	34.23	9.43	32.15	NA	1.10	NA	5.81	1.42
Old	<i>S. subula</i>	40.68	12.93	41.95	0.63	1.71	0.37	5.87	1.33
Old	<i>S. subula</i>	40.53	14.88	50.02	0.64	2.03	0.32	5.87	1.41
Old	<i>S. subula</i>	30.78	7.4	25.14	0.42	0.77	0.54	5.90	1.38
Old	<i>S. subula</i>	42.75	9.99	31.25	0.48	1.34	0.36	5.91	1.39
Old	<i>S. subula</i>	27.93	6.67	34.03	0.58	0.95	0.61	5.94	1.39
Old	<i>S. subula</i>	37.72	8.42	41.89	0.62	1.58	0.39	6.15	1.47
Old	<i>S. subula</i>	40.37	10.7	46.28	0.70	1.87	0.37	6.38	1.42
Old	<i>S. subula</i>	52.64	23.85	61.56	0.66	3.24	0.20	6.49	1.49
Old	<i>S. subula</i>	46.18	17.17	78.1	0.72	3.61	0.20	6.50	1.50
Old	<i>S. subula</i>	42.63	9.41	30.72	0.44	1.31	0.34	6.61	1.49
Old	<i>S. subula</i>	37.58	10.88	42.34	0.27	1.59	0.17	6.64	1.56
New	<i>C. inflexa</i>	28.93	8.46	62.94	2.16	1.82	1.18	5.63	3.31
New	<i>C. inflexa</i>	30.51	7.99	64.27	2.14	1.96	1.09	5.46	3.93
New	<i>C. inflexa</i>	35.46	11.54	61.97	2.55	2.20	1.16	5.92	3.53
New	<i>C. inflexa</i>	27.25	7.77	59.98	1.84	1.63	1.12	5.59	3.69
New	<i>C. inflexa</i>	22.34	4.91	62.68	1.57	1.40	1.12	5.66	3.61
New	<i>C. inflexa</i>	30.6	7.96	67.99	2.54	2.08	1.22	5.80	3.73
New	<i>C. inflexa</i>	20.53	4.51	59.79	1.02	1.23	0.83	5.60	3.36
New	<i>C. inflexa</i>	19.06	4.55	61.73	NA	1.18	NA	5.73	3.89
New	<i>C. inflexa</i>	27.36	6.43	57.79	1.84	1.58	1.16	5.68	3.30
New	<i>C. inflexa</i>	20.43	4.34	55.04	1.12	1.12	1.00	5.52	3.41
New	<i>C. inflexa</i>	19.39	4.13	58.77	1.29	1.14	1.13	5.61	3.41
New	<i>C. inflexa</i>	19.35	4.86	54.27	NA	1.05	NA	5.27	3.89
New	<i>C. inflexa</i>	37.37	13.29	59.58	2.63	2.23	1.18	5.48	3.56
New	<i>C. inflexa</i>	21.23	6.39	67.63	1.98	1.44	1.38	5.78	3.39
New	<i>C. inflexa</i>	21.96	6.38	56.88	1.30	1.25	1.04	5.26	3.75
New	<i>C. inflexa</i>	36.29	13.48	52.49	2.66	1.90	1.40	5.58	4.62
New	<i>C. inflexa</i>	26.45	7.36	53.28	1.71	1.41	1.21	5.25	4.20
New	<i>C. inflexa</i>	47.69	21.61	81.13	3.93	3.87	1.02	5.85	4.73
Old	<i>C. inflexa</i>	22.68	8.75	64.97	1.78	1.47	1.21	5.79	4.16
Old	<i>C. inflexa</i>	22.3	7.66	NA	1.20	NA	NA	NA	NA
Old	<i>C. inflexa</i>	35.02	13.62	68.09	3.11	2.38	1.31	6.03	4.41
Old	<i>C. inflexa</i>	24.24	10.15	NA	NA	NA	NA	NA	4.06
Old	<i>C. inflexa</i>	35.66	13.39	67.85	3.06	2.42	1.26	6.10	4.43
Old	<i>C. inflexa</i>	26.86	9.26	58.77	1.93	1.58	1.22	5.38	3.99

Old	<i>C. inflexa</i>	29.45	11.5	55.94	1.96	1.65	1.19	5.34	4.08
Old	<i>C. inflexa</i>	24.51	9.75	50.47	1.59	1.24	1.29	5.25	3.58
Old	<i>C. inflexa</i>	25.8	9.03	68.15	1.80	1.76	1.02	6.08	4.31
Old	<i>C. inflexa</i>	27.83	11.16	54.17	NA	1.51	NA	5.40	3.84
Old	<i>C. inflexa</i>	36.43	13.73	52.07	2.17	1.90	1.14	5.23	4.04
Old	<i>C. inflexa</i>	40.16	14.65	65.23	3.37	2.62	1.28	6.14	4.59
Old	<i>C. inflexa</i>	27.28	9.92	56.82	1.85	1.55	1.19	5.57	3.95
Old	<i>C. inflexa</i>	34.18	12.32	58.76	2.52	2.01	1.25	5.58	4.40
Old	<i>C. inflexa</i>	35.61	14.16	71.35	3.07	2.54	1.21	6.04	4.38
Old	<i>C. inflexa</i>	22.78	6.58	64.61	1.65	1.47	1.12	5.40	4.29
Old	<i>C. inflexa</i>	27.42	9.48	62.34	1.97	1.71	1.15	5.65	4.13
Old	<i>C. inflexa</i>	34.46	15.59	73.44	3.14	2.53	1.24	6.22	4.79
Old	<i>C. inflexa</i>	33.44	15.26	57.13	2.36	1.91	1.23	5.19	4.02
Old	<i>C. inflexa</i>	21.3	6.72	60.79	1.63	1.29	1.26	5.59	4.11
Old	<i>C. inflexa</i>	36.34	15.72	59.89	2.74	2.18	1.26	5.53	4.16
Old	<i>C. inflexa</i>	20.51	9.96	49.39	1.46	1.01	1.44	4.91	3.30
Old	<i>C. inflexa</i>	30.48	12.29	63.63	2.44	1.94	1.26	5.78	3.93
Old	<i>C. inflexa</i>	25.24	7.71	62.69	2.35	1.58	1.49	5.48	3.88
Old	<i>C. inflexa</i>	27.82	8.66	63.48	3.68	1.77	2.09	5.45	4.25
Old	<i>C. inflexa</i>	24.26	7.76	59.19	1.79	1.44	1.25	5.81	3.98
Old	<i>C. inflexa</i>	28.61	8.62	57.22	2.04	1.64	1.25	5.53	4.24
Old	<i>C. inflexa</i>	33.24	13.34	60.69	2.76	2.02	1.37	5.97	3.80
Old	<i>C. inflexa</i>	26.58	12.4	55.87	2.22	1.49	1.50	5.31	4.10
Old	<i>C. inflexa</i>	30.83	14.89	51.98	3.10	1.60	1.93	5.09	NA