

Species	Mg/Ca mmol/mol	n	Sr/Ca mmol/mol	n	Phylum	Order	Family	Source
<i>Mytilus trossulus</i>	6.4	48	1.39	49	mollusca	mytilida	mytilidae	Klein et al., 1996
<i>Pinna nobilis</i>	23.8	107	1.15	107	mollusca	ostreida	pinnidae	Freitas et al., 2005
<i>Crassostrea gigas</i>	7.3	267	0.81	267	mollusca	ostreoida	ostreidae	Almeida et al., 1998
<i>Pecten maximus</i>	11.0	97	1.46	99	mollusca	pectinata	pectinidae	Freitas et al., 2006
<i>Asterias rubens</i>	119.4	41	2.45	41	echinodermata	forcipulatida	asteriidae	Iglikowska et al., 2018
<i>Crossaster papposus</i>	120.9	31	2.35	31	echinodermata	valvatida	solasteridae	Iglikowska et al., 2018
<i>Ctenodiscus crispatus</i>	127.4	34	2.54	34	echinodermata	paxillosida	stenodiscidae	Iglikowska et al., 2018
<i>Dendraster excentricus</i>	94.3	218	2.49	117	echinodermata	clypeasteroida	dendrasteridae	Pilkey & Hower, 1960
<i>Henricia sanguinolenta</i>	119.0	57	2.28	57	echinodermata	spinulosida	echinasteridae	Iglikowska et al., 2018
<i>Ophicantha bidentata</i>	106.9	20	2.51	20	echinodermata	ophiurida	ophicanthidae	Iglikowska et al., 2018
<i>Ophiocten sericeum</i>	77.5	10	2.44	10	echinodermata	ophiurida	ophiuridae	Iglikowska et al., 2018
<i>Ophiopholis aculeata</i>	107.2	107	2.48	107	echinodermata	ophiurida	ophiactidae	Iglikowska et al., 2018
<i>Ophiura albida</i>	99.8	9	2.17	9	echinodermata	ophiurida	ophiuridae	Iglikowska et al., 2018
<i>Ophiura robusta</i>	57.1	16	1.97	16	echinodermata	ophiurida	ophiuridae	Iglikowska et al., 2018
<i>Paracentrotus lividus</i>	111.0	76	2.99	76	echinodermata	camarodonta	parechinidae	Hermans et al., 2010
<i>Strongylocentrotus droebachiensis</i> (test)	68.3	41	2.39	41	echinodermata	camarodonta	strongylocentrotidae	Iglikowska et al., 2018
<i>Strongylocentrotus droebachiensis</i> (spines)	36.4	34	1.82	34	echinodermata	camarodonta	strongylocentrotidae	Iglikowska et al., 2018
<i>Neocrania anomala</i>	125.4	7	3.10	7	brachiopoda	craniida	craniidae	Brand et al., 2003
<i>Hispanirhynchia cornea</i>	10.0	8	1.09	8	brachiopoda	rhynchonellida	frieleiidae	Brand et al., 2003
<i>Neorhynchia profunda</i>	4.2	4	0.41	4	brachiopoda	rhynchonellida	frieleiidae	Brand et al., 2003
<i>Pajaudina atlantica</i>	79.3	6	2.10	6	brachiopoda	thecidea	thecideidae	Brand et al., 2003
<i>Thecidellina blochmanni</i>	69.8	6	1.92	6	brachiopoda	thecidea	thecidellinidae	Brand et al., 2003
<i>Compsoria suffusa</i>	13.0	4	1.21	4	brachiopoda	terebratulida	laqueidae	Brand et al., 2003
<i>Laqueus vancouveriensis</i>	7.5	4	1.55	4	brachiopoda	terebratulida	laqueidae	Brand et al., 2003
<i>Aerothyris macquariensis</i>	7.5	6	1.88	6	brachiopoda	terebratulida	terebratellidae	Brand et al., 2003
<i>Anacinetica cumingi</i>	5.5	16	1.55	16	brachiopoda	terebratulida	terebratellidae	Brand et al., 2003
<i>Magellania flavescens</i>	6.3	23	1.13	23	brachiopoda	terebratulida	terebratellidae	Brand et al., 2003
<i>Bouchardia rosea</i>	8.1	4	1.16	4	brachiopoda	terebratulida	bouchardiidae	Brand et al., 2003
<i>Terebratulina abyssicola</i>	15.5	4	1.39	4	brachiopoda	terebratulida	cancellothyridinae	Brand et al., 2003
<i>Terebratulina retusa</i>	15.3	12	1.45	12	brachiopoda	terebratulida	cancellothyridinae	Brand et al., 2003
<i>Terebratulina septentrionalis</i>	14.5	20	1.49	20	brachiopoda	terebratulida	cancellothyridinae	Brand et al., 2003
<i>Terebratulina transversa</i>	6.1	23	1.39	23	brachiopoda	terebratulida	cancellothyridinae	Brand et al., 2003
<i>Chlidonophora incerta</i>	10.3	1	1.26	1	brachiopoda	terebratulida	chlidonophoridae	Brand et al., 2003
<i>Dallina septigera</i>	13.1	8	1.22	8	brachiopoda	terebratulida	dallinidae	Brand et al., 2003
<i>Dallid gen. &amp; sp. nov.</i>	10.1	15	0.99	15	brachiopoda	terebratulida	dallinidae	Brand et al., 2003
<i>Abyssothyris wyvillei</i>	5.3	4	0.51	4	brachiopoda	terebratulida	dyscolliidae	Brand et al., 2003
<i>Argyrotheca bermudana</i>	33.0	3	1.66	3	brachiopoda	terebratulida	megathyrididae	Brand et al., 2003
<i>Argyrotheca cuneata</i>	34.0	4	1.38	4	brachiopoda	terebratulida	megathyrididae	Brand et al., 2003
<i>Argyrotheca lutea</i>	29.0	6	1.51	6	brachiopoda	terebratulida	megathyrididae	Brand et al., 2003
<i>Kraussina mercatori</i>	38.8	7	1.65	7	brachiopoda	terebratulida	kraussinidae	Brand et al., 2003
<i>Kraussina rubra</i>	8.7	12	1.28	12	brachiopoda	terebratulida	kraussinidae	Brand et al., 2003
<i>Megerlia truncata</i>	20.3	16	1.35	16	brachiopoda	terebratulida	kraussinidae	Brand et al., 2003
<i>Megerlina pisum</i>	12.1	5	1.19	5	brachiopoda	terebratulida	kraussinidae	Brand et al., 2003
<i>Megathiris detruncata</i>	27.9	3	1.37	3	brachiopoda	terebratulida	megathyrididae	Brand et al., 2003
<i>Gyrothyris mawsoni</i>	8.3	1	1.21	1	brachiopoda	terebratulida	terebratellidae	Brand et al., 2003
<i>Liothyrella uva</i>	22.5	1	1.96	1	brachiopoda	terebratulida	terebratellidae	Brand et al., 2003
<i>Neothyris lenticularis</i>	11.1	6	1.25	6	brachiopoda	terebratulida	terebratellidae	Brand et al., 2003
<i>Terebratella sanguinea</i>	5.6	2	1.26	2	brachiopoda	terebratulida	terebratellidae	Brand et al., 2003

<i>Gryphus vitreus</i>	8.6	8	0.98	8	brachiopoda	terebratulida	terebratulidae	Brand et al., 2003
<i>Tichosina floridensis</i>	6.7	2	0.77	2	brachiopoda	terebratulida	terebratulidae	Brand et al., 2003
<i>Macandrevia tenera</i>	16.1	10	1.26	10	brachiopoda	terebratulida	zeillerioidea	Brand et al., 2003
terebratulid, new gen. & sp.	5.6	4	0.60	4	brachiopoda	terebratulida		Brand et al., 2003
<i>Globigerinoides rubra</i>	4.4	3	1.72	3	foraminifera	rotaliida	globigerinidae	Delaney et al., 1985
<i>Globigerinoides sacculifera</i>	4.8	44	1.38	50	foraminifera	rotaliida	globigerinidae	Delaney et al., 1985
<i>Neogloboquadrina dutertrei</i>	2.1	3	1.39	3	foraminifera	rotaliida	globigerinidae	Delaney et al., 1985
<i>Orbulina universa</i>	9.1	12	1.29	12	foraminifera	rotaliida	globigerinidae	Delaney et al., 1985
<i>Globorotalia menardii</i>	2.5	11	1.40	11	foraminifera	rotaliida	globirotaliidae	Delaney et al., 1985
<i>Globorotalia truncatulinoides</i>	2.6	1	1.69	1	foraminifera	rotaliida	globirotaliidae	Delaney et al., 1985
<i>Cibicides pachyderma</i>	1.6	2	1.47	1	foraminifera	rotaliida	cibicididae	Rathburn & De Dekker, 1997
<i>Cibicides refulgens</i>	1.7	11	1.16	11	foraminifera	rotaliida	cibicididae	Rathburn & De Dekker, 1997
<i>Cibicides wuellerstorfi</i>	2.7	45	1.26	44	foraminifera	rotaliida	cibicididae	Rathburn & De Dekker, 1997
<i>Cibicoides mundulus</i>	2.6	5	1.54	5	foraminifera	rotaliida	anomalinidae	Rathburn & De Dekker, 1997
<i>Siphouvigerina proboscidea</i>	3.7	2	1.30	2	foraminifera	rotaliida	uvigerinidae	Rathburn & De Dekker, 1997
<i>Trifarina angulosa</i>	1.9	13	0.92	13	foraminifera	rotaliida	uvigerinidae	Rathburn & De Dekker, 1997
<i>Uvigerina peregrina</i>	2.0	3	1.00	3	foraminifera	rotaliida	uvigerinidae	Rathburn & De Dekker, 1997
<i>Amphiroa rigida</i>	275.8	17	3.74	17	rhodophyta	corallinales	corallinaceae	Carpenter & Lohmann, 1992
<i>Neogoniolithon</i> sp.	213.8	6	3.44	6	rhodophyta	corallinales	corallinaceae	Carpenter & Lohmann, 1992
<i>Bugula neritina</i>	124.6	6	3.14	6	bryozoa	cheilostomatida	bugulidae	Carpenter & Lohmann, 1992
<i>Bugulina simplex</i>	120.6	4	3.15	4	bryozoa	cheilostomatida	bugulidae	Schopf & Manheim, 1967
<i>Eucratea loricata</i>	121.0	2	3.15	2	bryozoa	cheilostomatida	eucratidae	Schopf & Manheim, 1967
<i>Exidmonea atlantica</i>	56.6	1	4.40	1	bryozoa	cyclostomatida	tubuliporidae	Schopf & Manheim, 1967
<i>Flustra foliacea</i>	88.3	1	2.88	1	bryozoa	cheilostomatida	flustridae	Schopf & Manheim, 1967
<i>Porella smitti</i>	103.0	1	3.36	1	bryozoa	cheilostomatida	bryocryptellidae	Schopf & Manheim, 1967
<i>Tubulipora liliacea</i>	51.1	2	3.57	2	bryozoa	cyclostomatida	tubuliporidae	Schopf & Manheim, 1967
<i>Cyprideis australiensis</i> †	19.0	9	3.55	9	arthropoda	popocopida	cytherideidae	DeDekker et al., 1999
<i>Krithe glacialis</i>	10.3	162	3.24	162	arthropoda	popocopida	krithidae	Cronin et al., 1996
<i>Krithe minima</i>	15.5	2	3.40	2	arthropoda	popocopida	krithidae	Cronin et al., 1996
<i>Loxoconcha matagordensis</i>	37.0	19	4.38	19	arthropoda	popocopida	Loxoconchidae	Vann et al., 2004
<i>Cancer pagurus</i>	118.0	2	5.89	2	arthropoda	decapoda	cancriidae	Gibbs & Bryan, 1972
<i>Carcinus maenas</i>	88.0	10	6.22	10	arthropoda	decapoda	cancriidae	Gibbs & Bryan, 1972
<i>Geograpsus lividus</i>	156.0	1	5.66	1	arthropoda	decapoda	grapsidae	Gibbs & Bryan, 1972
<i>Grapsus grapsus</i>	144.0	1	6.16	1	arthropoda	decapoda	grapsidae	Gibbs & Bryan, 1972
<i>Liocarcinus depurator</i>	80.0	1	5.67	1	arthropoda	decapoda	polybiidae	Gibbs & Bryan, 1972
<i>Minuca burgersi</i>	119.0	16	6.63*	16	arthropoda	decapoda	ocupodidae	Gibbs & Bryan, 1972
<i>Dosima exoleta</i>	25.4	10	4.08	10	arthropoda	lepadiformes	lepadidae	this study
<i>Dosima fascicularis</i>	28.8	30	3.89	30	arthropoda	lepadiformes	lepadidae	this study
<i>Lepas anatifera</i>	26.9	30	5.22	30	arthropoda	lepadiformes	lepadidae	this study
<i>Lepas anserifera</i>	34.6	30	4.63	30	arthropoda	lepadiformes	lepadidae	this study
<i>Lepas pectinata</i>	23.6	10	4.84	10	arthropoda	lepadiformes	lepadidae	this study
<i>Calantica spinosa</i>	29.3	25	4.88	25	arthropoda	scalpelliformes	calanticidae	this study
<i>Calantica villosa</i>	48.0	10	3.50	10	arthropoda	scalpelliformes	calanticidae	this study
<i>Capitulum mitella</i>	88.3	25	3.74	25	arthropoda	scalpelliformes	calanticidae	this study
<i>Pollicipes polymerus</i>	28.8	40	4.94	40	arthropoda	scalpelliformes	pollicipedidae	this study

<i>Amigdoscalpellum sp.</i>	26.2	10	3.53	10	arthropoda	scalpelliformes	scalpellidae	this study
<i>Amigdoscalpellum rigidum</i>	33.8	10	3.02	10	arthropoda	scalpelliformes	scalpellidae	this study
<i>Arcoscalpellum sociabile</i>	25.3	25	4.17	25	arthropoda	scalpelliformes	scalpellidae	this study
<i>Neoscalpellum sp.</i>	33.9	10	3.26	10	arthropoda	scalpelliformes	scalpellidae	this study
<i>Scalpellum scalpellum</i>	17.8	10	4.55	10	arthropoda	scalpelliformes	scalpellidae	this study
<i>Scalpellum stearnsi</i>	16.4	10	4.27	10	arthropoda	scalpelliformes	scalpellidae	this study
<i>Solidobalanus falax</i>	22.5	25	4.79	25	arthropoda	balaniformes	archaeobalanidae	this study
<i>Striatobalanus amaryllis</i>	24.9	60	4.58	60	arthropoda	balaniformes	archaeobalanidae	this study
<i>Semibalanus balanoides</i>	18.7	121	4.17	121	arthropoda	balaniformes	archaeobalanidae	this study
<i>Amphibalanus amphitrite</i>	25.8	30	4.64	30	arthropoda	balaniformes	balanidae	this study
<i>Amphibalanus eburneus</i>	28.4	30	4.64	30	arthropoda	balaniformes	balanidae	this study
<i>Amphibalanus improvisus</i>	20.3	60	4.20	60	arthropoda	balaniformes	balanidae	this study
<i>Amphibalanus variegatus</i>	27.9	30	4.75	30	arthropoda	balaniformes	balanidae	this study
<i>Balanus balanus</i>	15.8	30	3.88	30	arthropoda	balaniformes	balanidae	this study
<i>Balanus concavus</i>	25.6	25	4.21	25	arthropoda	balaniformes	balanidae	this study
<i>Balanus crenatus</i>	14.2	30	4.30	30	arthropoda	balaniformes	balanidae	this study
<i>Balanus trigonus</i>	36.4	30	4.54	30	arthropoda	balaniformes	balanidae	this study
<i>Megabalanus sp.</i>	24.5	11	4.27	11	arthropoda	balaniformes	balanidae	this study
<i>Megabalanus tintinnabulum</i>	14.0	30	4.31	30	arthropoda	balaniformes	balanidae	this study
<i>Notomegabalanus algicola</i>	14.9	30	4.42	30	arthropoda	balaniformes	balanidae	this study
<i>Eochionelasmus ohtai</i>	25.3	10	3.24	10	arthropoda	balaniformes	chionelasmidae	this study
<i>Catomerus polymerus</i>	35.1	10	4.27	10	arthropoda	balaniformes	catophragmidae	this study
<i>Chamaesipho columna</i>	32.8	25	4.68	25	arthropoda	balaniformes	chthamalidae	this study
<i>Chthamalus fragilis</i>	25.5	28	4.56	28	arthropoda	balaniformes	chthamalidae	this study
<i>Chelonibia patula</i>	23.1	40	4.80	40	arthropoda	balaniformes	chelonibiidae	this study
<i>Chelonibia sp.</i>	32.6	22	4.34	22	arthropoda	balaniformes	chelonibiidae	this study
<i>Coronula diadema</i>	9.9	40	4.28	40	arthropoda	balaniformes	coronulidae	this study
<i>Bathylasma hirsutum</i>	28.1	21	3.55	21	arthropoda	balaniformes	bathylasmidae	this study
<i>Tesseropora sp.</i>	36.1	10	4.01	10	arthropoda	balaniformes	tetraclitidae	this study
<i>Tetraclitella japonica</i>	48.0	40	4.07	40	arthropoda	balaniformes	tetraclitidae	this study
<i>Yamaguchiella coerulescens</i>	31.7	30	4.66	30	arthropoda	balaniformes	tetraclitidae	this study
<i>Verruca stroemia</i>	43.3	25	4.01	25	arthropoda	verruciformes	verrucidae	this study
<i>Metaverruca recta</i>	46.6	10	2.73	10	arthropoda	verruciformes	verrucidae	this study

†: Only data for samples from marine waters taken into account

\*: recalculated to seawater Sr/Ca ratio of 8.54 mmol/mol according to linear relationship documented in Gibbs & Bryan, 1972.