Table 1 Average (±SE) conditions of carbonate system parameters during incubation of egg capsules and feeding experiments conducted with newly hatched veliger larvae of *C. concholepas* during the rearing period (June 2011 to April 2012): pH_T (total scale), total tlkalinity (TA in μmol kg^{-1}), partial pressure of CO_2 (levels of pCO_2 in seawater in μatm), carbonate ion concentration (CO_3^{2-} in μmol kg^{-1}), saturation states of the water with respect to aragonite minerals (Ω_{arag})

Exp	Species	Location	Date	Nominal CO_2 levels	Temperature (°C)	Salinity	pH_T	TA (μmol kg^{-1})	pCO_2 (μatm)	$[CO_3^{2-}]$ in situ (μmol kg^{-1})	Ω_{calc}	Ω_{arag}
I	*C. concholepas*	Antofagasta	20 June	400	10.9±0.3	33.0±0.1	8.015±.031	2158.4±24.3	410.1±22.0	117.7±7.3	2.8±0.2	1.8±0.1
	Veliger larvae			700	11.0±0.4	33.0±0.1	7.763±.030	2170.6±18.1	785.1±61.1	70.6±.5.8	1.7±0.1	1.1±0.1
				1,000	11.1±0.4	33.0±0.1	7.630±.061	2174.1±20.2	1098.1±13.3	53.7±7.4	1.3±0.2	0.8±0.1
II	*C. concholepas*	Antofagasta	02 Aug	400	11.1±1.0	31.5±1.9	8.015±.020	2132.5±112.1	410.1±22.1	113.4±11.0	2.8±0.3	1.7±0.2
	Veliger larvae			700	11.1±0.9	31.7±1.9	7.779±.031	2135.1±112.2	767.0±62.2	68.9±7.7	1.7±0.2	1.1±0.1
				1,000	11.2±0.9	31.9±1.8	7.624±.022	2148.3±106.4	1102.0±64.1	51.0±5.1	1.2±0.1	0.8±0.1
III	*C. concholepas*	Las Cruces	18 Oct	400	13.5±0.8	30.3±1.2	8.041±.021	2092.1±45.1	381.2±14.1	123.7±8.3	3.0±0.2	2.0±0.1
	Veliger larvae			700	13.4±0.7	30.3±1.2	7.797±.033	2085.1±54.2	712.6±48.2	74.6±5.3	1.8±0.1	1.2±0.1
				1,000	13.4±0.3	30.4±1.3	7.631±.020	2076.7±47.0	1067.7±68.1	52.5±3.8	1.3±0.1	0.9±0.1
IV	*C. concholepas*	Las Cruces	25 Jan	400	16.5±1.0	34.6±0.8	8.063±.021	2265.0±25.1	376.8±20.0	167.5±6.1	4.0±0.2	2.6±0.1
	Veliger larvae			700	16.4±1.0	34.1±0.7	7.822±.030	2269.4±20.3	716.8±56.0	103.5±6.0	2.5±0.2	1.6±0.1
				1,000	16.5±1.0	34.0±0.6	7.689±.041	2266.3±21.2	1006.0±99.1	78.6±7.1	1.9±0.2	1.2±0.1
V	*C. concholepas*	Calfuco	13 Apr	400	15.6±1.7	33.5±0.9	8.061±.021	2264.7±46.1	382.3±21.2	159.0±9.1	3.8±0.2	2.5±0.1
	Veliger larvae			700	15.6±1.7	33.5±0.9	7.823±.020	2268.5±40.2	718.2±74.1	99.3±8.2	2.4±0.2	1.5±0.1
				1,000	15.7±1.7	33.3±1.0	7.699±.041	2264.3±41.1	980.6±97.0	77.0±7.3	1.9±0.2	1.2±0.1
VI	*C. concholepas*	Calfuco	15 Apr	400	15.6±1.7	33.5±0.9	8.062±.020	2264.7±46.0	382.3±21.0	159.0±9.0	3.8±0.2	2.5±0.1
	Veliger larvae			700	15.6±1.7	33.5±0.9	7.821±.021	2268.5±40.0	718.2±74.0	99.3±8.1	2.4±0.2	1.5±0.1
				1,000	15.8±1.7	33.3±1.0	7.710±.041	2264.3±41.1	980.6±97.0	77.0±7.1	1.9±0.2	1.2±0.1

The different experimental CO_2 levels in the mesocosms and in rearing containers were achieved and maintained during the entire experimental period by active injection of mixed CO_2 and air. The experimental nominal treatments considered three different CO_2 levels: 400 ppm (present), 700 (year 2100*), and 1,000 (year 2200*). pH_T values are presented with three decimals according with the *Guide to best practices for ocean acidification research and data reporting*