Table S1. Final nutrient concentrations (μmol L^{-1}) and pH within nitrate-sufficient and nitrate-deficient experimental media. Values represent the means ± standard deviation (n = 3).

Strain	Parameter	Nitrate-sufficient			Nitrate-deficient		
		Control	*E. vannus*	*O. marina*	Control	*E. vannus*	*O. marina*
HN	NO_3+NO_2	552±26.16	549.73±39.1	546.9±22.2	0.85±0.15	0.67±0.09	0.61±0.29
	PO_4	35.42±1.29	31.17±2.32	31.27±3.35	35.06±1.60	32.98±4.46	35.83±1.37
	NH_4	0.11±0.04	0.09±0.02	0.07±0.01	0.06±0.02	0.07±0.03	-
	pH	8.08±0.06	8.13±0.04	8.14±0.03	8.12±0.09	8.14±0.01	8.19±0.05
PR	NO_3+NO_2	570.04±4.82	565.63±5.17	567.47±8.29	0.34±0.03	0.04±0.06	0.53±0.24
	PO_4	36.23±0.77	34.74±0.49	33.13±0.59	35.92±1.34	34.25±2.02	35.41±1.64
	NH_4	0.39±0.26	0.09±0.01	0.08±0.02	0.08±0.03	0.05±0.02	0.05±0.03
	pH	8.36±0.08	8.43±0.08	8.39±0.08	8.39±0.08	8.42±0.11	8.31±0.12
ST	NO_3+NO_2	562.12±8.53	562.08±2.93	556.03±10.06	0.63±0.21	0.61±0.36	0.47±0.17
	PO_4	35.93±0.63	33.04±4.77	35.78±1.69	36.99±1.49	36.70±1.92	34.86±3.12
	NH_4	0.31±0.19	0.27±0.01	0.33±0.03	0.07±0.02	0.06±0.04	0.08±0.03
	pH	8.16±0.07	8.14±0.06	8.11±0.08	8.27±0.04	8.18±0.09	8.18±0.05
ZJ	NO_3+NO_2	548.51±7.47	563.84±3.13	529.36±17.7	0.50±0.09	0.46±0.29	0.51±0.21
	PO_4	35.29±1.05	35.50±1.21	35.17±1.39	36.39±1.63	36.20±1.29	35.57±2.12
	NH_4	0.14±0.01	0.23±0.13	0.25±0.08	0.33±0.29	0.55±0.14	-
	pH	8.02±0.06	8.02±0.06	8.07±0.04	7.92±0.03	7.97±0.07	8.01±0.05

-, under detection limit.

Table S2. Final *P. globosa* solitary cell abundances (× 10^4 cells ml^{-1}) and grazer numbers (cells ml^{-1}) within experimental closures. Values represent the means ± standard deviation (n = 3).

Strain	Prey & grazers	Nitrate-sufficient			Nitrate-limitation		
		Control	*E. vannus*	*O. marina*	Control	*E. vannus*	*O. marina*
HN	Solitary cells	272.3±9.7	97.7±22.4*	75±13.5*	150±43.3	45.33±26.6*	34±28.4*
	Grazer	0	208±51.5	729.7±26.3	0	164.7±83.5	608.3±166.5
PR	Solitary cells	349±35.5	192.3±6.03*	128±6.3*	169.7±70.6	187.67±49.3	59.67±21.4*
	Grazer	0	81.33±24.5	731±55.4	0	3.9±0.5	601.7±114.1
ST	Solitary cells	270.3±62.7	109.7±27.6*	103±9.5*	204±20.1	76.67±28.1*	69.33±23.0*
	Grazer	0	87.33±31.5	910±143.1	0	47.7±20.1	509.3±57.4
ZJ	Solitary cells	251.3±22.6	49±10.6*	9±4.7*	180±16.1	50.7±21.1*	56.7±18.6*
	Grazer	0	214.3±26.5	730.7±106	0	133.3±24.1	608.4±78.7

Asterisks indicate significant ($p < 0.05$; one-way ANOVA) difference between control and grazing treatments.

Table S3. Final *P. globosa* cell abundance (solitary + colonial) and colony properties in the control outside experimental closures as influenced by nitrate availability. Values represent the means ± standard deviation (n=90 for colony diameter, n=3 for other variables).

Strain	Nitrate treatment	Total cell abundance ($\times 10^4$ cells ml^{-1})	Colony abundance (colonies ml^{-1})	Cells in colony form (%)	Colony diameter (µm)
HN	Sufficient	13.57±0.62	834.0±81.56	18.47±1.32	62.49±2.83
	Deficient	7.69±0.29*	295.0±37.16*	8.93±0.91*	53.04±2.95*
PR	Sufficient	13.74±1.02	918.0±131.0	19.95±1.45	62.82±6.49
	Deficient	8.58±0.63*	284.30±25.38*	6.03±0.39*	71.34±4.52*
ST	Sufficient	13.64±1.12	929.30±66.64	18.42±0.76	45.08±4.47
	Deficient	9.05±0.68*	123.0±11.36*	1.98±0.29*	45.83±3.57
ZJ	Sufficient	7.08±0.42	1395.0±52.01	47.23±2.06	62.56±3.56
	Deficient	3.03±0.19*	239.0±14.73*	15.90±1.69*	45.13±2.99*

Asterisks indicate significant ($p < 0.05$; t-test) difference between the two nitrate treatments.