Table S2   Results for the analysis of number of individuals among all study-design term levels.

Term	DF	DDF	*F*	P
Intercept	1	4	>1000	< 0.001
Sediment	1	4	0.7	0.439
Salinity	1	4	1.6	0.277
Cross	4	56	0.7	0.606
Maturity	2	56	48.8	< 0.001
Sediment:Salinity	1	4	4.8	0.095
Sediment:Cross	4	56	0.2	0.916
Salinity:Cross	4	56	0.2	0.932
Sediment:Maturity	2	56	0.5	0.632
Salinity:Maturity	2	56	0.1	0.888
Cross:Maturity	8	56	20.6	< 0.001
Sediment:Salinity:Cross	4	56	0.4	0.781
Sediment:Salinity:Maturity	2	56	2.9	0.061
Sediment:Cross:Maturity	8	56	1.5	0.181
Salinity:Cross:Maturity	8	56	0.8	0.577
Sediment:Salinity:Cross:Maturity	8	56	2.9	0.008

Comments: The response is log-transformed (Ln) number of individuals per *Cross*-by-*Maturity* level and tank. Interactions among terms are indicated by a colon. Given for each term are degrees of freedom (DF), denominator DF (DDF), *F*-statistic (*F*) and probability (P). Among-tank stratum variance was 0.0169 with 4 DF, residual stratum variance was 0.0725 with 56 DF.

P. V. Debes *et al.*