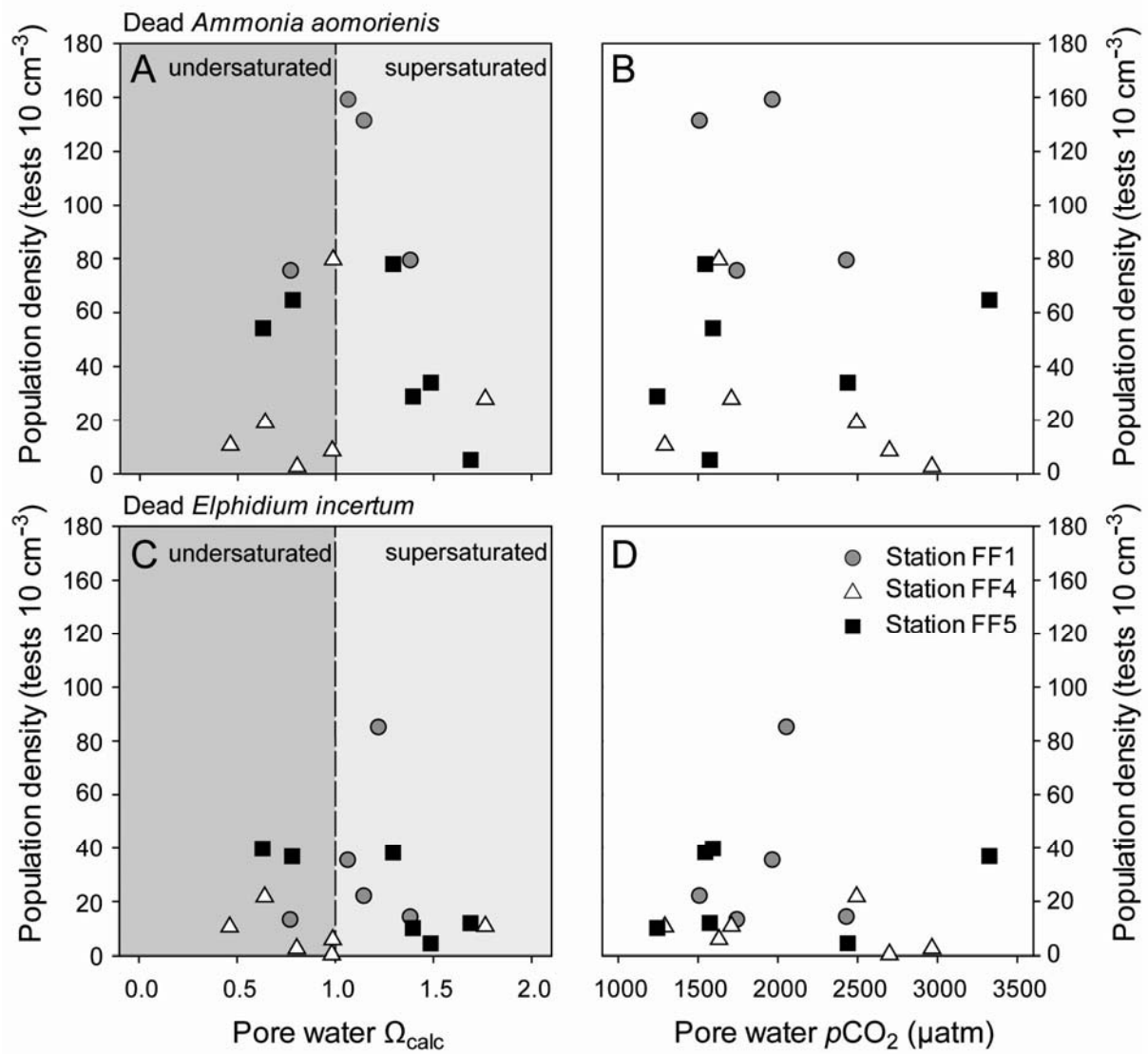


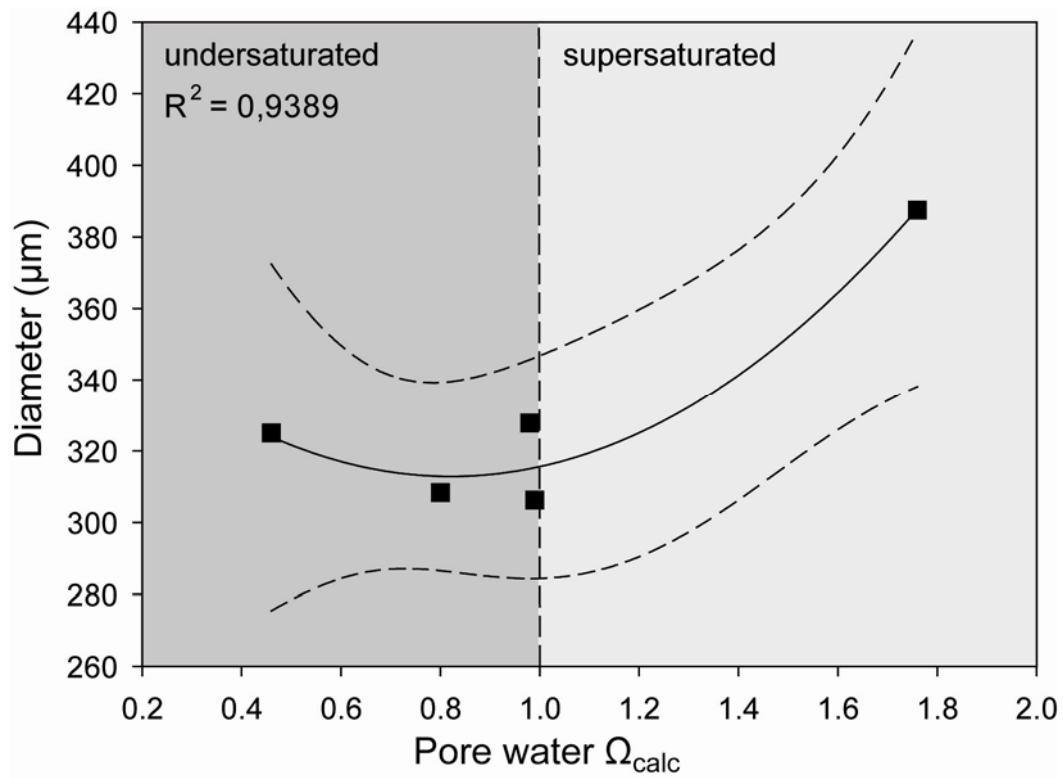
## Supplements

**Table 7.** Mean test diameter of living and dead *A. aomoriensis* from June 2009 to April 2010.

<i>A. aomoriensis</i>	Station	June [ $\mu\text{m}$ ]	August [ $\mu\text{m}$ ]	October [ $\mu\text{m}$ ]	December [ $\mu\text{m}$ ]	February [ $\mu\text{m}$ ]	April [ $\mu\text{m}$ ]
Living	FF1	415	393	385	378		392
	FF4	308	328	388	306	325	
	FF5	372	385	461	419	404	363
Dead	FF1	430	373	376	419		392
	FF4	400	269	375	308	369	357
	FF5	433	412	420	396	426	384



**Fig. 10.** Population density of dead *A.aomoriensis* (A and B) and *E. incertum* (C and D) vs. sediment pore water  $\Omega_{\text{calc}}$  (A and C) and  $p\text{CO}_2$  (B and D). The different symbols present stations FF1, FF4, and FF5 during the one year cycle.



**Fig. 11.** Mean test diameter of living *A. aomoriensis* at station FF4 from June 2009 to April 2010 in Flensburg Fjord. Solid lines = quadratic regression curve ( $f = y_0 + a \cdot x + b \cdot x^2$ ) of mean diameter; dashed lines = 95% CI.