

# Foamy oysters: vesicular microstructure production in the Gryphaeidae via emulsification

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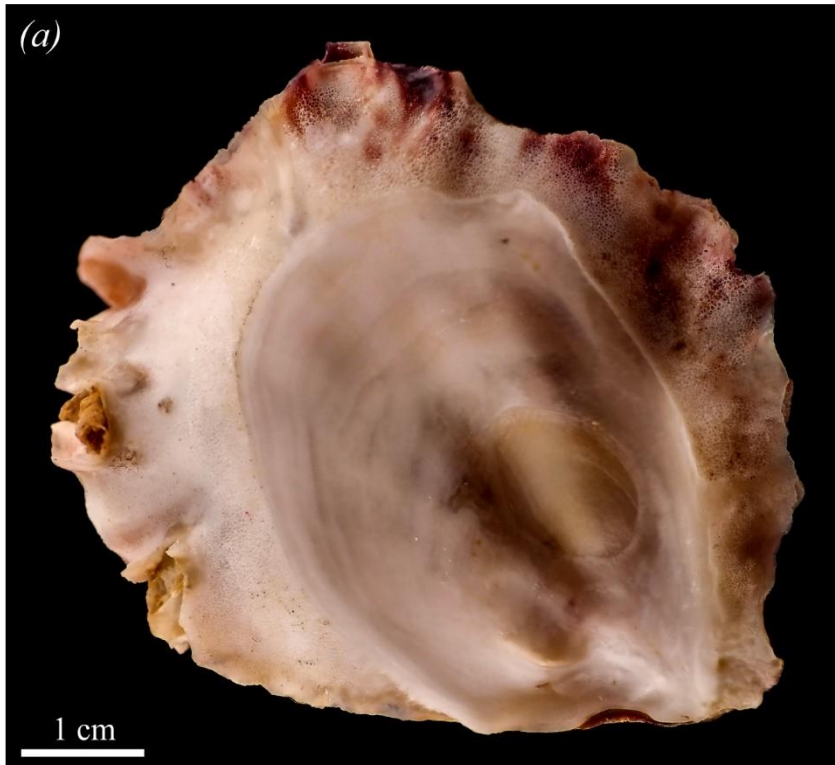
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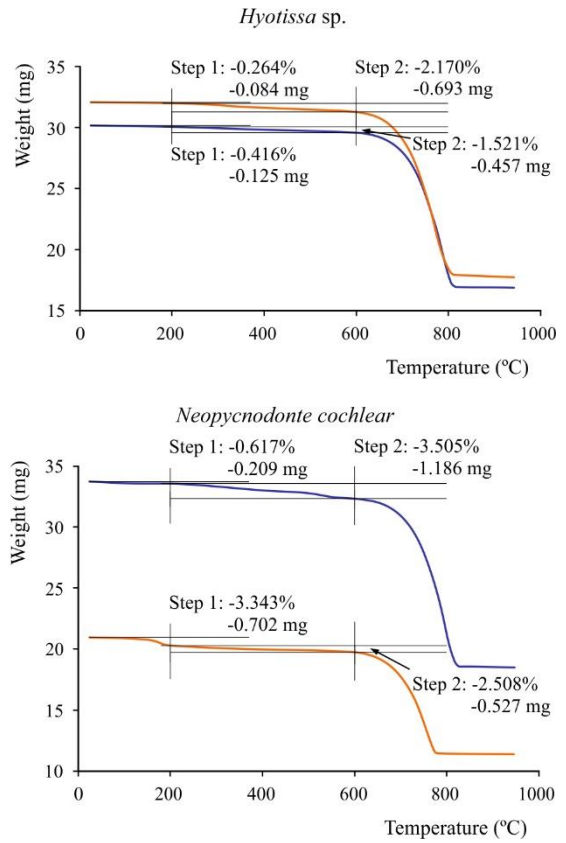
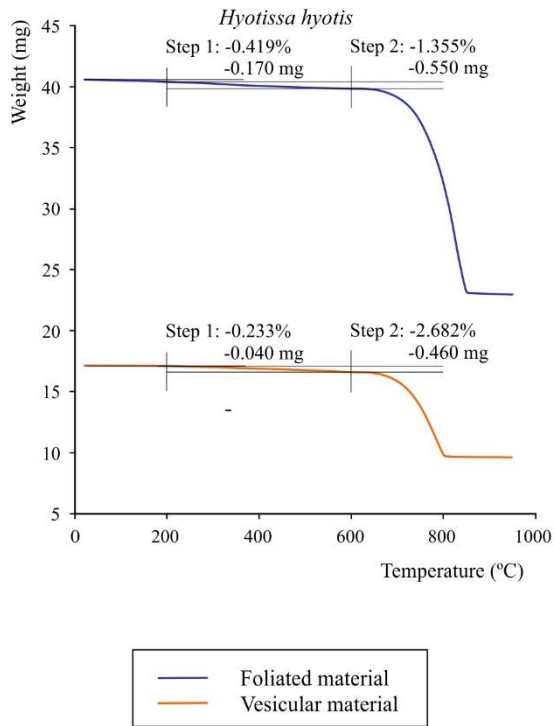
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Supplementary figures S1 to S3

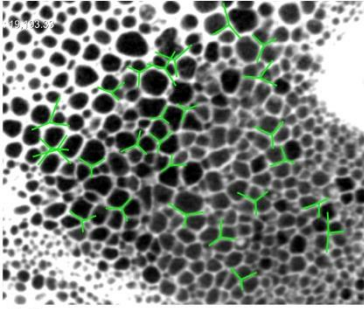


**Supplementary figure S1.** Distribution of vesicular and foliated layers in the internal surface of an upper valve of *Hyotissa hyotis*. (a), (b), (c) Same, enlarged views as in figure 1a, b and c, respectively.

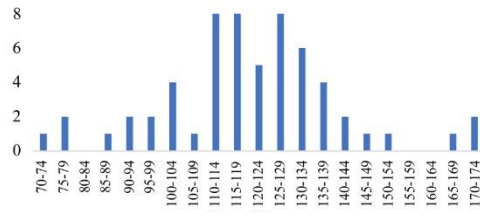


**Supplementary figure S2.** TGA curves for the indicated species. Step 1 corresponds to the loss of water, whereas Step 2 is the estimated amount of organic matter (see table 1).

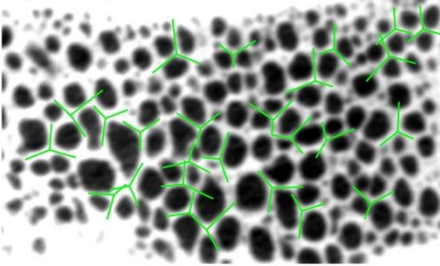
*Hyotissa hyotis*



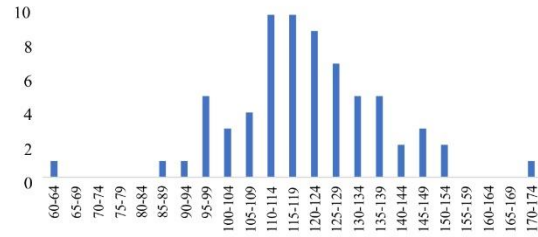
0.5 mm



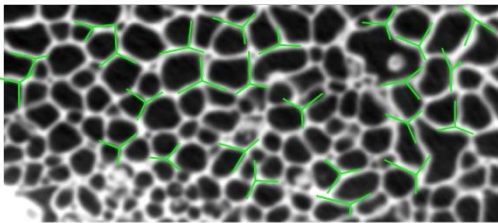
*Hyotissa* sp.



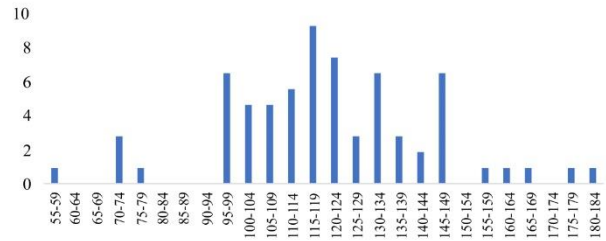
0.5 mm



*Neopyncnodonte cochlear*



0.5 mm



**Supplementary figure S3.** Angles between walls measured at triple points (in green) in the indicated species, measured on micro-CT slices approximately parallel to the internal growth surface. Histograms show a big spread, with the most frequent values being around 120°.