

What are constraint factors for foraminifers shape ? either Physics or Biology

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Benthic foraminifers show genera specific test shapes. Test morphologies are different from species to species. Thusfar, foraminiferal tests are used as taxonomic characters. *Patellina corrugata* (Williamson) is made from single crystal of calcite. Even though the species has multi-chambered form, test consists of single crystal. Test growth takes place when calcite crystal grows. Is foraminiferal growth constraint by crystal physics or constraint by genetic information ? I would like to discuss this question during my presentation. To grow with crystal physics, or not to be constraint by crystal physics ? This is the question.

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