



# Ocean acidification impacts on the shell characteristics of articulated brachiopods

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# Scientific Questions

1. How does **growing** articulated brachiopods in **lowered pH** conditions **alter their shell microstructure and elemental composition?**
2. How do shell characteristics vary between animals **currently living at different pH?**
3. How do shell characteristics vary **within** a species from the **same site since the Industrial Revolution?**
4. How do shell characteristics vary in brachiopods across **geological periods with different CO<sub>2</sub> levels?**



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