

## Experiments and considerations on protrusions on the surface of Vicarya shell

\*Kazuma Ito<sup>1</sup>

1. Hongo high school

This time we observe experiments and considerations on prismatic protrusions seen on the surface of Vicarya shell. Vicarya is a type of conch that lived from the 3rd Century New World to the Miocene, and Man It is thought that it lived in brackish water area such as globe forest. Horny projections on the surface of the shell there are also types that can be seen, but details on their work has not been elucidated yet. Therefore, we placed replicas taken from Vicarya fossils in a water flow experimental apparatus and observe the flow of color water and the resistance of replica by flowing water flow with color water, based on the obtained results I examined and verified what the function of the prismatic protrusion is.

### O05-P67 ビカリアの殻表面における角状突起の考察



何のためにあるのか？



流されないためのアンカー？



実際に水流を起こすことで検証

本郷学園地学部