

The impact of submergence on the shell strength of the common periwinkle, *Littorina littorea*.

Littorina littorea is a motile gastropod that inhabits the intertidal and subtidal zones. They rely on their shells for protection from many factors that occur within the oceanic environment. Periwinkles were exposed to three different treatments (initial, partially submerged, and submerged) for six weeks to determine the effects of submergence on their shell crushing strength. Results showed a significant difference between the initial and submerged treatments. There was no significant difference between the partially submerged treatment and the other two treatments.