OCEAN ACIDIFICATION AND CHEMICAL SIGNALLING





Ocean acidity causes changes in signalling peptide molecules, affecting shore crab ability to detect these cues.

WHAT ARE THE IMPLICATIONS?

A number of species use these kinds of cues for egg ventilation, hatching, and settlement. The changes caused by ocean acidification could affect them all.



Ocean acidification affects marine chemical communication by changing structure and function of peptide signalling molecules C Roggatz, M Lorch, J Hardege and D Benoit, Global Change Biology (2016), DOI: : 10.1111/gcb.1335



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