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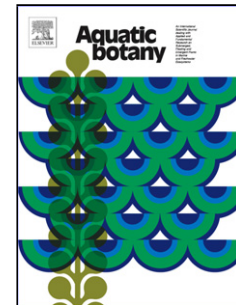
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Short-term interactive effects of increased temperatures and acidification on the calcifying macroalgae *Lithothamnion crispatum* and *Sonderophycus capensis*

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Highlights

- Temperature increase and acidification induces stress in calcifying macroalgae
- High temperature stress is softened under nowadays pH levels
- *Lithothamnion crispatum* and *Sonderophycus capensis* may cope in future climate change

Abstract

Combined effect of acidification and sea warming derived from future conditions of Climate Change have been little investigated in marine photoautotrophs, especially on sensitive organisms such as calcifying macroalgae. The aim of this investigation was to evaluate the interactive effects of acidification and increased temperatures on the two

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