

# Effects of the environment on developmental rates of sporelings of two *Hypnea* species (Rhodophyta: Gigartinales)

[K. E. Mshigeni](#)

[Marine Biology](#) volume 36, pages99–103(1976)

## Abstract

Growth of sporelings of *Hypnea cervicornis* J. Agardh and *H. chordacea* Kuetzing in response to gradients of selected environmental factors has been investigated. The sporelings of *H. cervicornis* tolerated higher levels of the tested parameters (e.g. salinity and temperature) than those of *H. chordacea*. In all the treatments, the sporelings of *H. cervicornis* grew significantly faster than those of *H. chordacea*. The ecological and agronomic implications of these findings are discussed.