

Behavioral responses to chemical cues produced by conspecifics and predators in the brittle star *Ophiopholus aculaeta*.

Anti-predatory behaviors for an organisms' survival; recognition of damage release chemical cues using chemoreception is a very important mechanism of survival. The brittle star species *Ophiopholus aculaeta* was exposed to five different chemical cues consisting of a control, conspecifics and predators. Reaction time, behavior, and duration of behavior were measured. There was no difference in the behaviors elicited by the brittle stars between the treatments.

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