



Australian
National
University

PUBLIC LECTURE

PhD exit seminar: Life through changing light intensities - a day in the life of the Banded Sugar ant

Thursday 17 April 1 – 2pm

Speaker

Eliza Middleton

PhD student,
Zeil Lab, EEG

Location

Gould Seminar Room

(Rm 235) Gould Building (Bldg. 116),
Linnaeus Way, ANU

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This lecture is free and open to the public

RSB event information:
biology.anu.edu.au/News/Events.php



The Banded Sugar ant, *Camponotus consbrinus* is ubiquitous in the Canberra region, inhabiting both urban and rural environments. This species is active across drastically changing light levels during the late evenings, into the night and the following morning. Over the course of my PhD I have examined the remarkable navigational strategies, recruitment and visual systems of this species.

I describe the first example of an ant species that does not appear to path integrate, explore a unique recruitment strategy termed tandem running and examine visual systems to demonstrate how this species is capable of activity across this changing light intensity niche.

Presented by

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