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About

PhD Title: The Overwintering biology and pollination behaviour of native and non-native bumblebees

Supervisors: Professor Jeff Bale and Dr Scott Hayward

Emily is a 2nd year PhD student in the Arthropod Ecophysiology lab group, researching the Overwintering biology and pollination behaviour of native and non-native bumblebees.

Qualifications

BSc Biological Sciences, University of Birmingham.

Biography

Emily Owen studied BSc Biological Sciences at the University of Birmingham, graduating in 2010. Whilst at Birmingham she undertook an internship in an Arthropod Ecophysiology lab group, under the supervision of Prof. Jeff Bale and Dr. Gwennan Dean. This was funded by the BBSRC and the University of Birmingham Honeypot and resulted in her first publication (see **http://www.alumni.bham.ac.uk/fund/young/HPowen.shtml (http://www.alumni.bham.ac.uk/fund/young/HPowen.shtml)**) .

Research

Emily is now a 2nd year PhD student, (BBSRC-funded), under the supervision of Prof. Jeff Bale and Dr. Scott Hayward. She is investigating the overwintering biology and pollination behaviour of two bumblebee subspecies; the first native to the UK (*Bombus terrestis audax)* and the second native to South Eastern Europe (*Bombus terrestris dalmatinus)*

Other activities

Emily is a member of the Royal Entomological Society. She has written for the Times Higher Education Magazine and has been a guest speaker at the University of Birmingham's Student Development and Honeypot Awards Ceremony.

Publications

Hughes, G.E., Owen, E., Sterk, G. and Bale, J. S. Thermal activity thresholds of the parasitic wasp Lysiphlebus testaceipes and its aphid prey: implications for the efficacy of biological control. *Physiological Entomology.* 35(4), 373-378.

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