

## Accepted Manuscript

Experimental winter warming modifies thermal performance and primes acorn ants for warm weather

Heidi J. MacLean, Clint A. Penick, Robert R. Dunn, Sarah E. Diamond

PII: S0022-1910(17)30021-5

DOI: <http://dx.doi.org/10.1016/j.jinsphys.2017.05.010>

Reference: IP 3651

To appear in: *Journal of Insect Physiology*

Received Date: 16 January 2017

Revised Date: 16 May 2017

Accepted Date: 22 May 2017

Please cite this article as: MacLean, H.J., Penick, C.A., Dunn, R.R., Diamond, S.E., Experimental winter warming modifies thermal performance and primes acorn ants for warm weather, *Journal of Insect Physiology* (2017), doi: <http://dx.doi.org/10.1016/j.jinsphys.2017.05.010>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Experimental winter warming modifies thermal performance and primes acorn ants for  
warm weather**

Heidi J. MacLean<sup>1</sup>, Clint A. Penick<sup>2</sup>, Robert R Dunn<sup>2,3</sup>, Sarah E. Diamond<sup>4</sup>

<sup>1</sup>Institute for Bioscience, Aarhus University, 8000 Aarhus C, Denmark

<sup>2</sup>Department of Applied Ecology and Keck Center for Behavioral Biology, North Carolina State University, Raleigh, NC 27695, USA

<sup>3</sup>Center for Macroecology, Evolution and Climate, Natural History Museum of Denmark, University of Copenhagen, 2100 Copenhagen, Denmark

<sup>4</sup>Department of Biology, Case Western Reserve University, Cleveland, OH 44106 USA

Corresponding Author: [hmaclean@bios.au.dk](mailto:hmaclean@bios.au.dk)

Download English Version:

<https://daneshyari.com/en/article/5593140>

Download Persian Version:

<https://daneshyari.com/article/5593140>

[Daneshyari.com](https://daneshyari.com)