

JANE M. COWLES
CURRICULUM VITA

I. CONTACT

Address: 100 Ecology Building, 1987 Upper Buford Circle, St. Paul, MN 55108

Telephone: 218.343.1519

Email: jcowles@umn.edu

II. EDUCATION

Graduate: University of Minnesota, 2010-Present. PhD candidate in Ecology, Evolution and Behavior, in progress.

Undergraduate: Hamilton College, 2006-2010. B.A., *Magna Cum Laude*, with Departmental Honors.

Major: Biology. Minor: Mathematics. Thesis: "Differential effects of soil compaction on the growth of *Schizachyrium scoparium* and *Lupinus perennis*". GPA: 3.77/4.0 (3.84/4.0 in Major). Dean's List: Fall '06, Fall '07, Spring '08, Fall '08, Spring '09, Fall '09

III. TEACHING EXPERIENCE

Biology 2002, Fall 2011

Foundations of Biology I

Teaching Assistant, Lab

Biology 3407, Fall 2012

Ecology

Teaching Assistant, Lab

Biology 3408W, Spring 2013

Ecology, Writing Intensive

Teaching Assistant, Lab

Full class Lecture, Predator-Prey models, 11 March 2013

EEB 3407/5407, Fall 2013

Theoretical Ecology, Graduate Course

Teaching Assistant

IV. HONORS & AWARDS

National Science Foundation Graduate Research Fellowship, Honorable Mention, 2012

National Science Foundation Graduate Research Fellowship, Honorable Mention, 2011

Graduate School Fellowship, University of Minnesota, 2010-2011

Holbrook Prize in Biology (best record in biology coursework), Hamilton College, 2010

Phi Beta Kappa, inducted May 2010

Sigma Xi Scientific Research Society, inducted May 2010

Elihu Root Fellowship of Graduate Studies, May 2010

Doers and Thinkers Society, inducted May 2007

V. PUBLICATIONS & PRESENTATIONS

“Differential effects of soil compaction on the growth of *Schizachyrium scoparium* and *Lupinus perennis*”. Senior Thesis Public Presentation. April 15, 2010.

Clark CM, Bai Y, Bowman WD, **Cowles JM**, Fenn ME, Gilliam FS, Phoenix GK, Siddique I, Stevens CJ, Sverdrup HU, Throop HL. Nitrogen Deposition and Terrestrial Biodiversity.- In: Levin,S.A.(ed.), Encyclopedia of biodiversity. Academic Press, 2013.

VI. RESEARCH INTERESTS

Plant Community Ecology, Coexistence, Biodiversity-Ecosystem Functioning, Plant-Soil Feedbacks, Stoichiometry, Theoretical Ecology

VII. ACADEMIC REFERENCES

G. David Tilman, McKnight Presidential Chair in Ecology, Regents Professor, University of Minnesota
William Pfitsch, Professor of Biology, Hamilton College