

DEPARTMENT OF ECOLOGY & EVOLUTIONARY BIOLOGY
Spring 2014 Seminar Series

"INVESTIGATING THE CAPACITY FOR
ADAPTATION IN NATURAL POPULATIONS"

Ruth Shaw – University of Minnesota



As a central concept of evolutionary biology, adaptation is well-studied and thoroughly documented, but prediction of the rate of adaptation is generally neglected. I advocate for prospective empirical study of adaptive capacity, and I illustrate with an example drawn from long-term research to elucidate the interplay between genetic and numerical population dynamics of the tall-grass prairie perennial plant, *Echinacea angustifolia*.

Friday, March 28, 2014; Room 307, SERF; 3:30 - 4:30PM.
Pre-talk reception: 3:00 PM in Dabney 568