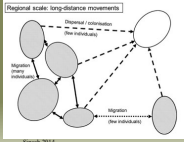

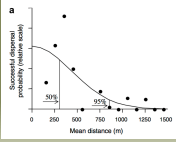


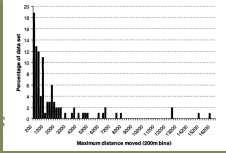
Amphibian Movement Ecology

J. Patrick W. Cusaac, Ph.D.
College of Agricultural Sciences and Natural Resources
University of Tennessee – Knoxville

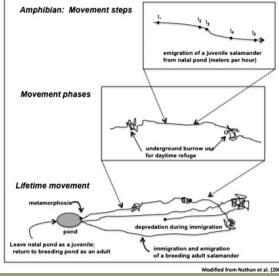
March 2014

How do you define 'movement ecology'??



Percentage of adult beetles

Maximum distance moved (20000 beetles)



Increasing spatio-temporal scale

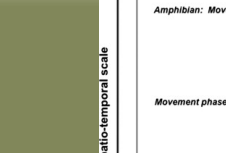
Amphibian: Movement steps
Migration of a juvenile salamander from natal pond (meters per hour)

Movement phases
underground burrow use for daytime refuge

Lifetime movement
metamorphosis
pond
depression during immigration
Leave natal pond as a juvenile; return to breeding pond as an adult
immigration and emigration of a breeding adult salamander

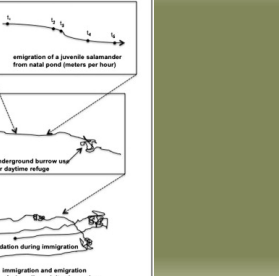
Modified from Nathan et al. (2008)

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Dispersal vs. Migration

