

Population Properties



Assignments

Reading

Smith et al. Chapter 9

Vocabulary

ecological population, abundance, density, unitary, modular, genet, ramet, statistical population, sample, {simple, stratified, systematic} random sampling, quadrat, mark-recapture, distribution, geographic range, dispersal, migration

Learning Objectives

at the end of today's meeting you should be able to...

- Distinguish between **unitary** and **modular** organisms
- Use common **properties of populations** to describe their state (condition)
- Devise **sampling protocols** to estimate the **abundance** of organisms
- Explain the **consequences of population structure** (spatial, age, sex, etc.)
- Describe possible **effects of invasive species**