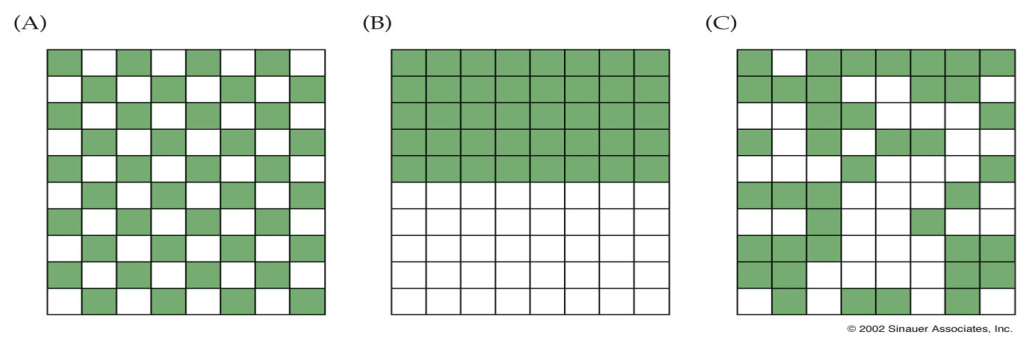
Landscape Ecology

**Landscape Ecology**

Patch Aggregation Patterns



Benefits of Metapopulations

Core Satellite Model

Island Biogeography

**Species Persistence**

Gotelli Model

**Rescue Effect**

**Stepping Stone Migration**

**Island Model**

**Extinction Reasons**

Genetic stochasticity

Demographic stochasticity

Environmental stochasticty

Catastrophe

Destruction of refugia