Exploiter-Victim

Predator–Prey

Parasite–Host

Herbivore–Plant

E(t), V(t): Population Sizes

Increase E(t), dV/dt Declines

Increase V(t): dE/dt Increases

Predator – Prey Coexistence

1. **Refuge for Prey**

   Space: Safety, Dispersal

   Time: Body Size, Diapause

2. **Generalist Predator**

3. **Predator Not Food Limited**

4. **Self-Regulation: Prey, Both "Inefficient Predator"**

5. **Keystone Predator: Prey Coexist**