

Concept 3.4

Social behaviors are important adaptations in many species.

1. **Competitive Behaviors:** competing for resources (ie. food , space, mates)
 - a.) **Aggressive Behaviors** - Tests of strength
 - b.) **Dominance Hierarchies** - Ranking of individuals; “Pecking Order”
 - c.) **Territorial Behaviors** - Defending and excluding other individuals from feeding and raising young.

2. **Courtship Behaviors:** mating behaviors; courtship rituals; opportunities to “advertise” positive qualities.

3. **Communication:** behaviors that are signals; they can include sounds, odors, visual displays, and touches; can relate to social structures.

4. **Cooperation:** behaviors in which individuals work together in a way that is beneficial to the group.