**Chapters 3 and 4**

1. Predation
2. Parasitism
3. Mutualism
4. Commensalism
5. Niche
6. Competitive Exclusion Principle
7. Primary Succession
8. Secondary Succession
9. Keystone Species
10. Pioneer Species
11. Climax Community

**Chapters 5 and 6**

1. Exponential Growth
2. Logistic Growth
3. Carrying Capacity
4. Density-dependent Limiting Factor
5. Density-independent Limiting Factor
6. Sustainable development
7. Desertification
8. Deforestation
9. Biological Magnification
10. Smog
11. Acid Rain
12. Habitat Fragmentation
13. Ecological Footprint
14. Ozone layer
15. Global warming
16. Climate Change