Chapter 18 Section 1:

Everything is Connected

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| Keyword(s) | Notes |
| Ecology | * The study of interactions of organisms with one another and their environment |
| Two parts of an environment | * An organism’s environment consists of all the things that affect the organism (biotic & abiotic) |
| Biotic | * All of the organisms that live together and interact |
| Abiotic | * The part of the environment that consists of the nonliving factors (water, soil, light, temperature) |
| Organization in the environment | * Organized in levels * Level 1: individual organism * Level 2: Population (similar organisms) * Level 3: Community (different populations) * Level 4: Ecosystem (the community and its abiotic environment) * Level 5: Biosphere (contains all ecosystems) |
| Population | * A group of individuals of the same species that live together |
| Community | * Consists of all the populations of species that live and interact in an area |
| Ecosystem | * Made up of a community of organisms and the abiotic environment of the community * An ecologist would study how the organisms interact as well as how temperature, precipitation, and soil characteristics affect the organisms |
| Biosphere | * The part of Earth where life exists |