Biotic & Abiotic Factors

Biotic Factors	Abiotic Factors
Biotic factors are any living component that affects another organism within its ecosystem. • Living things • Once living (dead) things • Parts of living things • Carry out all characteristics of life • Include producers, consumers, and decomposers Examples: Animals (vertebrates and invertebrates), plants, fungi, protists, and bacteria.	Abiotic factors are physical and chemical elements within an ecosystem that are obtained from the lithosphere, hydrosphere, and atmosphere. • Non-living things • Have never lived (are not dead) • Are not parts of living things • Do not carry out ALL characteristics of life Examples: air, sunlight, soil, air, nutrients in soil/water, oxygen, minerals, pH, etc. Man-made items are not abiotic because they do not exist naturally in an ecosystem.