

13.2 Biotic and Abiotic Factors

KEY CONCEPT

Every ecosystem includes both living and nonliving factors.



13.2 Biotic and Abiotic Factors

▶ **An ecosystem includes both biotic and abiotic factors.**

- Biotic factors are living things.
 - plants
 - animals
 - fungi
 - bacteria



— plants

13.2 Biotic and Abiotic Factors

- Abiotic factors are nonliving things.
 - moisture
 - temperature
 - wind
 - sunlight
 - soil



— sunlight

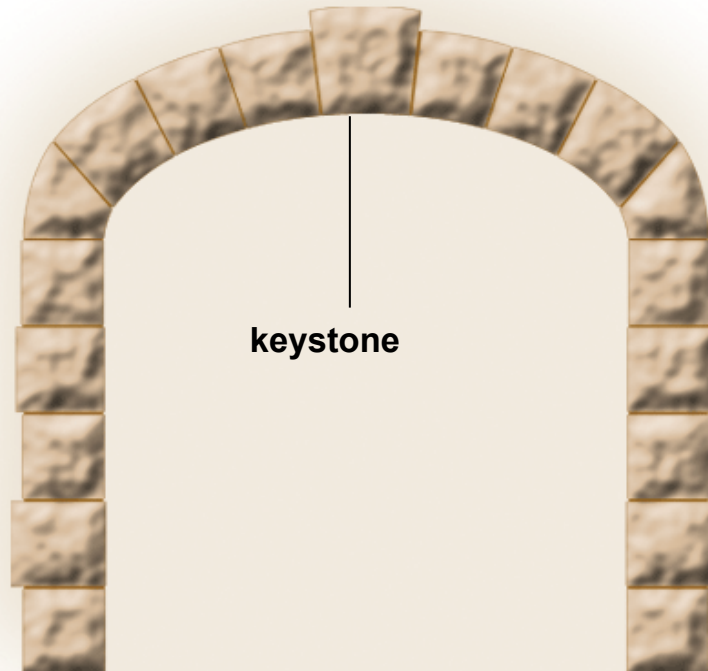
— moisture

13.2 Biotic and Abiotic Factors

- ▶ **Changing one factor in an ecosystem can affect many other factors.**
 - Biodiversity is the assortment, or variety, of living things in an ecosystem.
 - Rain forests have more biodiversity than other locations in the world, but are threatened by human activities.

13.2 Biotic and Abiotic Factors

- A keystone species is a species that has an unusually large effect on its ecosystem.



13.2 Biotic and Abiotic Factors

- Keystone species form and maintain a complex web of life.

