

Adaptations, interdependence and competition What is an ecosystem?	Adaptations, interdependence and competition Put in order from smallest: ecosystem, population, organism, community.
Adaptations, interdependence and competition What do plants often compete for?	Adaptations, interdependence and competition What do animals often compete for?
Adaptations, interdependence and competition What is interdependence?	Adaptations, interdependence and competition What is a stable community?
Adaptations, interdependence and competition Give four abiotic factors.	Adaptations, interdependence and competition Which abiotic factor is needed by aquatic animals for respiration?

Organism, population, community, ecosystem.

The interaction of a community of living organisms (biotic) with the non-living (abiotic) parts of their environment.

Food, mates and territory.

Light, space, water and mineral ions from the soil.

One where all the species and environmental factors are in balance so that population sizes remain fairly constant.

Each species in a community depends on other species for food, shelter, pollination, seed dispersal and so on. Removing one can affect the whole community.

Oxygen levels in the water.

Any four of: light intensity, temperature, moisture levels, soil pH and mineral content, wind intensity and direction, carbon dioxide levels for plants, oxygen levels for aquatic animals.

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Give the four biotic factors.

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What is a biotic factor?

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What is an adaptation?

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What three types of adaptation are there?

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What is an extremophile?

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Give an example of an extremophile.

A living factor that can affect a community.

Availability of food, new predators arriving, new pathogens, and one species outcompeting another so the numbers are no longer sufficient to breed.

Structural, behavioural and functional.

A feature that enables an organism to survive in the conditions in which it normally lives.

Bacteria living in deep sea vents.

An organism that lives in very extreme conditions such as high temperature, pressure or salt concentration.