

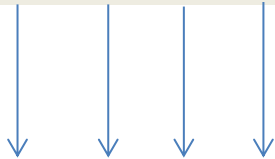
The Ecological Niche

Habitat

The physical conditions influence the habitat. The organism's tolerance to different factors in the abiotic environment will vary, presenting it with suitable conditions or problems to overcome

Physical Conditions

Substrate
Light and humidity
Temperature
Exposure
Altitude and aspect

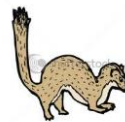


Resources offered by the habitat

Food sources
Shelter from climatic extremes
Mating sites
Nesting sites
Predator avoidance



Other organisms present (interrelationships)



Adaptations for

Locomotion
Activity (day/night)
Self defence
Predator avoidance
Reproduction
Feeding



Adaptations are the **structural**, **physiological** and **behavioural** features that enable an organism to exploit the resources of the habitat

The habitat provides the organism with resources and opportunities

Resource availability is affected by the presence of other organisms and their interactions with them:
Competition, predation, herbivory, disease and parasitism

These other species are also affected by the physical conditions