KEY CONCEPT

Organisms interact as individuals and as populations.



- Competition and predation are two important ways in which organisms interact.
 - Competition occurs when two organisms fight for the same limited resource.
 - Intraspecific competition
 - Interspecific competition



Predation occurs when one organism captures and eats another.



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Mutualism: both organisms benefit



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Commensalism: one organism benefits, the other is unharmed

Human Our eyelashes are home to tiny mites that feast on oil secretions and dead skin. Without harming us, up to 20 mites may be living in one eyelash follicle.



Demodicids Eyelash mites find all they need to survive in the tiny follicles of eyelashes. Magnified here 225 times, these creatures measure 0.4 mm in length and can be seen only with a microscope.





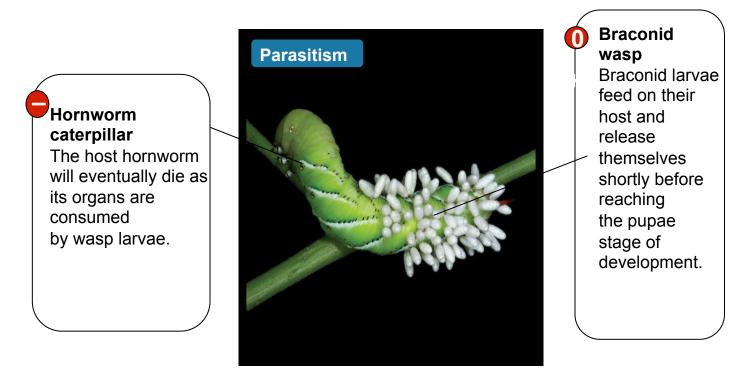
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There are three major types of symbiotic relationships.
– Parasitism: one organism benefits, the other is harmed





Organism is not affected



Organism benefits

There are three major types of symbiotic relationships.
Parasitism: one organism benefits, the other is harmed





There are three major types of symbiotic relationships.
– Parasitism meet their needs as ectoparasites (such as leeches) and endopaasites (such as hookworms)



