

Nova's Guide to Incredible Habitats

Explore the wild wonders of our world: Where do you fit in the web of life?

- A habitat provides everything an organism needs to survive: food, water, shelter, and space to reproduce.
- Adaptations are special features, such as thick fur or webbed feet, that help an animal thrive in its specific environment.
- Micro-habitats are small, local environments, like a damp log or a shady hedge, that support different life forms than the wider area.
- Living things are interdependent; plants rely on insects for pollination, and animals rely on plants for oxygen and energy.
- Habitats change over time due to seasonal shifts, natural events, or human activity, forcing species to adapt or migrate.

Did you know? Did you know? Some creatures, like the tardigrade, can survive in the most extreme habitats on Earth, including boiling water, freezing ice, and even the vacuum of space! They are the ultimate survivors of the animal kingdom.

Key vocabulary: Adaptation · Environment · Micro-habitat · Ecosystem · Interdependence · Biodiversity