

2 Biodiversity and ecosystem services – Part 1 — Answers

Answers

Work through these after you have tried the questions yourself.

2.1 genetic, species, and habitat diversity.

2.2 provisioning: food (or fresh water, timber); regulating: pollination (or flood control, water filtration).

2.3 the range of conditions in which a species thrives best (near the middle of its tolerance range).

2.4 with more species, some can take over roles if others are lost, so the ecosystem keeps functioning and recovers more easily.

2.5 a specialist – it has narrow needs, so a change in conditions can leave it unable to survive, while a generalist copes with many conditions.