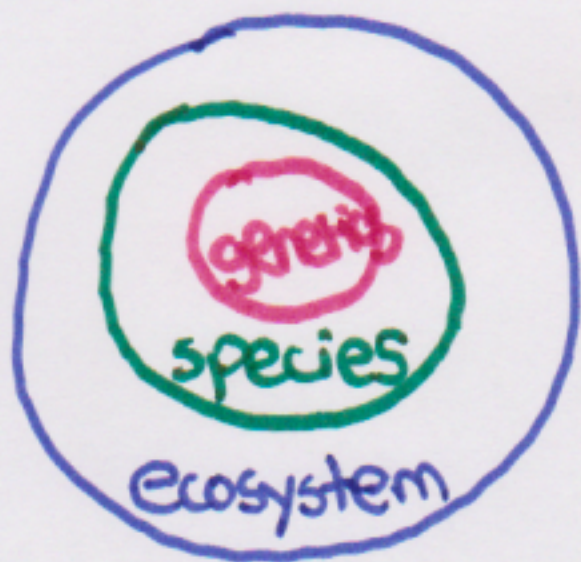


* pg. 41 → Ecosystem Diversity notes from in-class

* pg. 40 → Make your own notes for species diversity AND genetic diversity



Levels of Biodiversity

* All 3 levels of biodiversity important!! = healthy earth

Source: Issue 21 - Biodiversity. Scholastics, 2014.

ECOSYSTEM DIVERSITY

Ecosystem diversity is the variety of ecosystems within a region. An ecosystem is a group of living things that interact with their physical environment. Forests, deserts, coral reefs, and lakes are examples of ecosystems. A unique combination of plants and animals lives in each ecosystem. This helps to create differences between ecosystems.

Ecosystem diversity is important for maintaining a healthy Earth. For example, ecosystems support all forms of life, filter water and air, keep soils healthy, and control pests. If we destroy an ecosystem, we will lose everything that ecosystem contributes to the health of Earth, including species and resources. Destruction of an ecosystem can also lead to economic and social disaster.

— = abbreviations definition

• ECOSYSTEM (ecosys.) DIVERSITY = many different ecosys. in an A (area) of envr. (environment)

• ECOSYS. = unique combo. of organisms interacting w/envr. ⊕ each other
ex rainforest

- support organisms
 - clean air ⊕ water
 - healthy soils
- ↳ nutrients ⇒ food

• ecosys. damage ⇒ sick earth

- lose species ⊕ resources
 - lose \$
 - a.k.a War
- water food coal gas oil wood wool cotton