

„Biodiversity and ecological system” Fungi, the hidden network

Questions to the subject

**Fungi, Mushrooms, Toadstools –
what’s the difference?**



Good Luck!

- 1. Why are we talking about a hidden network, when speaking about fungi?**
- 2. Find out the different ecological roles of fungi!**
 - What are fungi? (animals, plants ...?)
 - Where and what time of the year you find fungi (ecology, continents)?
 - What do fungi contribute to the ecosystem?
 - What is the importance of fungi to human life (forestry, agriculture, medicine)?
 - What are the ecological aspects of the relationship between fungi and algae?
- 3. Try to find out the way of nutrition of the following fungi.**
 - Fungus with tubes: **Boletus edulis**
 - Fungi with gills:
 - **Amanita phalloides,**
 - **Agaricus campestris**
 - Fungus with pores – bracket-fungus
 - **Fomes fomentarius**
- 4. Are the above mentioned fungi poisonous for humans, edible or inedible?
For discussion in your group:**
- 5. Does increased biodiversity benefit an ecosystem?**
- 6. Does the biodiversity of fungi affect the overall biodiversity of an ecosystem?**

Definition of biodiversity:

Biodiversity is the complex variety of life forms and their interaction:

- Diversity of habitats
- Diversity of species
- Genetic diversity within the species
- Interaction between species and habitats

sources:

“Fungus” Wikipedia, the free encyclopedia

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www.brighthub.com/environment/science-environmental/articles/88505.aspx