

## Biodiversity – worksheet

1. At the beginning of the story, Supertroupers meet the insect - some of them claim it is a wasp and others that it is a bee. What do you think? Justify your answer by the features shown on the drawing.



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2. On the slide below when it's mentioned that it is a bee and not a wasp, the rest of the group says: "Who cares?". Explain, why we should care. Name the role of the bees and wasps in enriching the biodiversity.



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3. In the slide below, Diane is of the opinion that “and getting rid of a bee won’t threaten biodiversity”. Think of arguments you could use to convince Diane that her perspective is not correct.



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4. In the slides below, there is a reference to „pollinators”.

4.1. Explain what you understand by pollination. Can you give examples of other pollinators, besides bees?



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4.2. Why do you think pollinators are important for ecosystems?

5. According to the beekeeper, the diversity of plant species is important for the bees. But this is only one dimension of biodiversity – species diversity. Analyze the second chapter of the BD and explain what are different levels of biodiversity. Mark those three different levels on the slide below.



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6. On slides below is made a reference to species extinction and the influence of humans on species diversity. Explain why we should care about the extinction of species and how humans can contribute to both extinction and species conservation.



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7. Based on these two slides below, could you explain in your own words, why the loss of genetic variability could be dangerous for the survival of species in the long term?



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8. The slide below presents two different ideas to justify the need to preserve biodiversity. Which vision do you most identify with? Why?



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9. Read carefully the last section of the story, and propose other methods, in addition to those mentioned in the comic, to protect biodiversity. After reading whole comics, what do you think might be our motivation to do so?

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