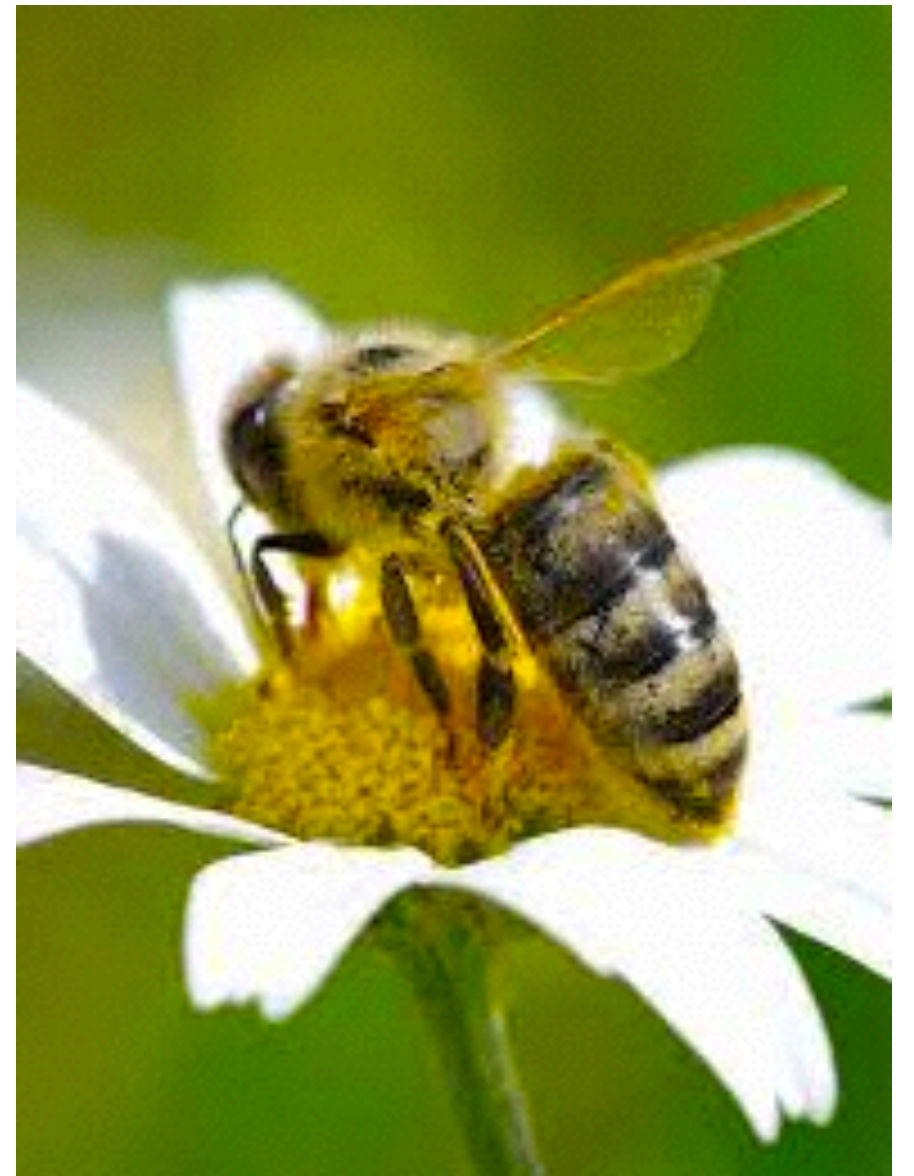


BIODIVERSITY



PROJECT: BE-E AWARE

OUTLINE

- Information about bees
- Importance of bees (insects)
- Crafting and observing bee hotel (sustainability)
- Visiting a beekeeper

INFORMATION ABOUT BEES

- Bees belong to the insects and have six legs, four wings and a carapace
- Only female bees have a venomous sting on their abdomen for defence
- A special feature is the bees' hair, which is used to transport pollen
- There are solitary bees and species, which live together in a state



INFORMATION ABOUT BEES

- Biologists classify nine different honey bee species (e.g. the western honey bee („*Apis mellifera*“))
- 40,000 to 60,000 bees live together in a hive
- Three different types of bees live in a bee colony:
a queen, drones and workers



IMPORTANCE OF BEES: BE-E CAREFUL

- Bees also pollinate our crops and are therefore important for agriculture
- On the outside of the workers' hind legs are "baskets" in which the workers store pollen while foraging
- Without bees, a great deal of food could not be grown
- The use of large amounts of pesticides and insecticides on the fields to protect the plants against diseases and to destroy "weeds" and „pests" make life difficult for bees
- These powerful poisons are also harmful to humans and endanger equally useful animals such as honey bees
- Out of 100 plant species that provide over 90 per cent of human food, 71 are pollinated by bees

CRAFTING AND OBSERVING BEE HOTEL

- Recycling
- Upcycling
- Advantages



VISITING A BEEKEEPER

- Learning with all senses
- Learning right interaction
- Appreciation

