Field trip: Monitoring Biodiversity

This sheet is designed to collect data from observations made during our field trip to monitor biodiversity. The goal is to understand how green initiatives can help us adapt to the challenges of climate change. This activity is linked with DabasDati.lv, a platform where anyone can record sightings of wildlife–such as birds, plants, and insects–across Latvia. It's a fantastic way to contribute to scientific research and conservation efforts!

The biodiversity we may observe, which is also reported on various platforms (such as DabasDati.lv), includes a wide range of species. These may consist of plants (including orchids, sedges, ferns, and aquatic plants), invertebrates (e.g., butterflies, dragonflies, bees, and beetles), fish, reptiles, amphibians, birds (e.g., pigeons, swallows, and woodpeckers), and mammals (e.g., bats and seals).

The variety of species observed is influenced by factors such as environmental and geographical conditions, urban planning, and more. Due to these factors, most of the biodiversity we are likely to encounter on this field trip will be plants. However, please pay close attention to your surroundings and look out for all potential species.

We encourage you to find:

- 3 different living creatures – an insect, a mammal, and a bird
- 5 different plants
- 2 mushrooms

You will also find a special "plant square" area where you will be asked to observe biodiversity and, more importantly, discuss the environment that surrounds this biodiversity.

Date of observation*	
Location*	
Type of organism* Specify whether it's an animal or a plant	
Species name	
Common name*	
Habitat type Type of habitat where the species was found (e.g., forest, grassland, wetland).	
Quantity* Number of individuals estimate (single, few, many).	
Life Stage Life stage of the organism (e.g., seedling, juvenile, adult)	
Behaviour Notable behaviour (e.g., feeding, nesting) or condition (e.g., healthy, injured).	
Environmental conditions Weather and environmental conditions at the time of observation (e.g., sunny, temperature, wind, etc.)	
Type of area* Description of the surrounding area (e.g., park, garden, farmland, forest). Presence of green spaces such as parks, gardens, or natural vegetation. Infrastructure such as roads, buildings, construction activities, etc.	

(Participants should fill one sheet by observation)