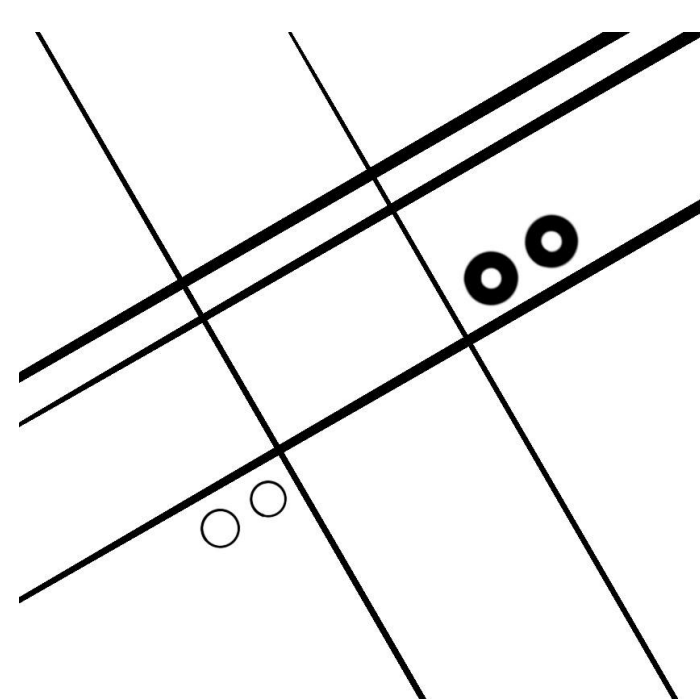
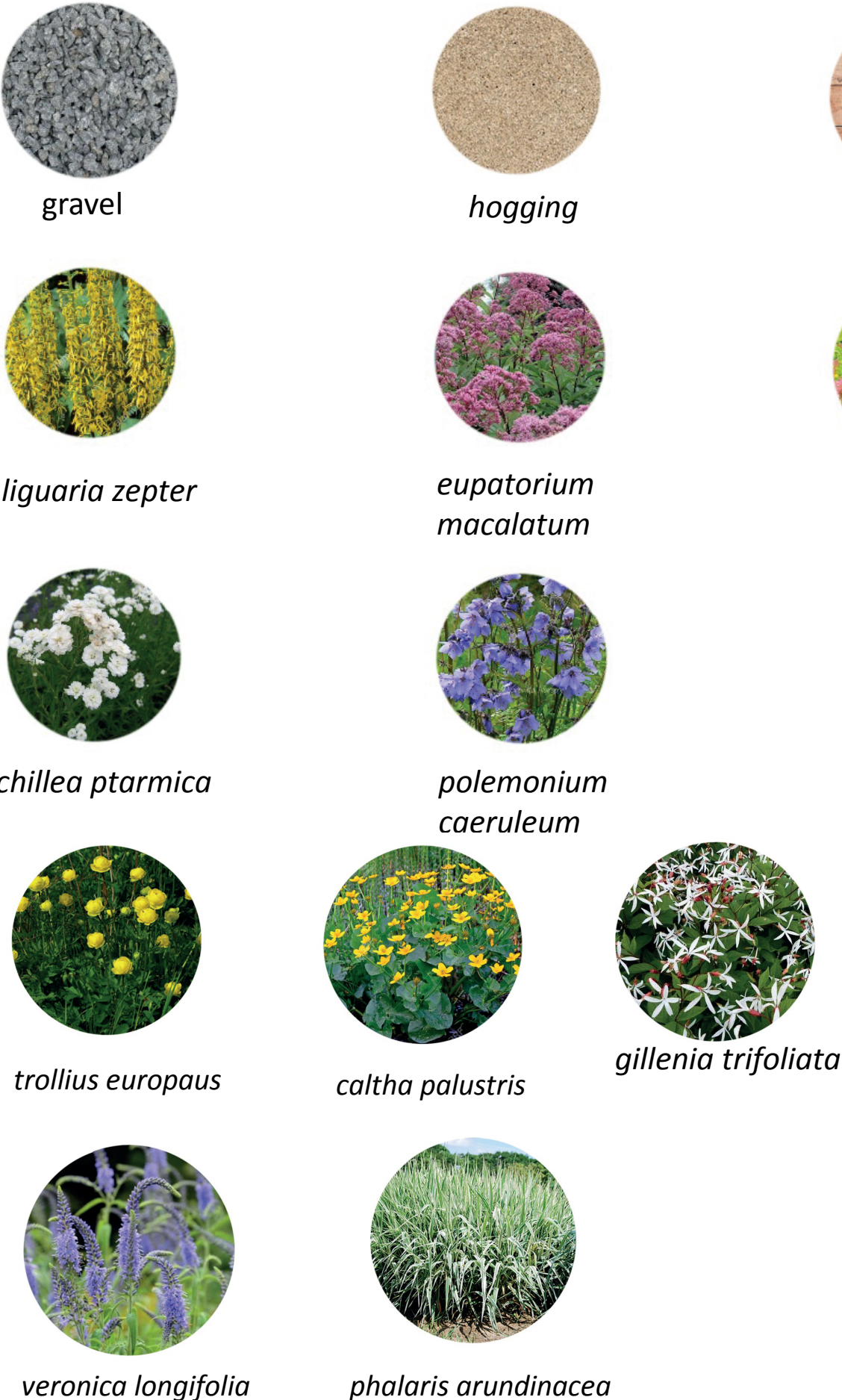




# Housing estate Řepy



My project is focused on trying to keep fallen rainwater in the green areas of the housing-estate which is placed in Řepy, Prague 17. That prevents the water from flushing away and leaving the area unnecessarily dry. The main element of this idea are „ditch“ like „flowerbeds“ that go through the housing-estate collecting fallen water from roofs and communications. The „flowerbeds“ contains water-tolerating plants and are placed lower than is the ground level around so the water tends to flow there- There is also an open space not used to it's full potential so that's where



Used materials – for the visible constructions of the wetland there is mostly just different types of soils and gravel. In the park area is used hogging for a new paths and wood works in small bridges across the wetland ,streams‘ so people are able to cross.

Used plants: All used plants must be water tolerant to some degree so they can survive in such conditions. These are some examples that are used.

The riverbeds will already have the function of cleaning with the help of water-tolerating plants, which can filter water from roofs. A technological filter will have to be designed for road water to remove grease, other toxins and more waste before it can be added into the wetland. The already mentioned area next to the Řepský stream is now empty, without shadows or paved paths, one insufficient play-ground for children and a relatively new demarcated area for ball games. The proposal for the modification is therefore the planting of more trees and shrubs, which will provide shelter and help the space.

