Swiss Digital Botanical Gardens Initiative
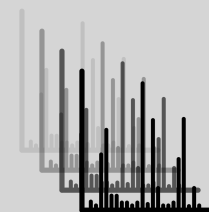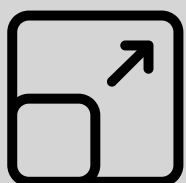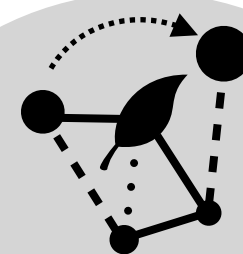
- Establish chemical extracts libraries of Swiss botanical gardens
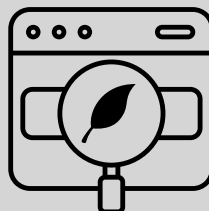- Digitize, through mass spectrometry, the chemodiversity of Swiss botanical gardens
- Gather chemical information and relevant samples metadata in a tailored knowledge graph
- Connect to existing ontologies (bio, chemo) and biodiversity digitization projects
- Establish web and programmatic interfaces for the query of the acquired knowledge
- Illustrate the feasibility and advantages of an end-to-end Open Science project
- Establish robust and scalable workflows for the digitization of wild ecosystems biodiversity
- Provide "molecular arguments" for biodiversity conservation policies