

# Towards a national aggregator of botanical data in Italy

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Checklist data for more than 11000 species known to occur in Italy:

- ❖ Nomenclature
- ❖ Systematics
- ❖ Distribution

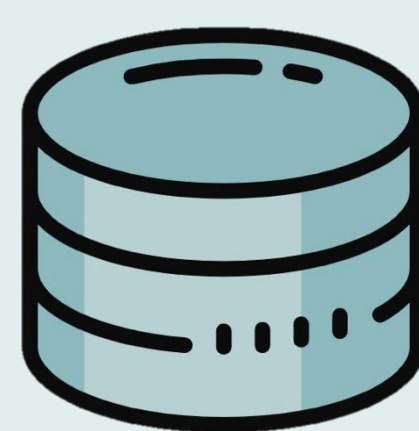


Occurrences from recently digitized Italian herbaria: ≈ 4 million specimens



Data processing:

- ❖ Aggregation of resources
- ❖ Nomenclature alignment
- ❖ Harmonization to data standards
- ❖ Data cleaning
- ❖ Quality control



- ❖ Data shared periodically with national and global services and aggregators
- ❖ Web interfaces to explore, query and download the data
- ❖ Application Programming Interfaces (APIs) and a R package

Next steps, aggregation of:

- ❖ Secondary metabolites
- ❖ Plant traits
- ❖ DNA barcode

