

# SNSB IT Center



Website: [www.snsb.info](http://www.snsb.info)

## Head

Dr. Dagmar Triebel

## Management of bio- and geodiversity data

The Information Technology Center of the Staatliche Naturwissenschaftliche Sammlungen Bayerns is the institutional repository for scientific data of the natural history collections and museums belonging to the SNSB. Its major tasks focus on the management of bio- and geodiversity data using different kinds of information technological structures. The facility guarantees a sustainable curation, storage, archiving and provision of such data.

The mission comprizes research activities in the field of biodiversity informatics and the implementation of generic information technology like easy-to-use working environments for handling scientific data. The software is mainly designed and set up following the concepts of the [Diversity Workbench developer platform](#). DWB software tools are registered in [bio.tools](#), a service of [ELIXIR Europe](#).

The SNSB IT Center supports scientists and institutions by offering [services](#) to manage the whole data life cycle starting with data entry up to persistent storage and provision as well as delivery of approved and quality-controlled data to national and international portals. Most of the data is managed by [DWB network and installations](#).

## Partner for biodiversity informatics

Based on about 20 years IT experience the SNSB IT Center was established in 2006. It is associated to the [Botanische Staatssammlung München](#) using its administrative and logistic infrastructure as well as its scientific and curatorial experience.

The in-house technical staff is administrating a server cluster using LINUX and MS Windows platforms with around 60 TByte storage units. The back up systems and archives of the regional computing center [Leibniz-Rechenzentrum München](#) are essential part of the storage concepts.

The SNSB IT Center is participating on several national and international initiatives within the field of biodiversity informatics, e. g. acting as a

[GBIF data publisher](#) and [GFBio data center](#), running a [BiNHum search portal for SNSB collections](#) (prototype) and providing a number of [services and products](#), e.g. in connection with the Nationale Forschungsdateninfrastruktur ([NFDI](#)). It hosts data for [university and non-university research partner organisations](#).

At the EU level the SNSB IT Center contributes significantly to the information science and technology concept development of the [CETAF consortium](#), the design set up of the Distributed System of Scientific Collections ([DiSSCo](#)) and its German part [DiSSCo-D](#). DiSSCo is a priority project on the Roadmap 2018 of the European Strategy Forum on Research Infrastructures (ESFRI) and will provide unified access to European Natural Science Collections. The SNSB are chairing training activities of the EU COST Action CA17106 – Mobilising Data, Policies and Experts in Scientific Collections ([MOBILISE](#)).

The SNSB IT Center offers the direct assignment of Digital Object Identifiers (DOIs) for research datasets published via GFBio services and data pipelines, using [DataCite](#) services.

## **Contact**

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