



# The Bavarian Natural History Collections (SNSB)

Tanja Weibulat, Dagmar Triebel

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in Africa – 46. DWB-WS, 16.10.2024



# SNSB History

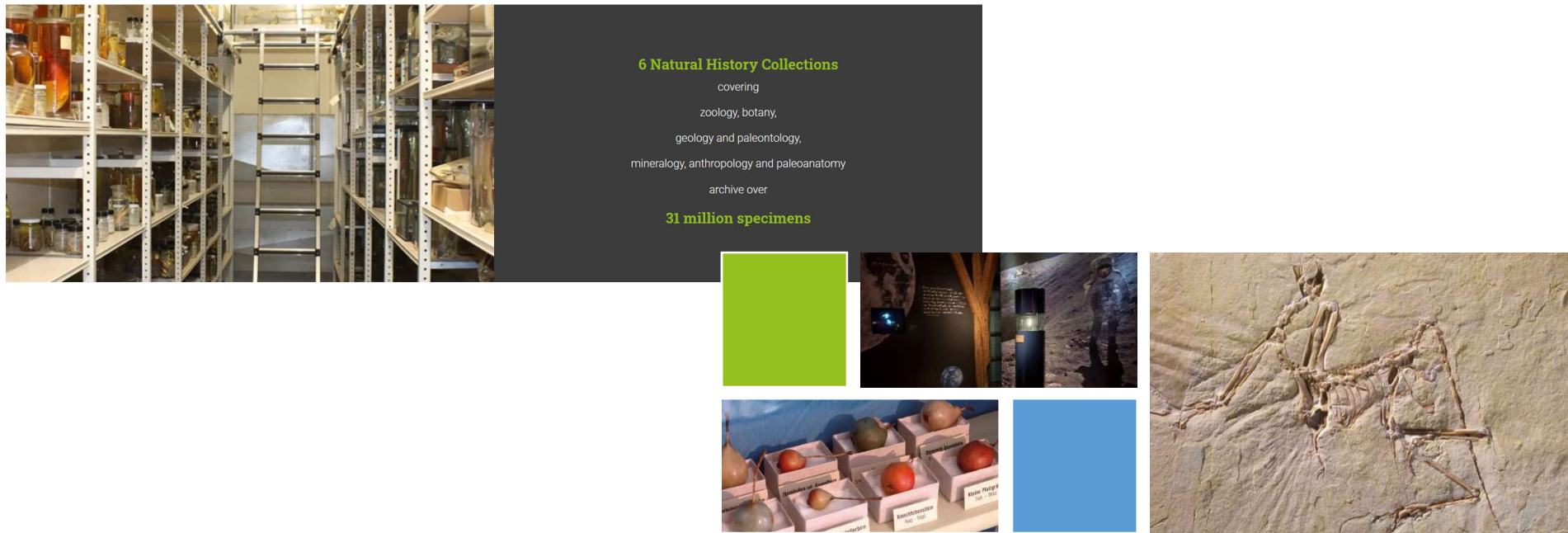
- founded 250 years ago
  - to bring together and merge all natural science collections of Bavaria, i.e. of the Bavarian Academy of Sciences, the king of Bavaria and the first university



# SNSB Nowadays

- more than 31 million preserved single nature objects
- some from expeditions to Africa

## Facts and numbers



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# SNSB Collections and research focus

- collection scope: worldwide
- the organisation has 300 employees
- several departments and regional museums



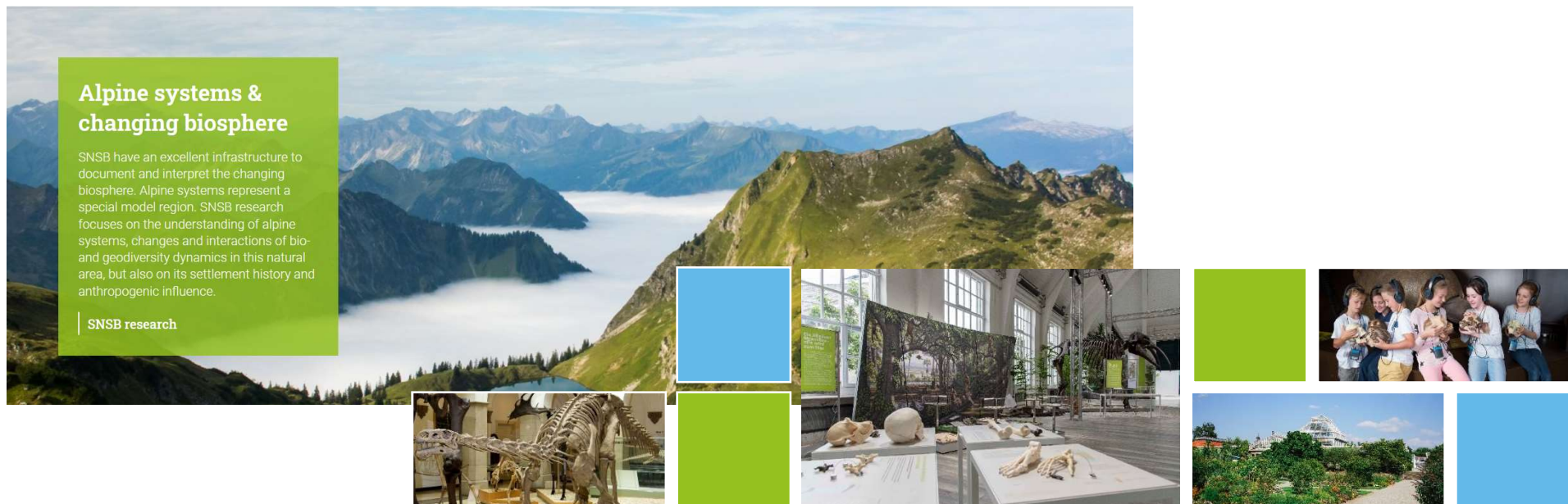
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# SNSB Collections and research focus

- several research profiles, among others:
  - changing biosphere
  - digital collections and collection-related data science



# SNSB data science

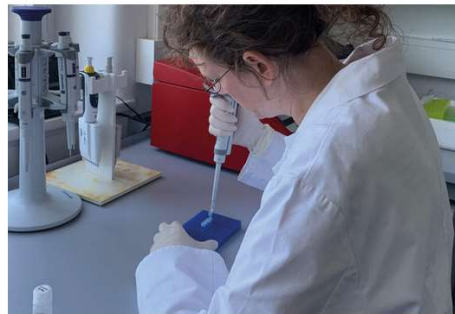
- Tanja Weibulat (data scientist, biologist, GBIF-D node staff)
- Dagmar Triebel (associated researcher, GBIF-D node manager)
- Stefan Seifert (Biodiversity Informatics Scientist, head of SNSB IT Center, remote)



# SNSB IT Center ([www.snsb.info](http://www.snsb.info))

- implement software (e.g. Diversity Workbench)
- run own infrastructure with APIs and tools
- manage, preserve and publish collection-related data products

## SNSB Core Facilities



### Genomics Core Facility

Research

Menzinger Str. 6780638 München Phone: +49-(0)89  
17861 206 Modern research in the life sciences is in [...]



### SNSB IT Center

Research

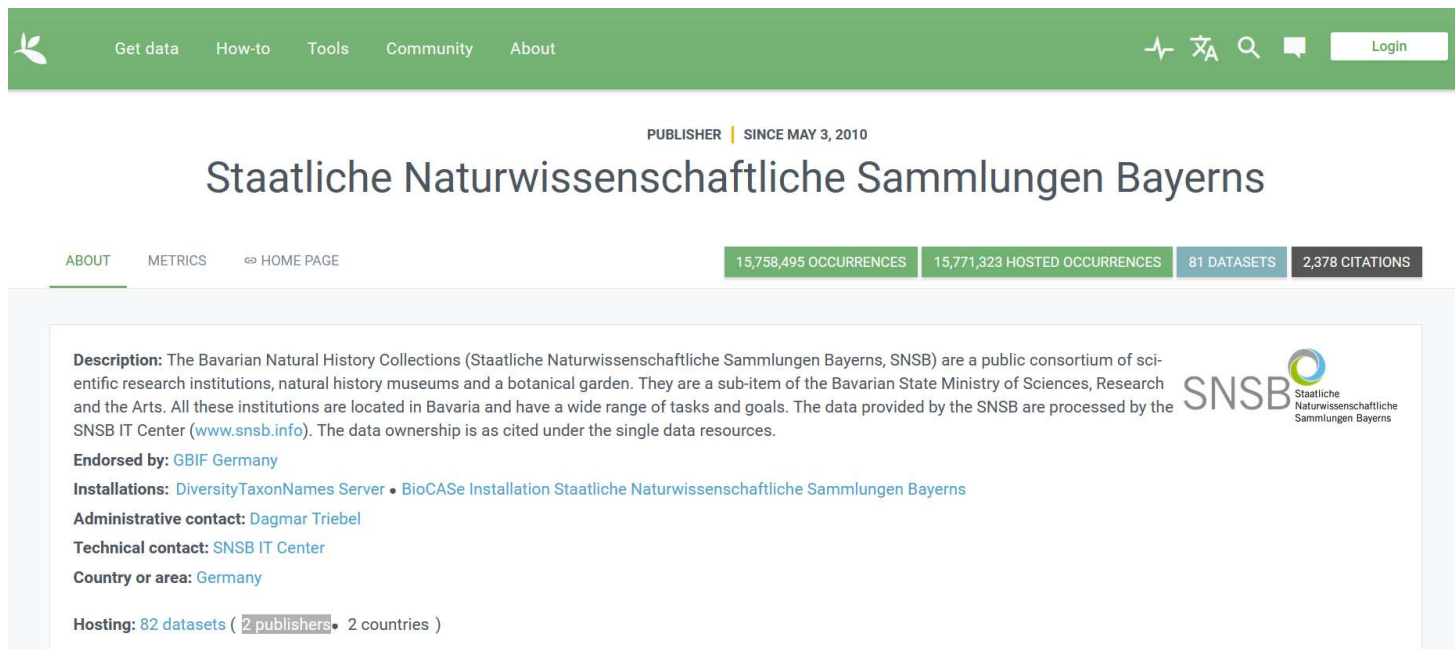
The Information Technology Center of the Staatliche  
Naturwissenschaftliche Sammlungen Bayerns is the [...]

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# SNSB IT Center ([www.snsb.info](http://www.snsb.info))

- manage data pipelines for networks like the Global Biodiversity Network (GBIF) and the German National Research Data Infrastructure (NFDI)
  - 15,7 mio. occurrence and checklist data records in GBIF



The screenshot shows the SNSB IT Center website. The header is green with navigation links: Get data, How-to, Tools, Community, About. On the right, there are icons for home, search, and a login button. Below the header, it says 'PUBLISHER | SINCE MAY 3, 2010'. The main title is 'Staatliche Naturwissenschaftliche Sammlungen Bayerns'. Below the title, there are statistics: 15,758,495 OCCURRENCES, 15,771,323 HOSTED OCCURRENCES, 81 DATASETS, and 2,378 CITATIONS. The main content area has a description of the SNSB, endorsed by GBIF Germany, and lists administrative and technical contacts. The footer of the screenshot shows the SNSB logo and the SNSB IT Center logo.

Get data How-to Tools Community About Login

PUBLISHER | SINCE MAY 3, 2010

## Staatliche Naturwissenschaftliche Sammlungen Bayerns

ABOUT METRICS HOME PAGE

15,758,495 OCCURRENCES 15,771,323 HOSTED OCCURRENCES 81 DATASETS 2,378 CITATIONS

**Description:** The Bavarian Natural History Collections (Staatliche Naturwissenschaftliche Sammlungen Bayerns, SNSB) are a public consortium of scientific research institutions, natural history museums and a botanical garden. They are a sub-item of the Bavarian State Ministry of Sciences, Research and the Arts. All these institutions are located in Bavaria and have a wide range of tasks and goals. The data provided by the SNSB are processed by the SNSB IT Center ([www.snsb.info](http://www.snsb.info)). The data ownership is as cited under the single data resources.

**Endorsed by:** [GBIF Germany](#)


**Installations:** [DiversityTaxonNames Server](#) • [BioCASE Installation Staatliche Naturwissenschaftliche Sammlungen Bayerns](#)


**Administrative contact:** [Dagmar Triebel](#)


**Technical contact:** [SNSB IT Center](#)

**Country or area:** [Germany](#)

**Hosting:** [82 datasets](#) ( [2 publishers](#) • [2 countries](#) )

 **SNSB** Staatliche Naturwissenschaftliche Sammlungen Bayerns

 **snsb** it center

 **SNSB** Staatliche Naturwissenschaftliche Sammlungen Bayerns

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# SNSB involvement with ITCER

- RDM Workshops 2022, 2023 and 2024 in relation to DWB and GBIF
- cooperation of GBIF participant nodes Kenya and Germany to mobilise data for GBIF
- engagement of SNSB IT Center in diverse and highly structured biodiversity data products as presented by ITCER
- engagement of SNSB IT Center in biodiversity informatics with tools realised by ITCER



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Thank you!



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