

The Bavarian Natural History Collections



History

- Founded 250 years ago to bring together all collections
 - owned by the Bavarian Academy of Sciences
 - owned by the king of Bavaria
 - owned by the first university in Bavaria



Expert Workshop on GBIF Data 2, 11/10/2032, ITCER, Siaya, Kenya

Dagmar Triebel

Nowadays

- More than 31 million preserved single nature objects
 - Minerals, rocks
 - Biodiversity collections
 - including fossils and corporeal relicts of (pre-)historical humans from Bavaria

Facts and numbers



Collections and research focus

- Collection scope: worldwide
- The organisation has 300 employees with permanent position, 40 of them are researchers and curators
- Several departments and regional museums



Expert Workshop on GBIF Data 2, 11/10/2023, ITCER, Siaya, Kenya

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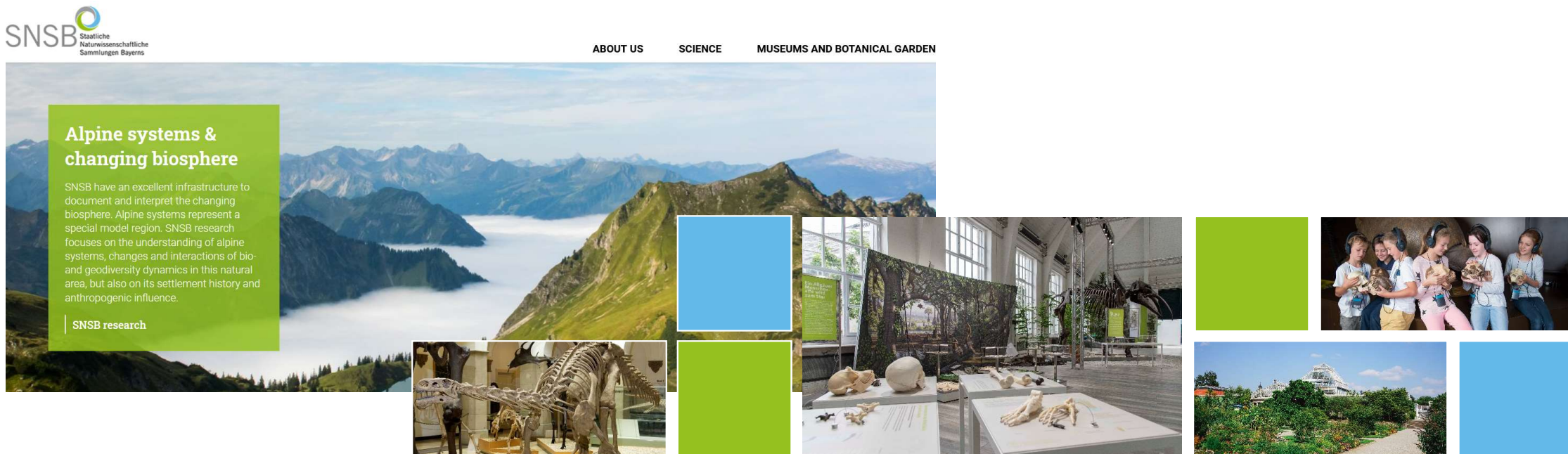


Collections and research focus

- Research profile

- Alpine systems and changing biosphere

- Digital collections and collection-related data science



Digital Collections and Data Science at SNSB IT Center

- implement software and tools, e.g. Diversity Workbench,
- run web services and data pipelines
- manage and publish collection and research data



SNSB IT Center

- 5 persons (software engineers, system administrators, data stewards)
 - Tanja Weibulat (data scientist, biologist, GBIF-D node staff)
 - Dagmar Triebel (associated researcher, GBIF-D node manager)



ABOUT US

SCIENCE

MUSEUMS AND BOTANICAL GARDEN



Digital Collections and Data Science

- SNSB acts as GBIF Data publisher
 - for occurrence data from collection specimens, samples, observations and from literature records
 - for species checklist data

The screenshot shows the SNSB website interface. At the top, there is a green navigation bar with a logo and links for 'Get data', 'How-to', 'Tools', 'Community', and 'About'. On the right side of this bar are icons for home, search, and a chat bubble, along with a 'Login' button. Below the navigation bar, the text 'PUBLISHER | SINCE MAY 3, 2010' is displayed. The main heading is 'Staatliche Naturwissenschaftliche Sammlungen Bayerns'. Below this, there are four statistics boxes: '15,694,327 OCCURRENCES', '15,707,155 HOSTED OCCURRENCES', '80 DATASETS', and '1,875 CITATIONS'. A secondary navigation bar includes 'ABOUT', 'METRICS', and 'HOME PAGE'. The main content area features a 'Description' of the SNSB as a public consortium of scientific institutions in Bavaria, followed by 'Endorsed by: GBIF Germany', 'Installations: DiversityTaxonNames Server • BioCASE Installation Staatliche Naturwissenschaftliche Sammlungen Bayerns', 'Administrative contact: Dagmar Triebel', 'Technical contact: SNSB IT Center', and 'Country or area: Germany'. It also mentions 'Hosting: 81 datasets (2 publishers • 2 countries)' and includes a 'Download activity report' button. The SNSB logo is visible in the top right corner of the content area.