

# ZFMK Data Center

The ZFMK Data Center is constituted by the Biodiversity Informatics section and the IT department at ZFMK. It is therewith part of the Zoological Research Museum Alexander Koenig (ZFMK). The GFBio data center is part of the ZFMK Data Center.

The data center provides data-flows, tools and services for ZFMK's research collections that have a focus on the terrestrial fauna with a worldwide coverage.

One of the collections is the Biobank that offers a specialized storage facility for the long-term storage of Tissue and DNA samples and is connected to the [Global Genome Network](#).

All data are stored in the collection management framework Diversity Workbench ([diversityworkbench.net](#)) including field- and collection data, as well as sequence and trace data from the [German Barcode of Life](#) project.

The Morphological Description and Multimedia Database [Morph·D·Base](#) is developed in the Biodiversity Informatics section and housed at ZFMK and is used for storing, archiving and dissemination of scientific multimedia content.

Data are published using the ABCD standard and the [BioCAsE Provider Software](#).

## Scientific data curation services (incl. taxonomic services)

The taxonomic expertise and interest is that of the ZFMK.

Special expertise in various groups of terrestrial animals exists. It is a precondition to successfully serve the GBIF-D Node Vertebrates.

## Data domains

Our first preference is to manage data of the collection domain. Apart from this we are specialized to manage, store and archive observation/monitoring data.

## IT services

### Data submission and accession:

- Mapping services for DiversityCollection Import

### Data integration and management:

- Diversity Workbench Metadata data bases and repositories; remote data management by researchers possible, see: Diversity Workbench Client Software(link is external).
- Morph·D·Base and easyDB multimedia data repository.

## Data publication:

- Metadata on species occurrences: collections.zfmk.de, Europeana, and GBIF Data publisher
- Media: Morph·D·Base and easyDB

From:

<https://datacenter.zfmk.de/wiki/> - **Datacenter Wiki**

Permanent link:

<https://datacenter.zfmk.de/wiki/start>

Last update: **2021/03/30 15:52**

