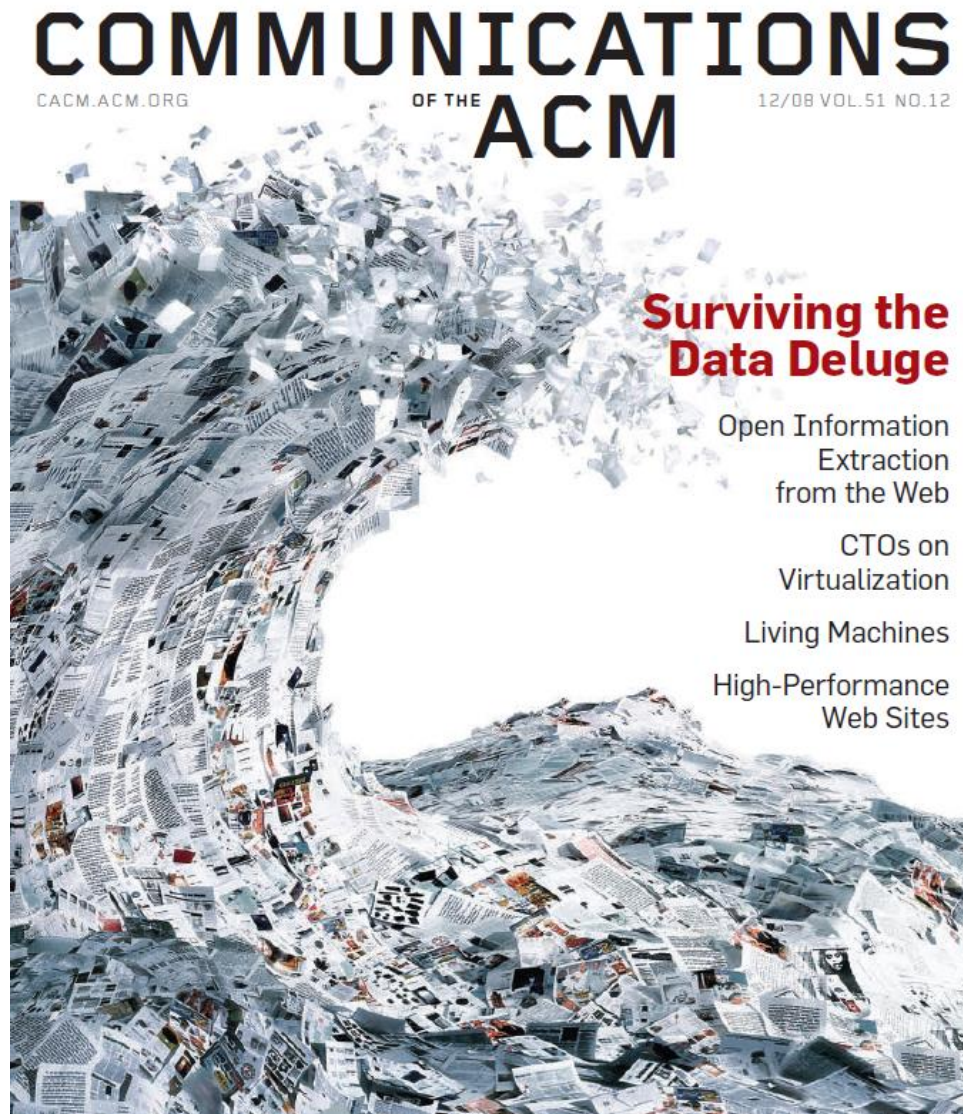


# Datenmanagement-Services: Ist die Bereitstellung von Infrastrukturen und Werkzeugen hinreichend?

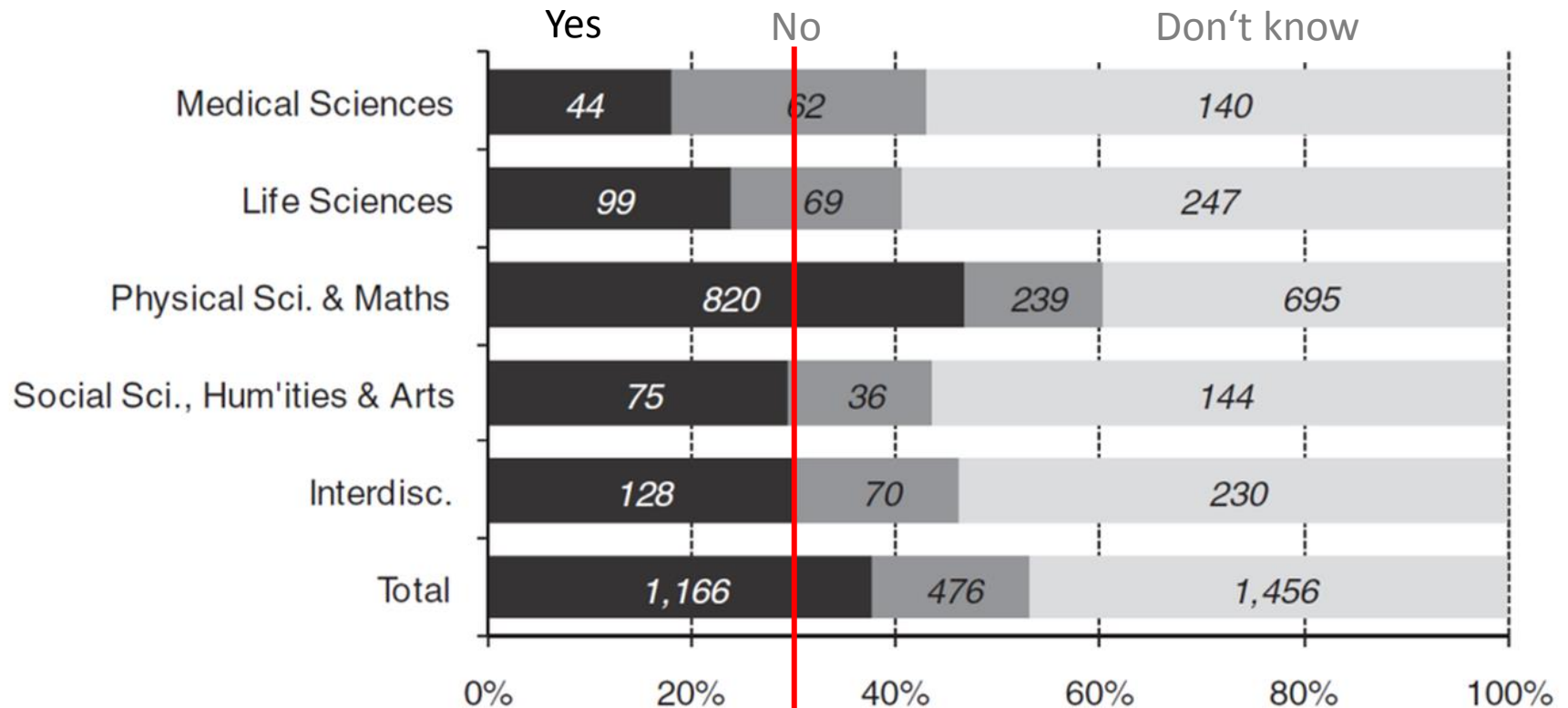
Juliane Steckel, Alejandra Sarmiento-  
Soler, Anna-Lena Schmidt, Orhan  
Ölmez, Jens Nieschulze











Creaser et al., 2010, New Review of Academic Librarianship

- Bewusstseinsmangel?
- Mangelnde Kenntnis Daten zu managen?
- Förderung des Bewusstseins, Outreach
- Ausbildung und Training (Daten, technische Werkzeuge)

# „GFBio“ – German Federation for the Curation of Biological Data



The screenshot shows the homepage of the German Federation for the Curation of Biological Data (GFBio). At the top, there is a dark blue navigation bar with links for 'Home', 'Imprint', and 'Contact'. Below this is a white navigation bar with the 'gfbio' logo on the left and links for 'About', 'Data', 'News & Events', 'Training', and 'Support & Helpdesk'. A red arrow points to the 'Training' link. The main content area features a large graphic of various biological images in circular frames, with the text 'Welcome to gfbio' overlaid. Below the graphic is a search bar labeled 'FIND DATA' with a magnifying glass icon. The page is divided into two columns. The left column contains the title 'german federation for the curation of biological data (gfbio)', a paragraph about the project's goals, and two more paragraphs detailing the infrastructure and planned services. The right column features a 'news & events' section with social media follow buttons for Twitter (@GFBio\_Project) and Facebook, and two news items: 'dec 08 - dec 09, 2014' and 'dec 02, 2014', each with a brief description of an event.

Home Imprint Contact

About Data News & Events Training Support & Helpdesk

gfbio

Welcome to gfbio

FIND DATA

german federation for the curation of biological data (gfbio)

Environmental and biological research is becoming central to major societal challenges related to the Earth's ecosystems and climate dynamics.

To handle the scale and complexity of the scientific questions being addressed, there is a strong need to integrate knowledge because biological data are currently scattered and difficult to share. We propose here a coherent infrastructure to improve scientific data integration and preservation.

The project brings together national key players providing environmentally related biological data and services to develop the 'German Federation for the Curation of Biological Data' (GFBio). The overall goal is to provide a sustainable, service oriented, national data infrastructure facilitating data sharing and stimulating data intensive science in the fields of biological and environmental research. The federation will build on proven data archiving infrastructures and workflows such as those of PANGAEA for environmental data and the resources of Germany's major natural history collection data repositories. The new infrastructure will improve and integrate these existing components within a common technological and organizational framework.

The planned infrastructure will address data management requirements of a large range of stakeholders including individual scientists, natural history collections as well as larger research networks. It will be capable to handle highly interdisciplinary heterogeneous data. Within the current project, special consideration will be given to genome data, ecological and environmental data as well as collection related data. Services provided by the GFBio will cover the full life cycle of research data from field or real time data acquisition to long term archiving and publication as well as analysis and re-use of these

news & events

Follow @GFBio\_Project

Follow Sign Up to see who your friends are following.

dec 08 - dec 09, 2014

First training course for data curators at the Stuttgart State Museum of Natural History.

This workshop primarily targets biologists/curators of the GFBio Collection Data Centers.

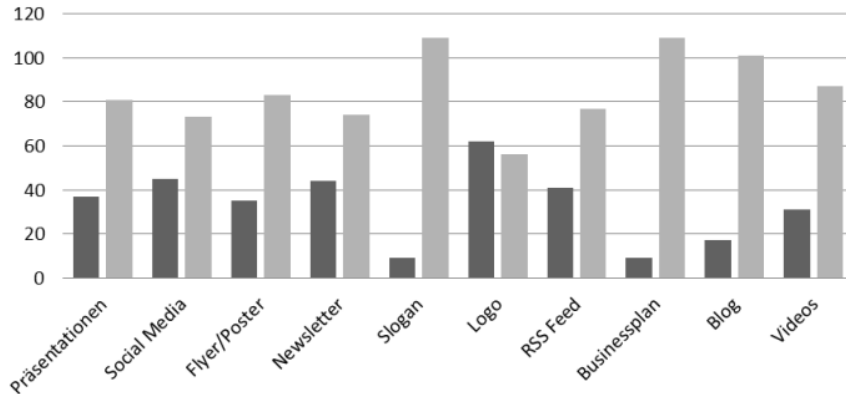
read more: <http://www.gfbio.org/news-events>

dec 02, 2014

24th Diversity Workbench Workshop at the SNSB IT Center Munich

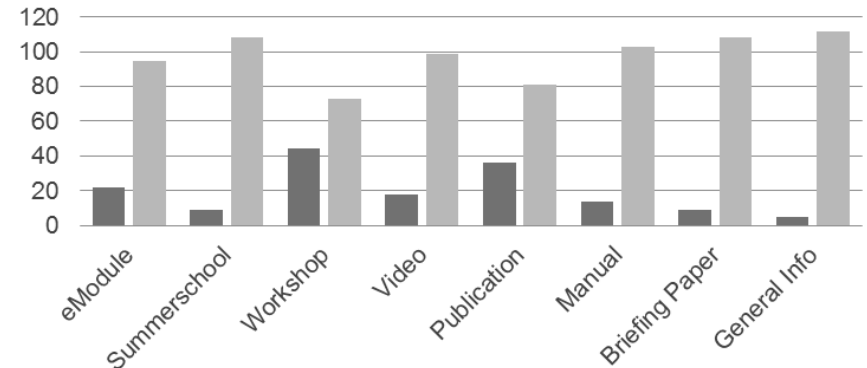
The central topic of the workshop will be the management of the different types of primary biodiversity research data, contextual data of

## Outreach



■ Vorhanden

## Training

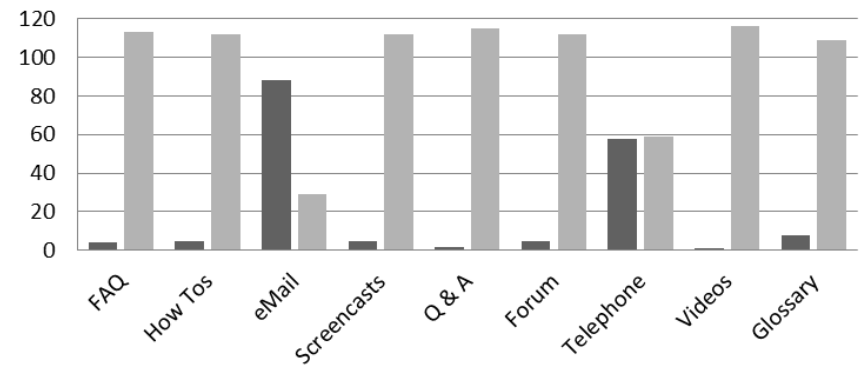


■ Nicht vorhanden

## Evaluation Maßnahmen/Lehrangebote

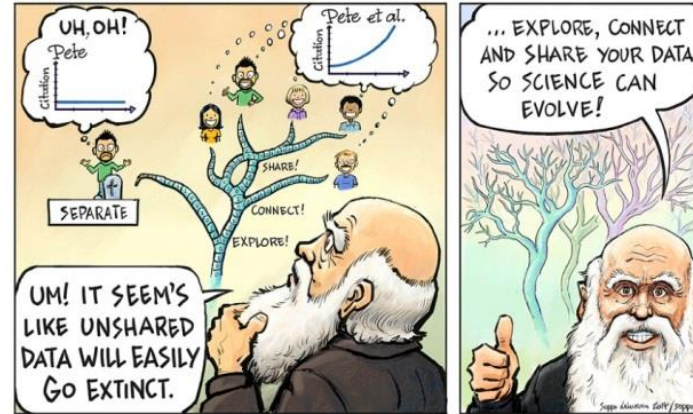
- 118 nationale & internationale Organisationen
- Outreach: 8-39% (außer Logo)
- Training: 8-39%
- Helpdesk: 1-5% (außer Email und Telefon)

## Helpdesk



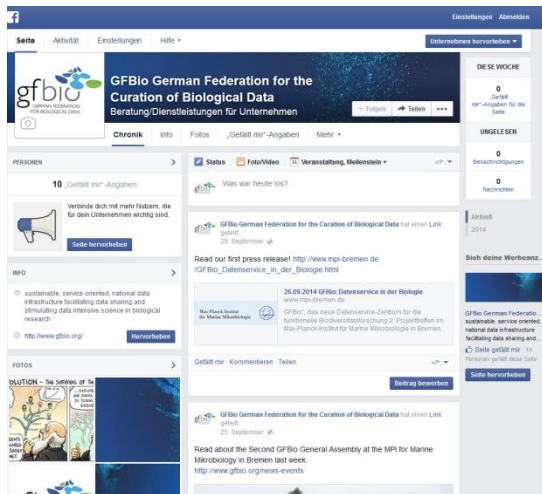


## DATAVOLUTION – THE SURVIVAL OF THE BITTEST



GFÖ-Konferenz  
2014, Hildesheim  
(Gesellschaft für  
Ökologie)

Jährlicher Cartoon-  
Wettbewerb



## Wissenschaftsgemeinschaft einbeziehen:

- Pro-aktiv: „Roadshow Long-tail-of-science“ (Assemblies, individuelle DFG-Projekte)
- Pro-aktiv: Workshops (GFÖ, iDIV, Verbundprojekte)
- Interaktiv: Trainingsmaterial auf Homepage
- Interaktiv: Social Media (Twitter, Facebook)

## **(1) Aufgaben für RDA, den Aufbau von Dateninfrastrukturen zu unterstützen:**

- a. Gezielte, progressive Beratung (Workshops, Informationsmaterial etc.)

## **(2) Soll GFBio-Studie disziplinär ausgeweitet werden?**

- a. GFBio: Genetik, Geowissenschaften, Zoologie, Botanik, Mykologie, Ökologie, Molekularbiologie
- b. Disziplinäre Ausweitung -> vergleichbare Studie im Vorfeld

## **(3) Möglichkeiten/Themen mit GFBio und RDA-Relevanz gemeinsame Schnittmengen**

- a. Disziplinär: IG „Biodiversity Data Integration“ (Yde de Jong, Nicola Nicolson, Vince Smith, Paul Kirk, Dimitris Koureas)
- b. Technologisch/Infrastrukturell: IG „Archiving multimedia interactive /dynamic data and projects“ (Kwinn H Doran)
- c. Bewusstseinsbildend: IG “Education and Training on handling of research data” (Miguel-Angel Sicilia, Yuri Demchenko, Natasha Balac) und IG „Long tail of research data” (Kathleen Shearer, Najla Rettberg, Wolfram Horstmann)
- d. Vorschlag: IG „Outreach in data management“ oder „Incentives for data sharing“ oder „Awareness raising for data management“