

Open Science and collections in Austria

Dr. Katrin Vohland

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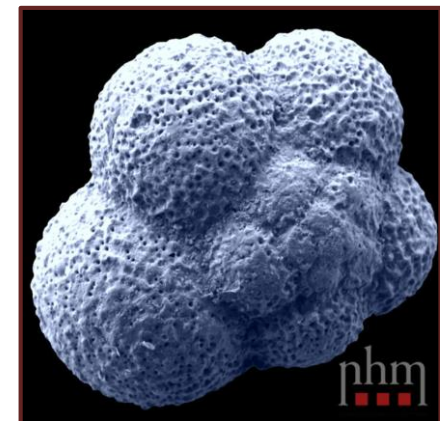
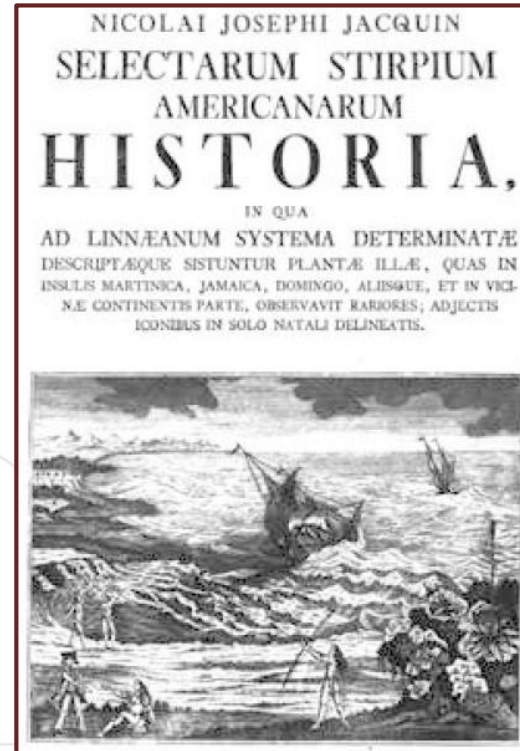
The Museum of Natural History Vienna

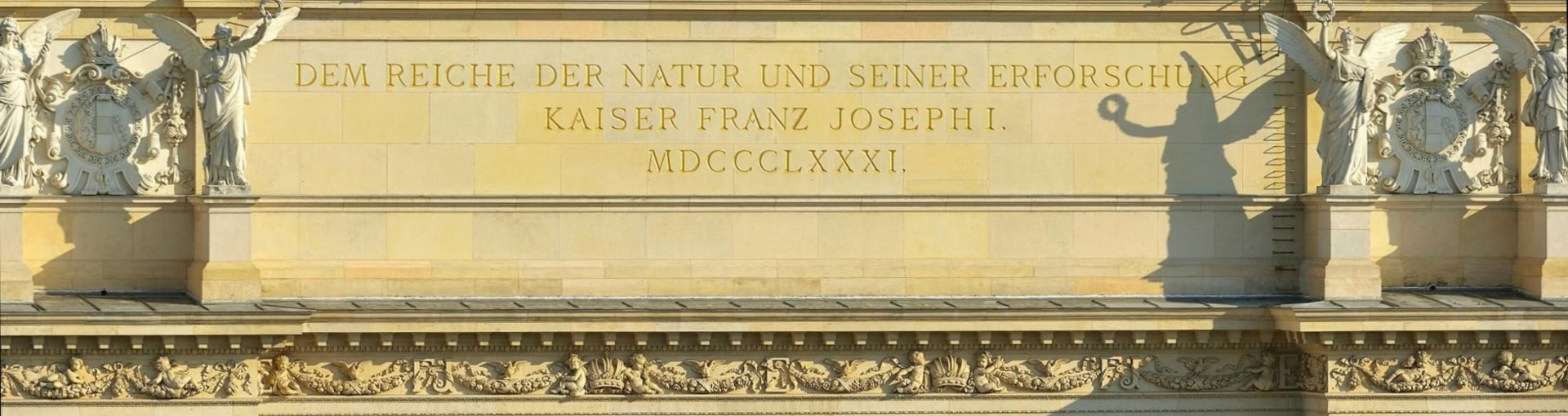
Why Open Science

Structure and target of this workshop



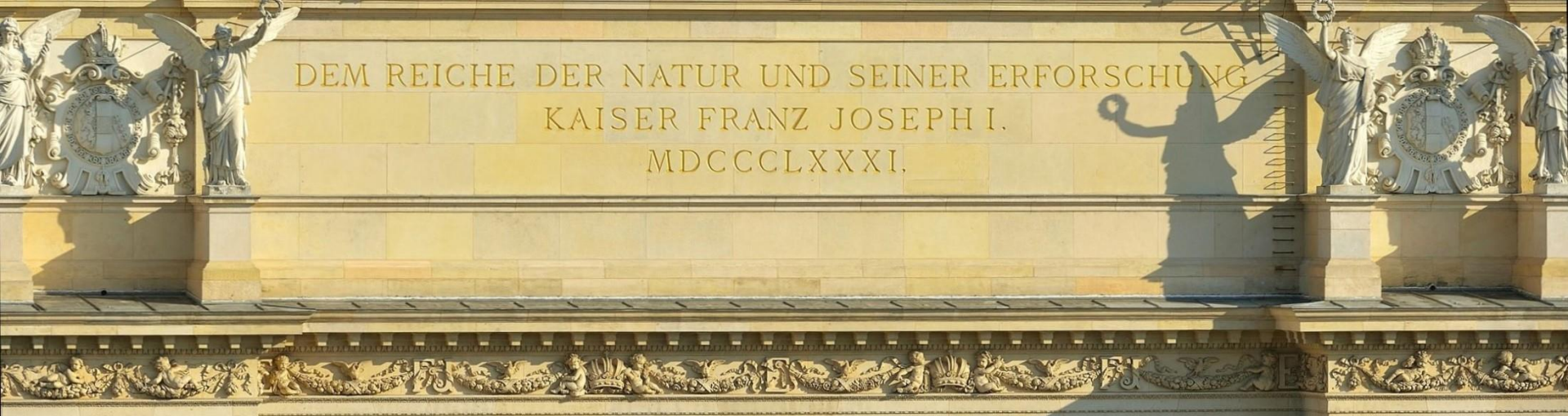
Collections and Research





Vision Statement

The Natural History Museum aims to make a significant contribution to sustainable development in Austria, Europe and the world. We strive to achieve this goal through our excellent disciplinary, interdisciplinary and participatory research, by opening up our collections to a wider audience using digital technology, by employing innovative, inclusive and inspiring approaches to teaching science, and by becoming a fully carbon-neutral museum by 2030.



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Everything you can find **What's in a museum specimen?**

Studies on collections have contributed to illustrate what kind of information each physical specimen contains and which goals that information may serve to. The accurate, persistent and precise data that can be extracted from specimens enable scientists to establish the relevant services that the broader community needs as the basis for innovative approaches and new discoveries.



-  **Genomic data**
-  **Biochemical data**
-  **Morphological data**
-  **Geographical data**
-  **Taxonomic information**
-  **Species interactions data**
-  **Ecological data**

E.g. ABOL

E.g. Link Tissue-DB

E.g. Photographies

Link Backbones

2D & 3D figures /ct-scans

Scientific value of collections and their opening



MANIFESTO FOR EU COVID-19 RESEARCH

Maximising the accessibility of COVID-19 research results in the fight against COVID-19

The Commission has launched a [Manifesto](#) to maximise the accessibility of research results in the fight against COVID-19.

The manifesto provides guiding principles for beneficiaries of EU research grants for coronavirus prevention, testing, treatment and vaccination to ensure that their research results will be accessible for all and guarantee a return on public investment.



KURIER

ronik ▾ Wirtschaft Sport ▾ Wissen ▾ Freizeit ▾ Kultur ▾ Stars MEHR ▾



WISSEN WISSENSCHAFT 12.10.2020

Auch in Wien: Museen erfassen Fledermäuse für Virenstudien

Wegen Covid-19: Neun renommierte Naturkundemuseen in Europa, darunter das Naturhistorische Museum Wien, erfassen Bestände für Virenstudien.

Open Science and collections in Austria

I: Open Science on a strategic and policy level

- Dr. Kostas Glinos (Head of Unit for Open Science at European Commission): Vision of Open Science in Europe and and beyond
- Dr. Stefan Hanslik (Austrian Federal Ministry of Education, Science and Research): Open Science as a vision for Austria
- Prof. Dr. Andreas Rauber (TU Vienna): Open Science and the EOSC: Building Blocks for FAIRness for Public and Sensitive Data

Open Science and collections in Austria

II: Open Science implementation

- Mag. Heimo Rainer (NHM Vienna): State of Open Collections at the NHM and in Austria
- Olaf Bánki (Naturalis) & Markus Döring (GBIF): Catalogue of Life in the context of Open Science
- Dr. Susanne Blumesberger (Uni Wien): Open Access as a key contribution to Open Science
- Dr. Stefan Eichert (NHM): Overcoming Borders between Disciplines - Connecting History, Archaeology, and Sciences by digital Means
- Mag. Iris Ott (NHM): The Deck 50 as experimental place to engage the public

Open Science and collections in Austria

II: Open Science – practical questions and discussions

In German

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Thank you for your attention!
Let's have an interesting day
on digitally opening the
collections!

