

Open Science, EOSC, and scientific collections

– current developments and future options

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Austrian EOSC Mandated Organisation
EOSC Support Office Austria



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Scientific Collections?

Open Science and collections

Example Austria and the NHMW

Outlook

Scientific Collections





Thailand: Phrae Prov.
15 km E Phrae, Mae Khaem
16.11.1995, 350m
leg. H. Zettel (16b)

H o l o t y p u s
C h e n e v e l i a
s t r i d u l a n s s p . n .
d e s . H . Z e t t e l 1 9 9 6

NHMW-Hemipt.-Inv.No.
000 015 557

Fundortetikett (oben), Typusetikett (Mitte), Sammlungsetikett (Inventarnummer; unten)
eines trocken konservierten Insekts (Holotypus von *Chenevelia stridulans*, Veliidae; Foto:
H. Bruckner, NHM Wien)

Image:1 of 2 Bestimmung durchgeführt hat, und eine Datierung. Hierzu zählen auch die Typus-

Scientific Collections

In museums



<https://www.anatomie-innsbruck.at/museum/>

In universities



https://bibliothek.univie.ac.at/sammlungen/numismatische_sammlung.html

Even in monasteries












<https://stiftadmunt.at/museen/naturhistorisches-museum/>

Open Science in Museums - Strategy of the Naturhistorisches Museum Wien (NHMW):

The benefits of openness

Authors:

Vohland, Katrin ; Eichert, Stefan ; Fiedler, Sarah; Kapun, Martin ; Kroh, Andreas ; Mehu-Blantar, Ines ; Ott, Iris ; Rainer, Heimo ; Schwentner, Martin ; Zimmermann, Eva 

<https://doi.org/10.5281/zenodo.6505108>

Open Collections

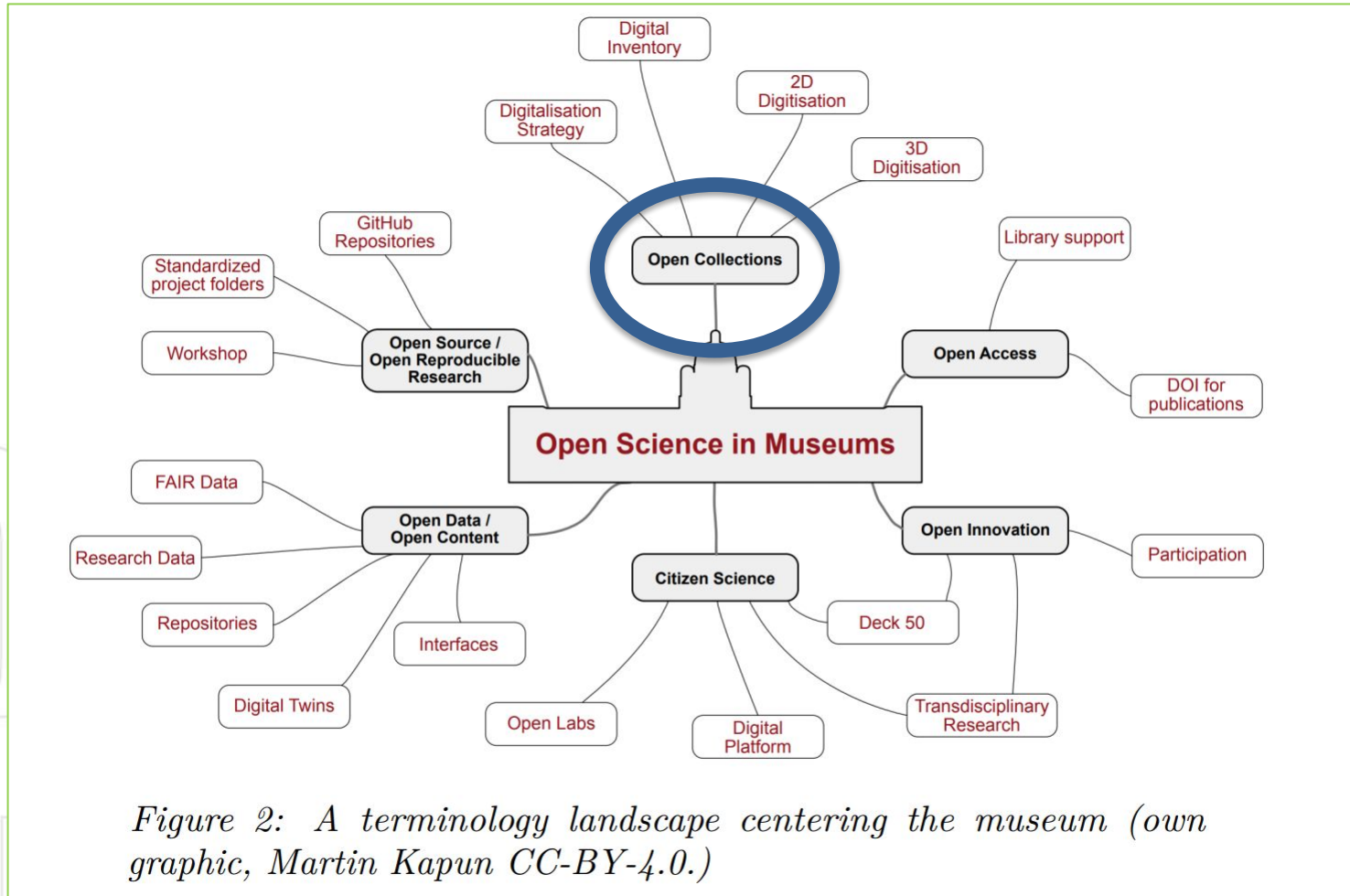
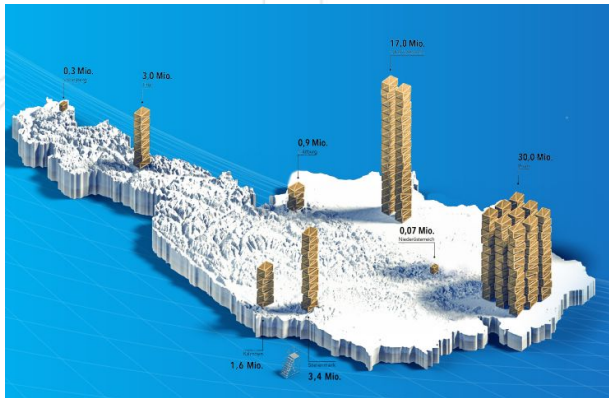


Figure 2: A terminology landscape centering the museum (own graphic, Martin Kapun CC-BY-4.0.)

<https://doi.org/10.5281/zenodo.6505108>

Open Collections

naturhistorisches museum wien
1010 wien, burgring 7 | www.nhm-wien.ac.at



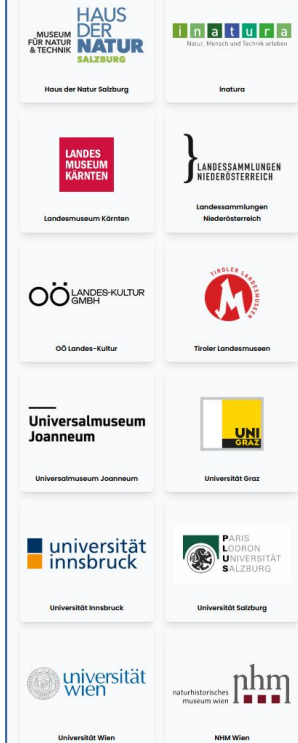
Zahlen und Fakten

Die österreichischen naturhistorischen Sammlungen beinhalten:

 98.700 Anthropologie	 11.231.762 Botanik	 24.398.169 Invertebrata
 2.284.062 Vertebrata	 7.220.735 Palaeontologie	 325.910 Geo- & Mineralogie
 10.310 Astrogeologie	 10.250 Mikroorganismen	 36.000 andere Geo-Bio


Partner des OSCA Konsortiums

Das OSCA Konsortium umfasst folgende Konsortien:



<https://osca.science/>

Unterstützt durch das
Bundesministerium für Kunst, Kultur, öffentlichen Dienst und Sport

 Bundesministerium
Kunst, Kultur,
öffentlicher Dienst und Sport

And the  EOSC

naturhistorisches museum wien
1010 wien, burgring 7 | www.nhm-wien.ac.at 

NHMW is one of 5 members in Austria

As real member (10.000 € / Year)



NHMW is active in



Austrian EOSC Mandated Organisation
EOSC Support Office Austria

- Co-Speaker of Steering Committee
- Speaker of the Management Committee

- Co-Speaker of the Working Group KPIs
- Speaker of the Working Group Collections

Expectations and outlook

Standards

Vision: Standards for Open Science are established

Success: Various activities at national and international level



FAIR
OFFICE AUSTRIA

Expectations and outlook

Research

Vision: Open linked data for a variety of research questions

Success: Member of successful EU project FAIRiCUBE, starting in 2022



Expectations and outlook

Research Infrastructure

Vision: DiSSCo becomes an ERIC with Austrian participation

Success: Member of the DiSSCo prepare projects; Austrian community established OSCA.

Databases such as JACQ or Thanados become international reference systems.



Expectations and outlook

Capacity Building

Vision: Open Science as the „new normal“, supported by skilled staff

Success: Member of Skills4EOSC starting in 2022, focussing on Open Scientific Collections
(OS, FAIR and RDM skills; case studies for policy)



Thank you very much for your attention!

