BIALYSTOK UNIVERSITY OF TECHNOLOGY

BIAMAN
MIEJSKA SIEĆ KOMPUTEROWA W BIAŁYMSTOKU

OPEN FOREST DATA

Mammal Research Institute
Polish Academy of Sciences
Białowieża

Dataverse Community Meeting 2020
Held Remotely on June 17, 18, and 19

The Dataverse® Project

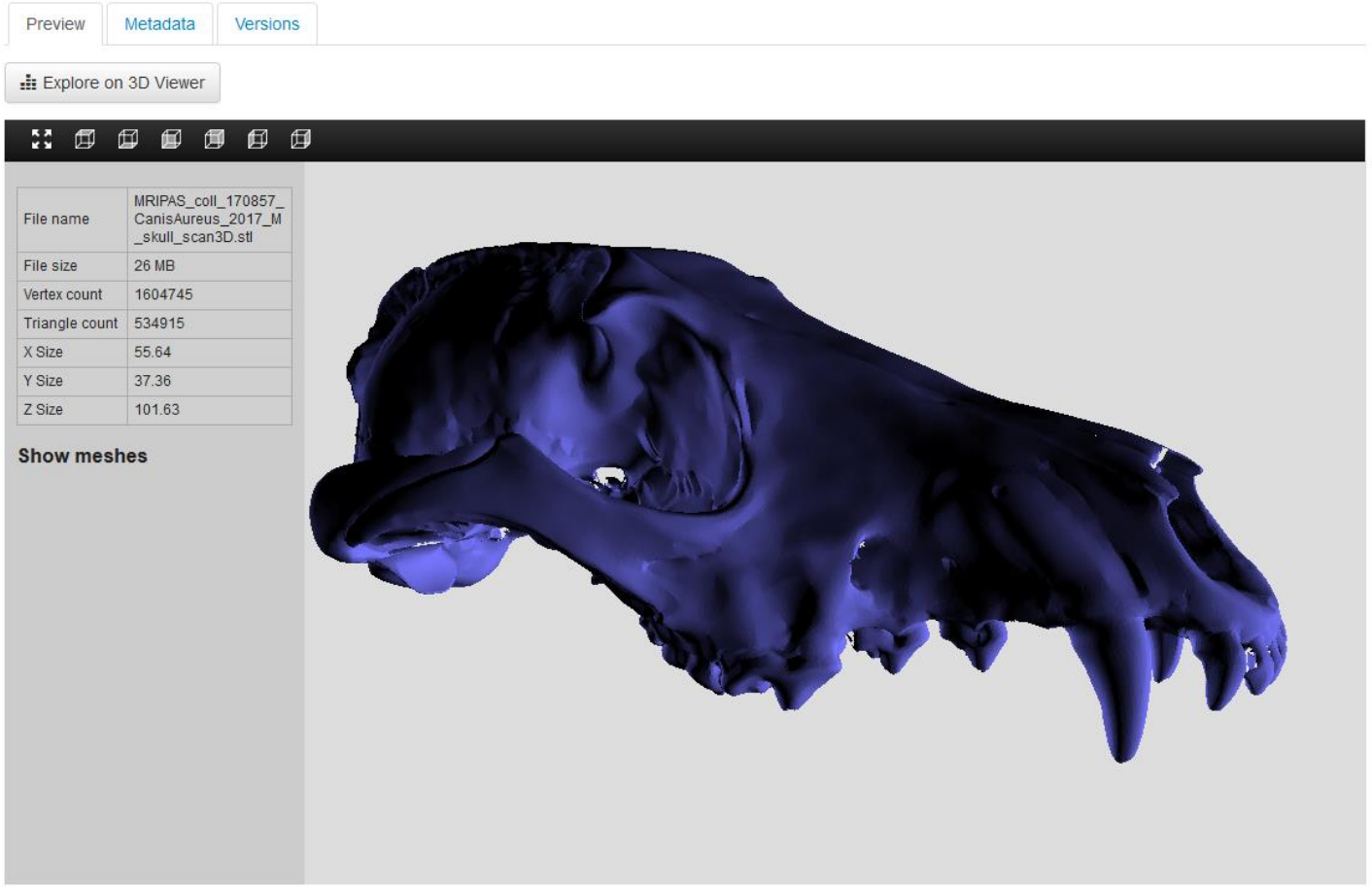
A set of a new Dataverse external tools for advanced data visualization in hard sciences

https://openforestdata.pl

Kamil Guryn

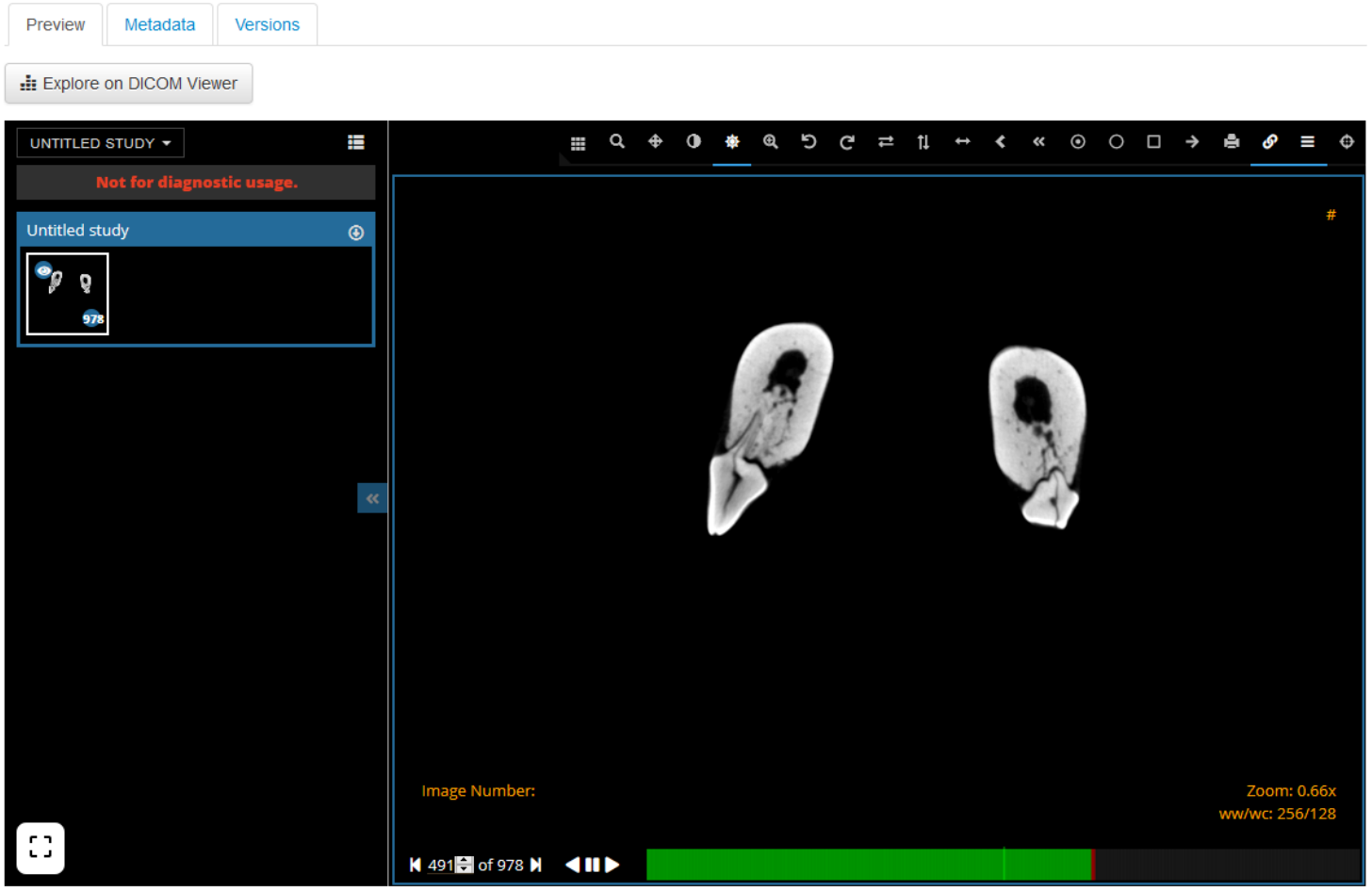
Bialystok University of Technology

1. 3D Viewer



Golden jackal (Canis aureus)

2. DICOM Viewer



Computer tomography image of Apodemus Flavicollis

3. Chart Viewer

Preview | Metadata | Versions

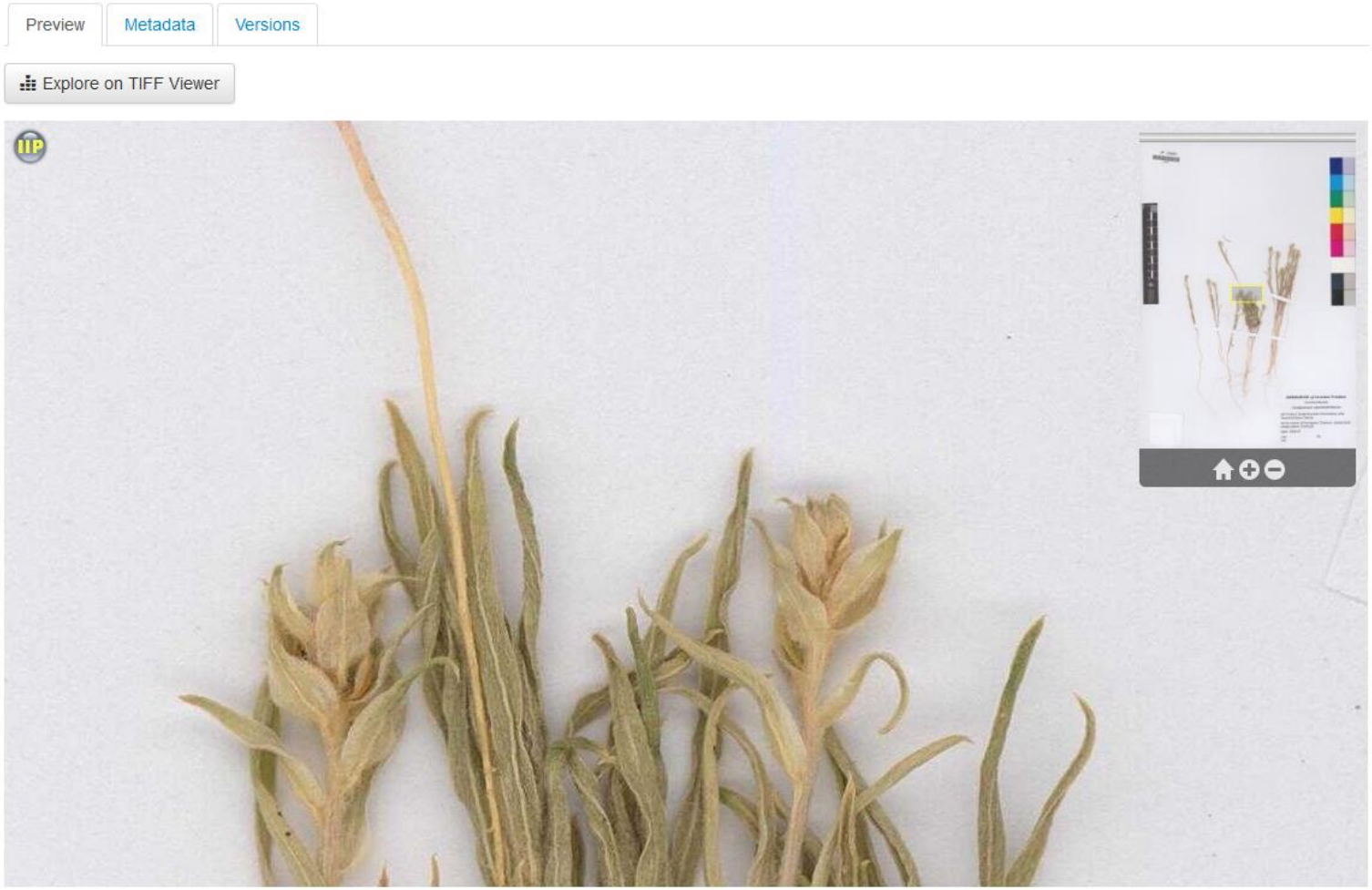
Explore on Chart Viewer

4. Map Viewer

Preview | Metadata | Versions

Explore on Maps Viewer

5. TIFF Viewer

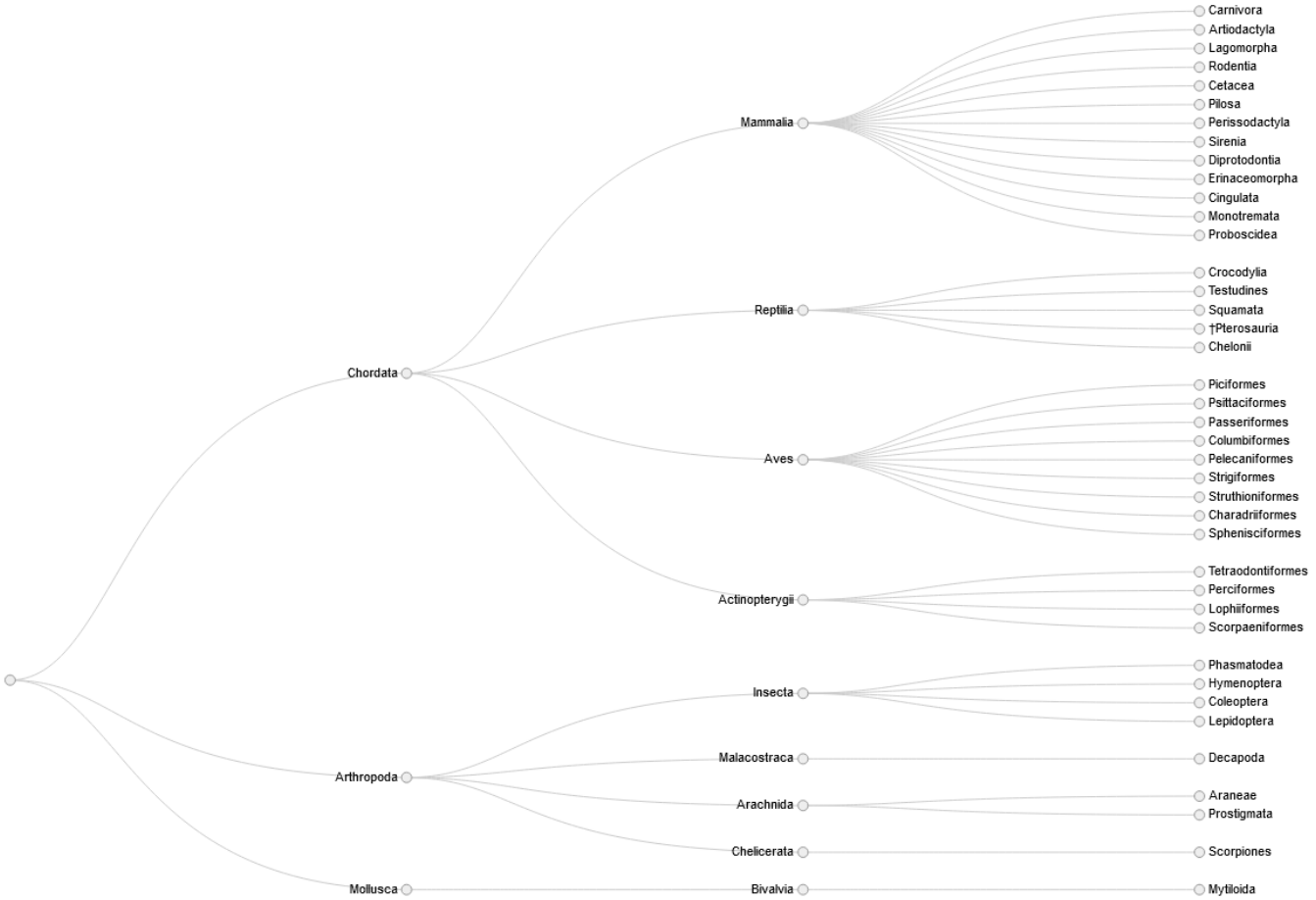


External tools gives a very attractive and even crucial functionality for the typical end users of hard science portals

With external tool mechanism, it’s not necessary to create a fork of Dataverse. Thank you Harvard and the community for that ☺

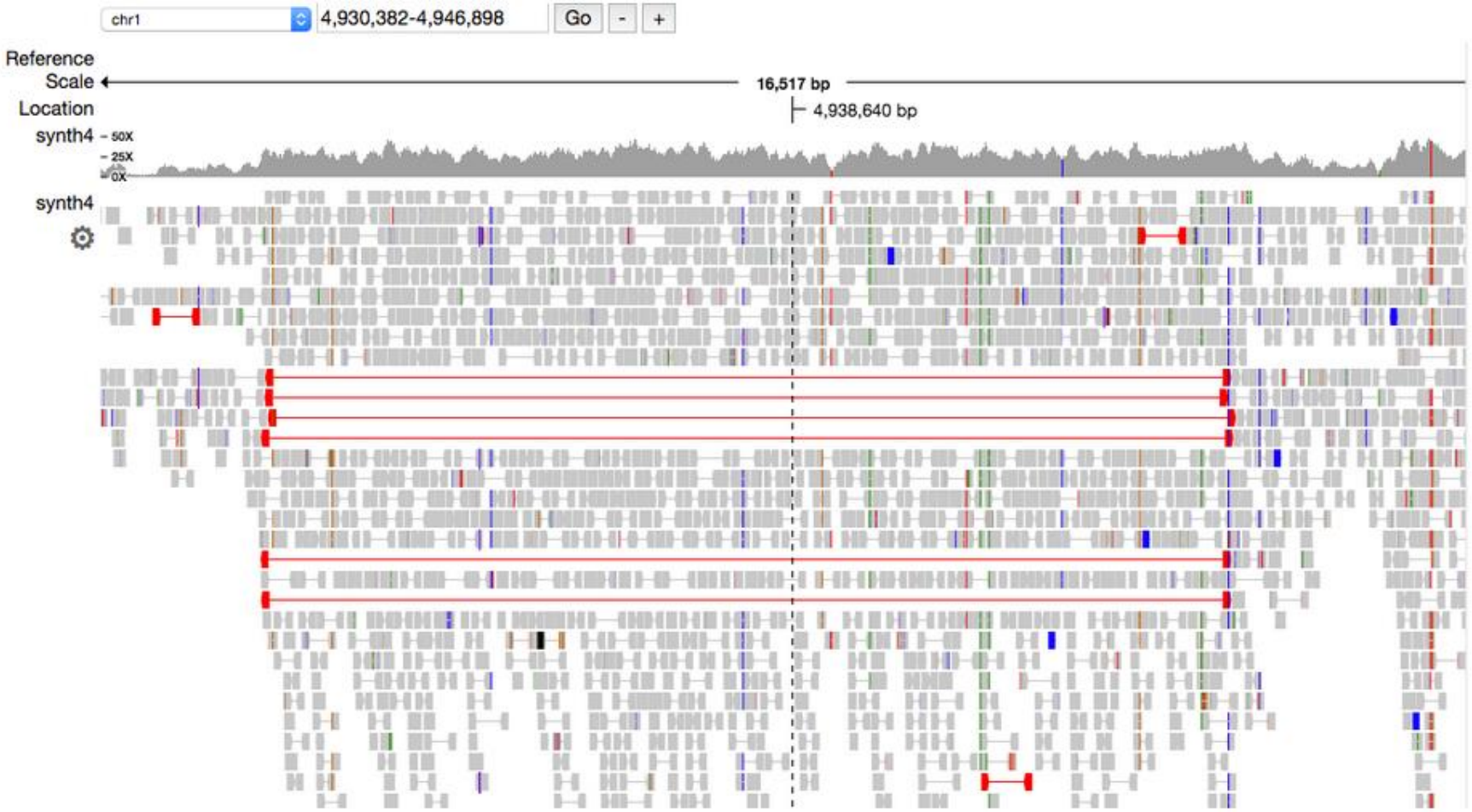
Ideas of another external tools:

RAWGraphs.io Viewer



Cluster dendogram (Hierarchy)

Pileup.js Viewer



pileup.js: a JavaScript library for interactive and in-browser visualization of genomic data

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LIVE DEMO

Link to a dataset with a collection of Dataverse external tools for advanced data visualization in hard sciences:

https://openforestdata.pl/dataset.xhtml?persistentId=doi:10.5072/FK2/8PMY7B

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Thanks for your attention, any questions?

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