

Documenting Albrecht Dürer

Theorie & Practise

Georg Hohmann
Germanisches Nationalmuseum
Department of Cultural Informatics
Kartäusergasse 1, 90402 Nuremberg, Germany
g.hohmann@gnm.de

A Work of Art



Core Data

- Name of the Artist
- Title of the Work of Art
- Date of Creation
- Material & Technique
- Dimensions
- ...

- Inventory Number
- Value (Price, Insurance)
- Location (Building, Room)
- Provenance
- ...

Example: External Data Resource

- Artist
 - Birth place and date
 - Death place and date
 - Literature about the artist
- Already available external data can be used to enrich local data
- Retrieving personal data about Albrecht Dürer from the German National Library
 - <http://d-nb.info/gnd/11852786X>

Example: External Data Resource - PND

PND	
Link zu diesem Datensatz	http://d-nb.info/gnd/11852786X
Person	Dürer, Albrecht (männlich)
Andere Namen	Dürer, Albrecht Dürer, Albert Dürer, Albert Albrecht Durer, ... Durero, Alberto Durero, ... Durerus, Albertus Dürer, Albreht Dürers, Albrehts Djurer, Albrecht Djurer, A. Dürrer, Alb. Dyûrâ, ... Dürer, Alberto Dürer, ... Duerer, Albrecht Dürero, Alberto Durer, Albert Durer, Alberto Durer, Albertus Durer, Albrecht
Quelle	M; B 1986; LCAuth; LMA,III,1473
Lebensdaten	1471-1528
Beruf(e)	Künstler Maler Zeichner Kupferstecher
Land	Deutschland (XA-DE)
Weitere Angaben	Dt. Maler, Zeichner, Grafiker und Kunstschriftsteller
Beziehungen zu anderen Personen	Frey, Anna (Schwiegmutter) ; Frey, Hans (Schwiegevater) ; Dürer, Albrecht (Vater) ; Dürer, Endres (Bruder) ; Dürer, Hans (Bruder) ; Frey, Agnes (Ehefrau)

- Stylistic details
- Iconographic details
- Date of Creation of the art work
- Social and Cultural influences
- ...

- As this kind of data is a result of scientific research, it may not be retrieved from an external resource.
- Nevertheless external data resources can be used support scientific research.

Iconographic Details

- What kind of flower does he hold?
- Need of additional data from a different scientific discipline!
- Need of communication between different scientific discipline!

Example: Botany



- „The picture shows a small green plant. It has small green blossoms and long and thin leaves. What can it be?
- „It may be an Eryngium.“
- „Is it possible that Dürer might have seen such a plant in South Germany around 1490?“
- „There are around three species that are spread in Germany at this time.“
- „Which species?“
- „Eryngium campestre, Eryngium maritimum and Eryngium planum.“
- <http://data.gbif.org/species/13744400/>

Example: Botany - GBIF

According to The International Plant Names Index: IPNI

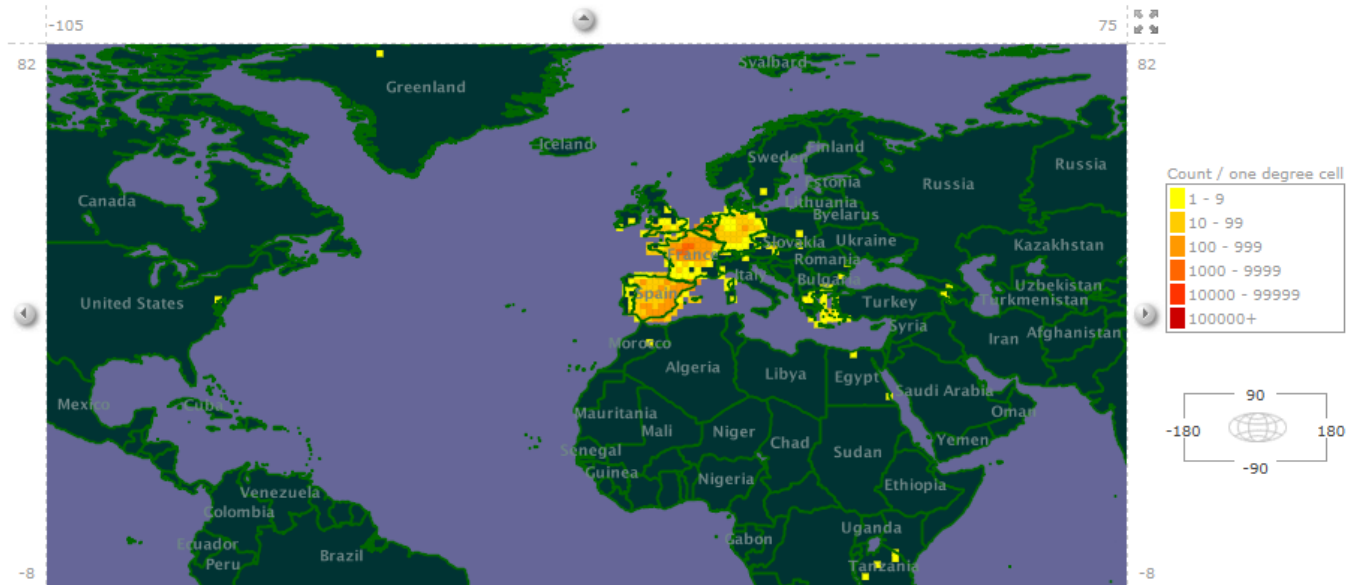
Name *Eryngium campestre* L.
Classification »Kingdom: Plantae »Family: Apiaceae »Genus: *Eryngium* »Species: *Eryngium campestre*
Record identifier 88134-3
Globally unique identifier urn:lsid:ipni.org:names:88134-3
Feedback  Feedback to The International Plant Names Index on the classification of *Eryngium campestre* L.

Please note that this feedback reaches the publisher of the nomenclatural (name-related) information. If your feedback concerns specimens or observations, please use the feedback link from the Occurrences page instead.

Type specimens

Catalogue Number	Type Status	Typified Name	Data Publisher	Dataset
84955-1	T		GBIF-Spain	Real Jardin Botanico (Madrid), Vascular Plant Herbarium (MA)

Occurrence overview

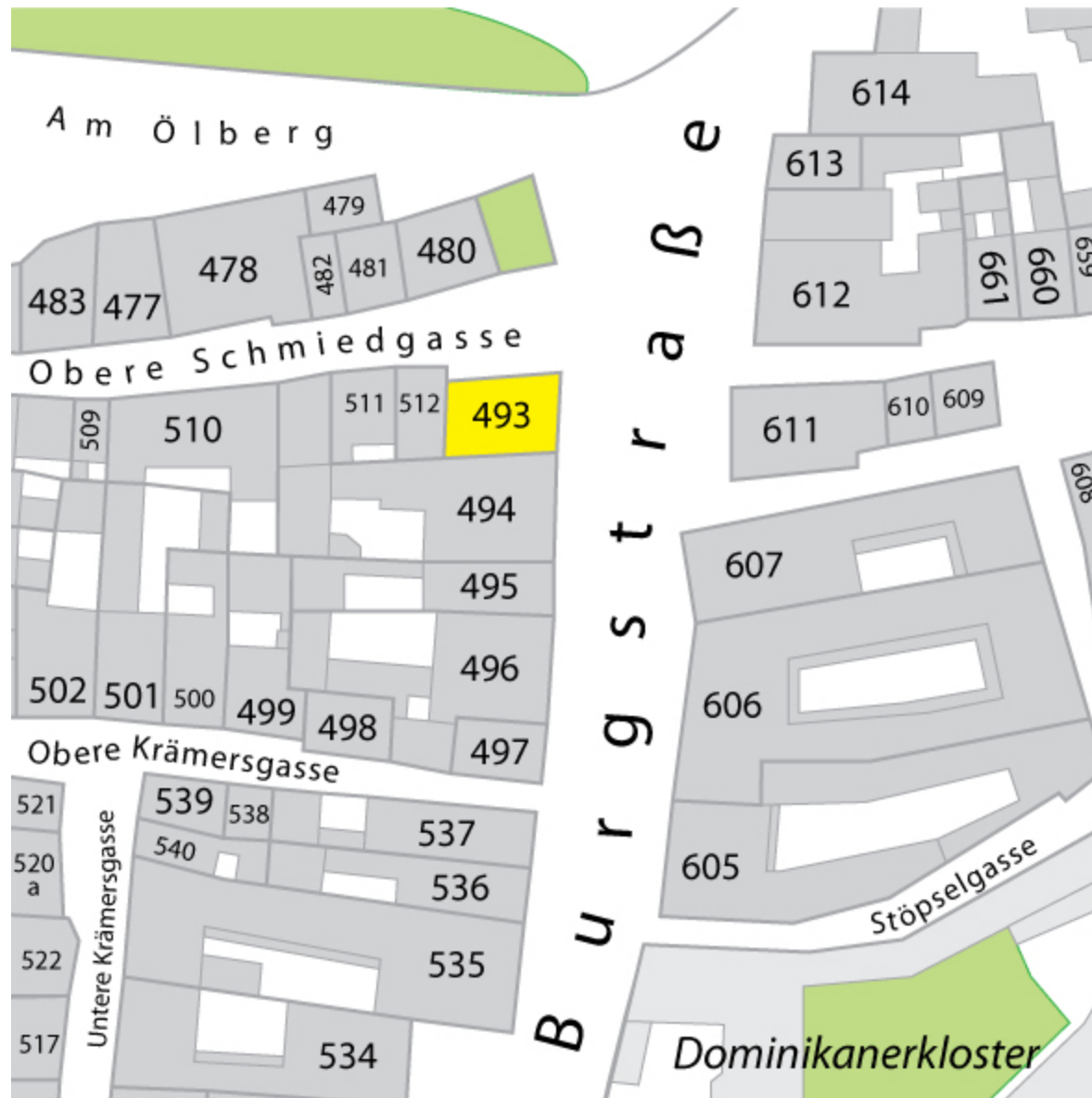


- Which persons might have influenced Dürer since he was born?
- Need of additional data from a different scientific discipline!
- Need of communication between different scientific discipline!

Example: Real Estate

- Historical Register of Real Estate: Nuremberg, Sebald District
- Where did he grow up?
- Who lived in the neighbourhood?
- <http://wisski.gnm.de/duerer/static/cat/>

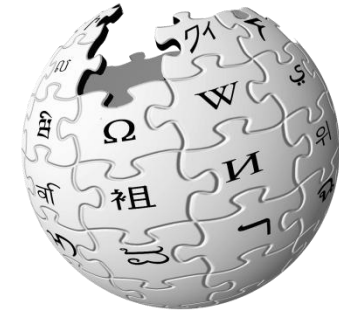
Example: Real Estate – Prerequisite Knowledge



Result



Albrecht Dürer
Self-Portrait (1493)
Louvre, Paris



WIKIPEDIA
The Free Encyclopedia



**GLOBAL
BIODIVERSITY
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FACILITY**

Scientific documentation is already a transdisciplinary effort!

- Transdisciplinary Research and Data Integration is still done manually
 - ... although the data in need is digital and available

- Transdisciplinary Research and Data Integration should be assisted by machines
 - ... and data in need should be accessible, retrievable and processable by the click on a button
- How can we achieve this?