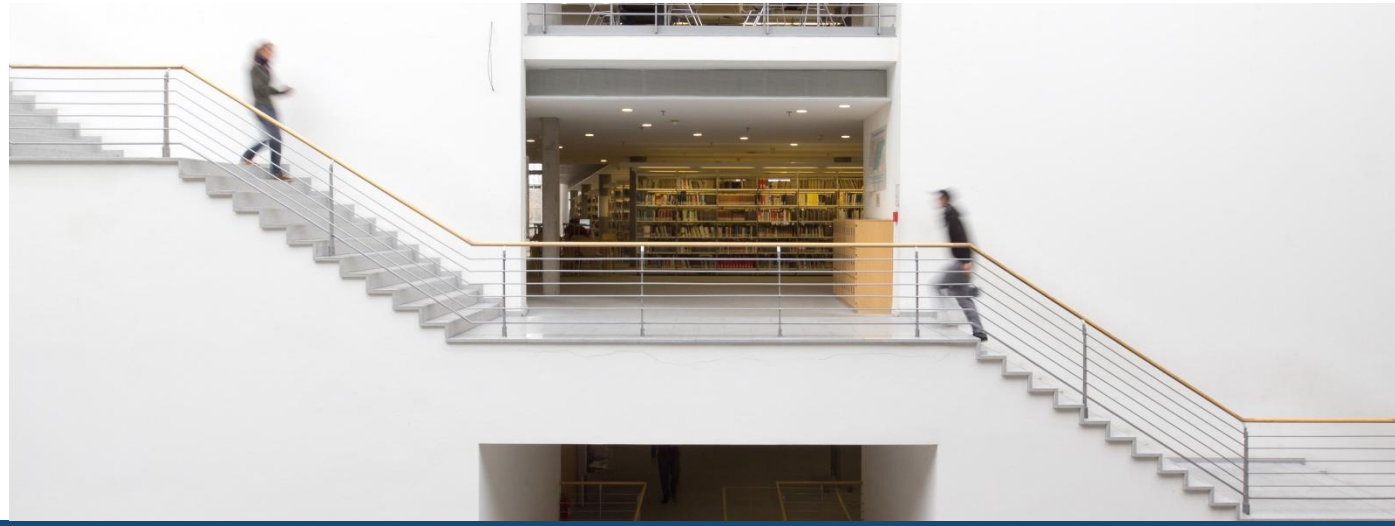
SUB | NIEDERSÄCHSISCHE STAATS- UND UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN

From the shelf into the world: Baron von Asch and the Göttingen University collections

Susanne Al-Eryani (SUB Göttingen)
CERL Seminar 2019
09.10.2019



Overview

1. Retrospection
   - Baron Georg Thomas von Asch (1729-1807)
   - The Asch Collection

2. Contextualisation: the ASCH project
   - The ASCH model
   - The Asch documents

3. Virtual reconstruction of the Asch Collection
   - The online portal of the Göttingen University collections
   - ASCH model: proof of concept

1. Retrospection: Baron von Asch and the history of the Asch Collection

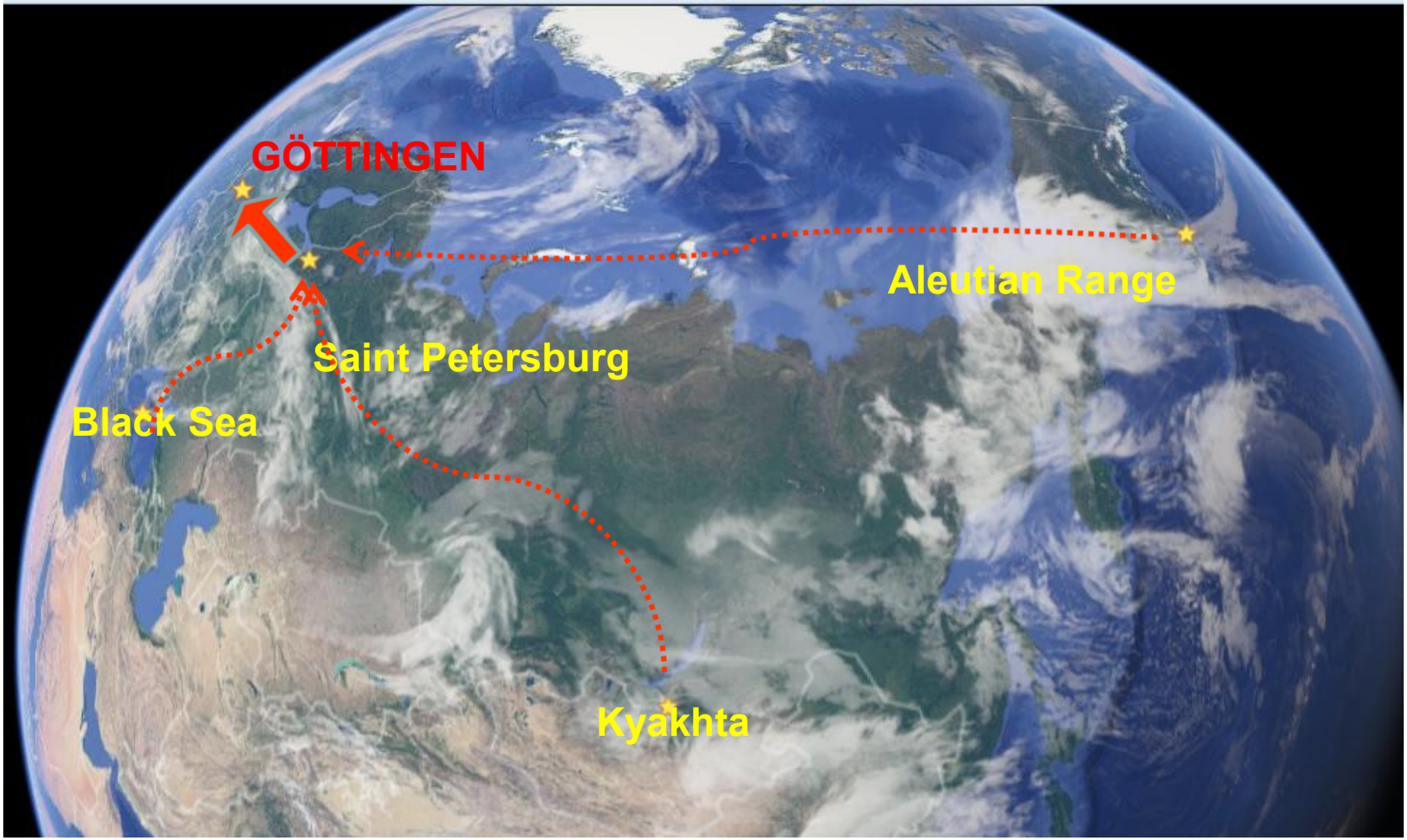


Baron Georg Thomas von Asch
(1729-1807)

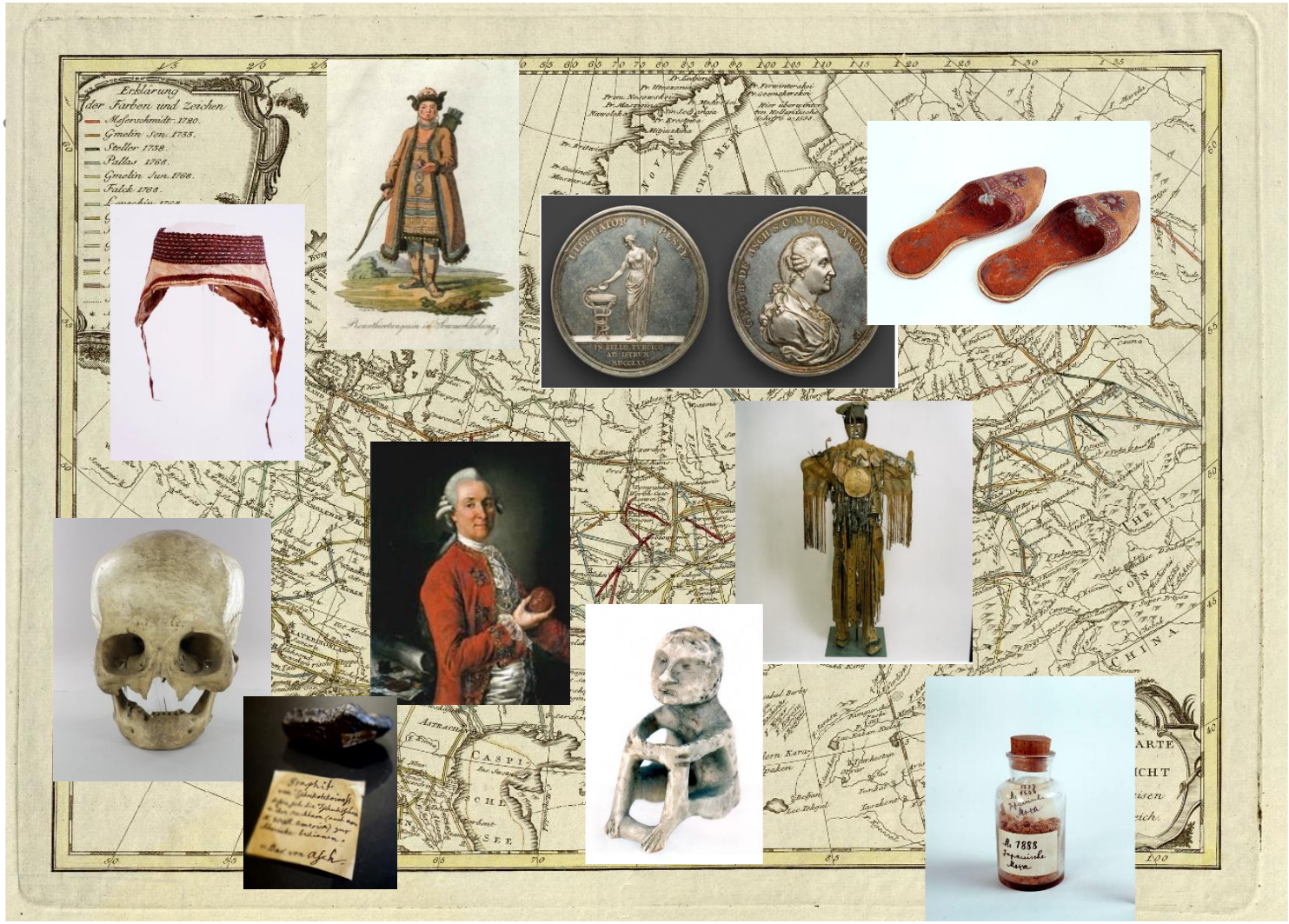


Göttingen University Library
(1747)

Provenance of Asch Items



The Asch Collection



Asch holdings in collections of the Göttingen University













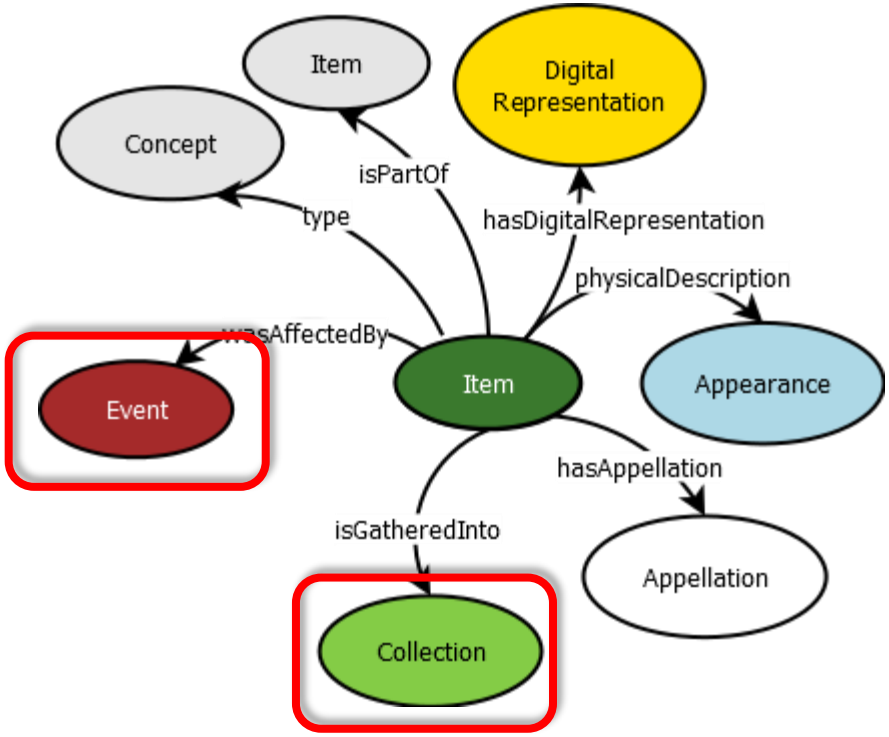


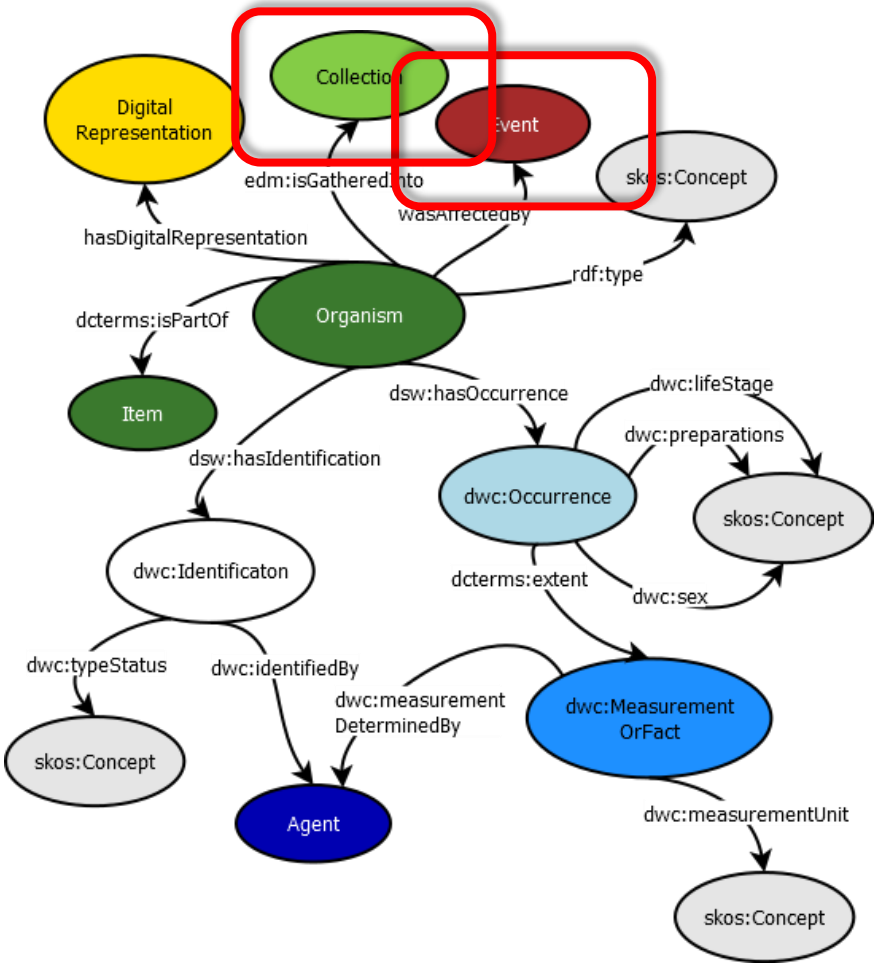
2. Contextualisation: the ASCH project



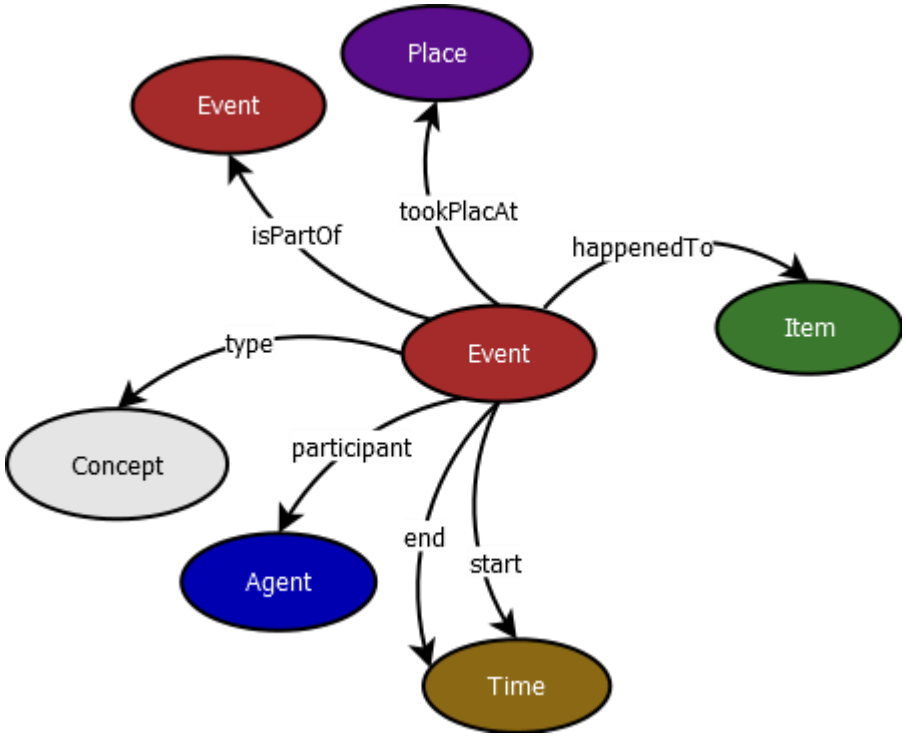
- Items
- Digital Representations
- Events
- Persons
- Corporate Bodies
- Collections
- Time
- Places
- Names / Appellations
- Concepts
- Statements

ASCH model: description of Item and Organism



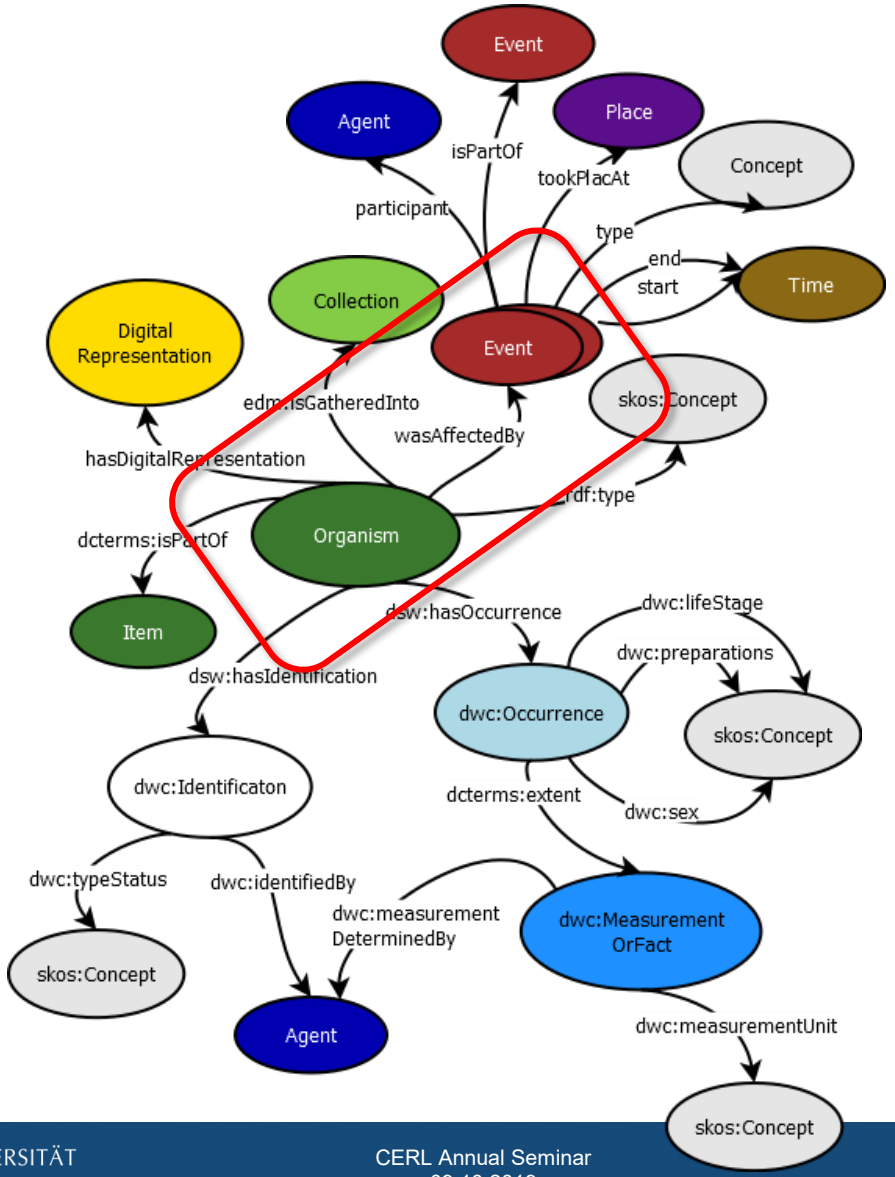


ASCH model: description of Event




```
pdo:Event a owl:Class ;
    rdfs:label "Event"@en , "Ereignis@de" ;
    rdfs:subClassOf crm:E5_Event ; dcmitype:Event , edm:Event , prov:Activity , dwc:Event ;
    rdfs:isDefinedBy <http://pdo/Event> ;
    rdfs:comment "Something that happened and affected the lifecycle of the resource."@en .
```

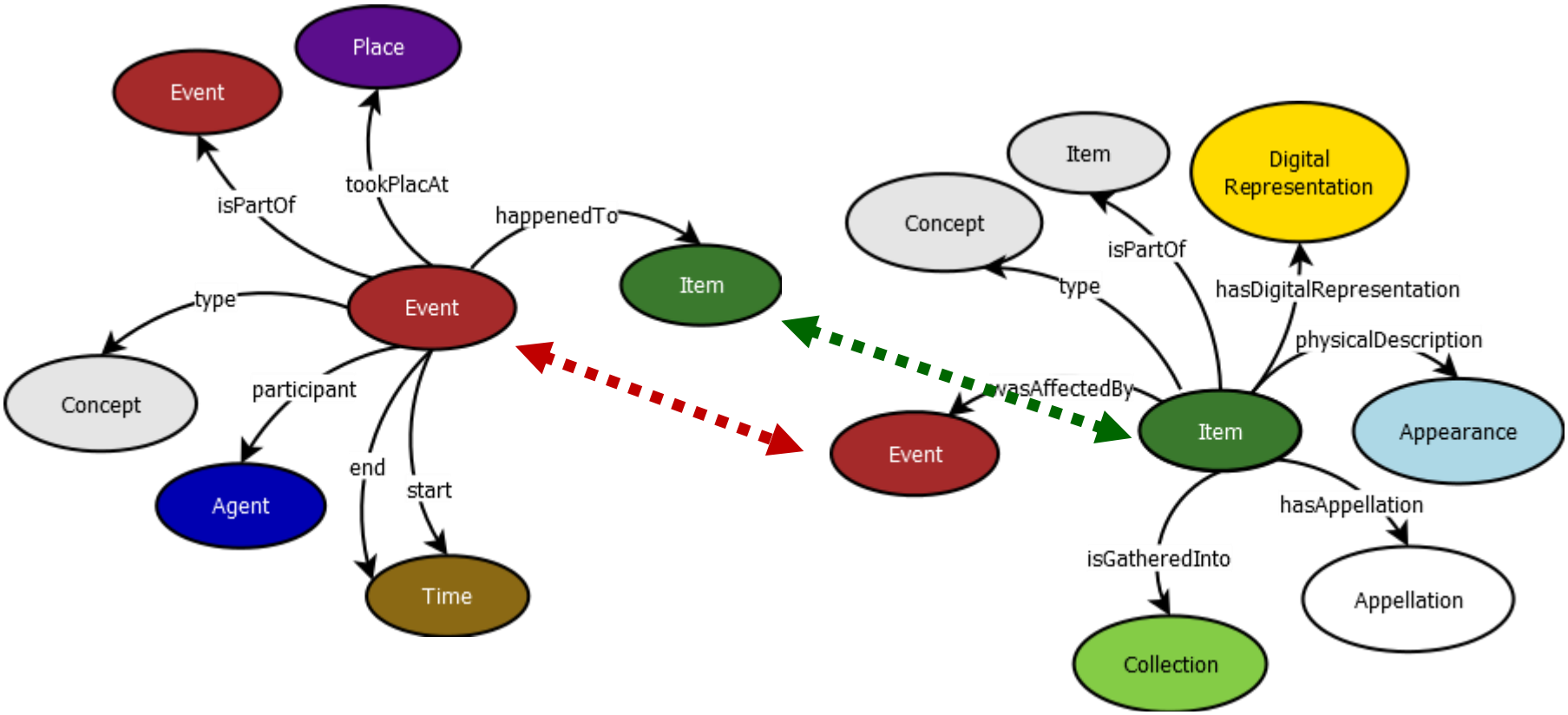
ASCH model: interlinking of models



model describing provenance (Event)

model describing Organism

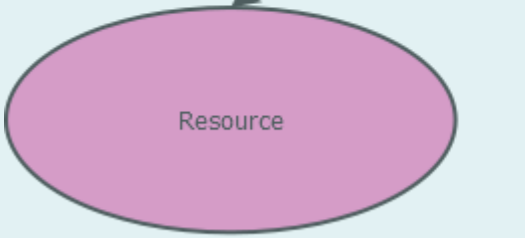
ASCH model: interlinking of models



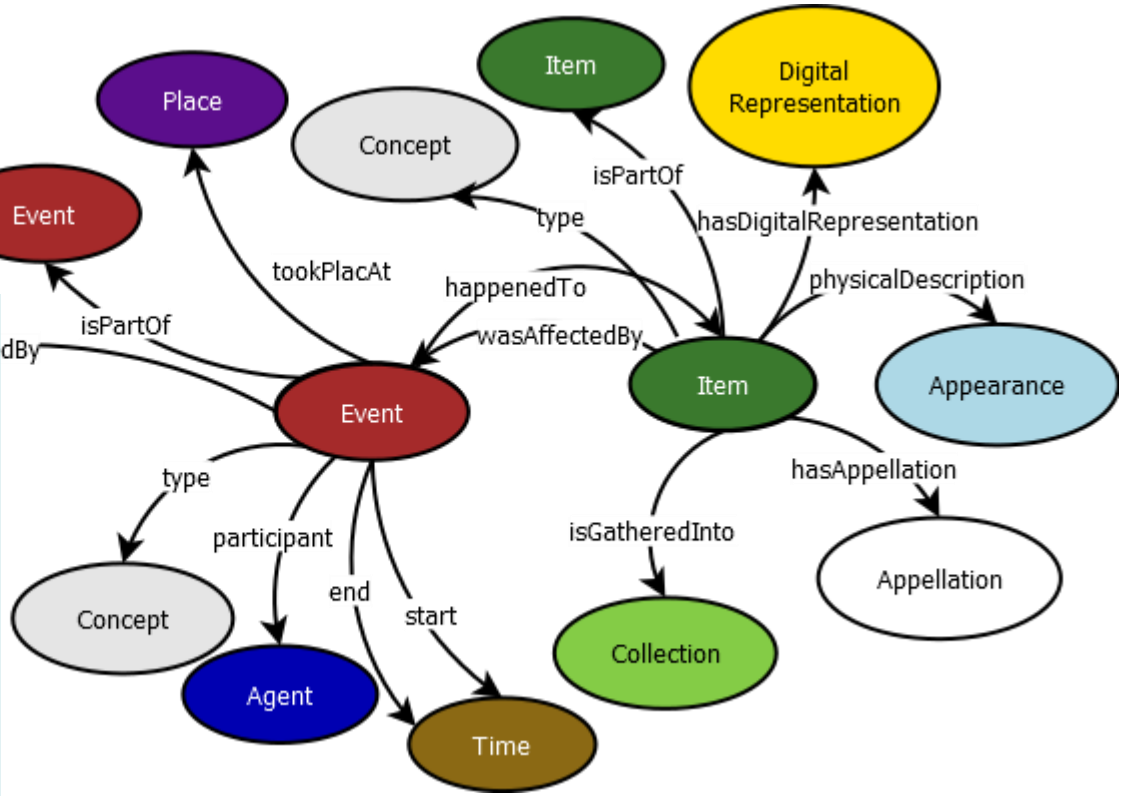
model describing provenance (Event)

model describing Item

Relation between Event and evidence



Text Encoding Initiative (TEI)

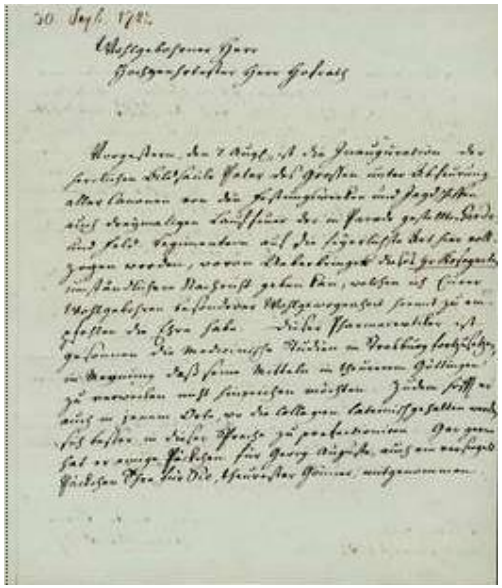


Asch documents

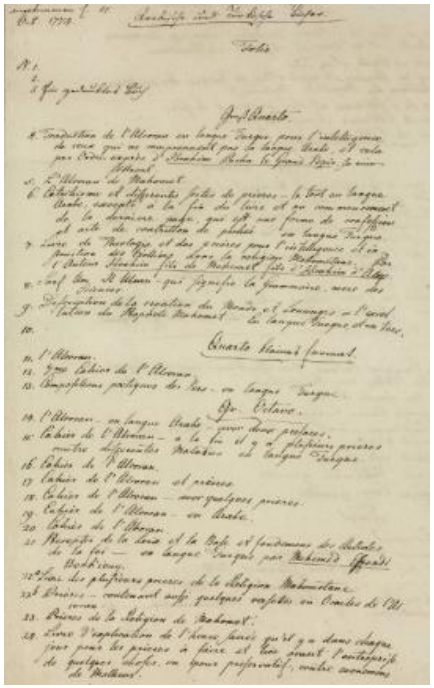
- Handwritten documents
  - Written by Baron v. Asch (in Latin and Cyrillic script)
    - letters to Christian Gottlob Heyne (1729-1812), director of the Göttingen University Library
    - lists of items dispatched to Göttingen University
    - notices on items found in letters or on wrapping paper
    - labeling of items
  - Written by others
    - letters mentioning the sendings of Baron v. Asch
    - notices on items
    - labeling of /on items
    - inventory books
- Publications (e.g. *Göttingische Gelehrte Anzeigen*)

Evidence considered in the ASCH context

Handwritten documents from Baron Georg Thomas von Asch (SUB Göttingen)



126 letters

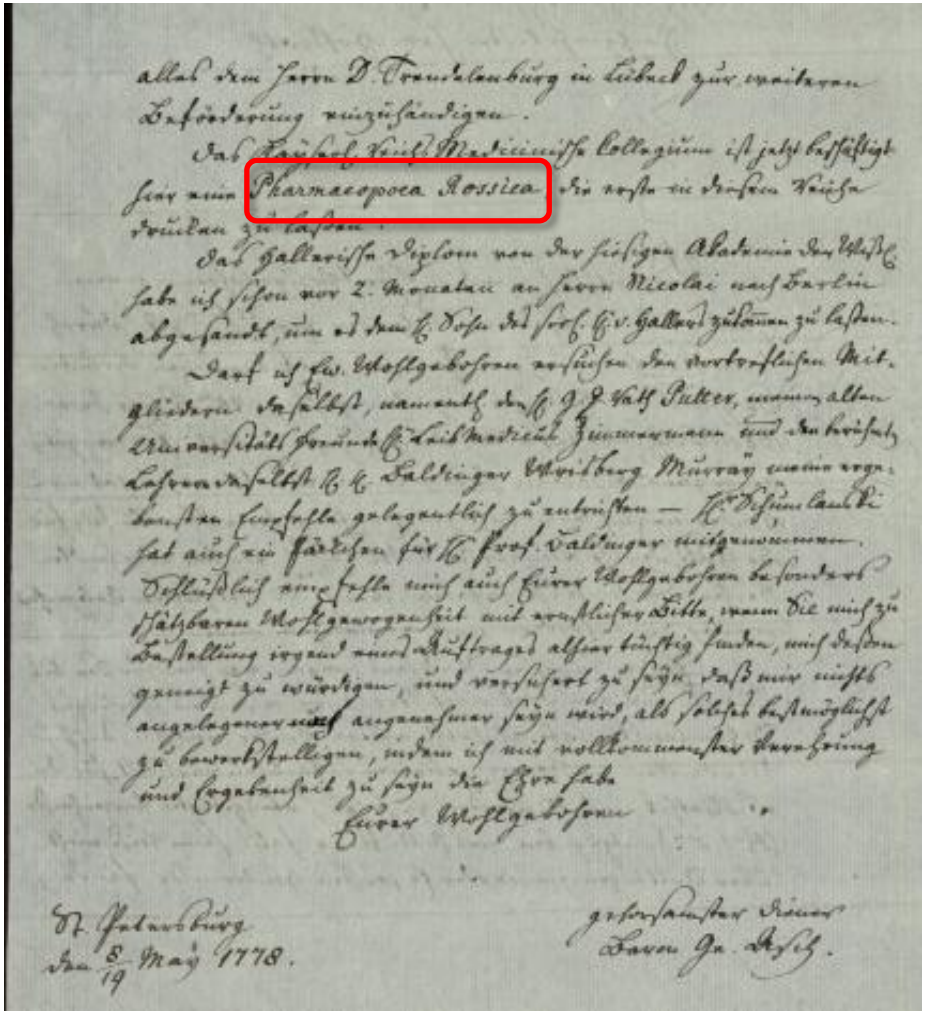


148 lists

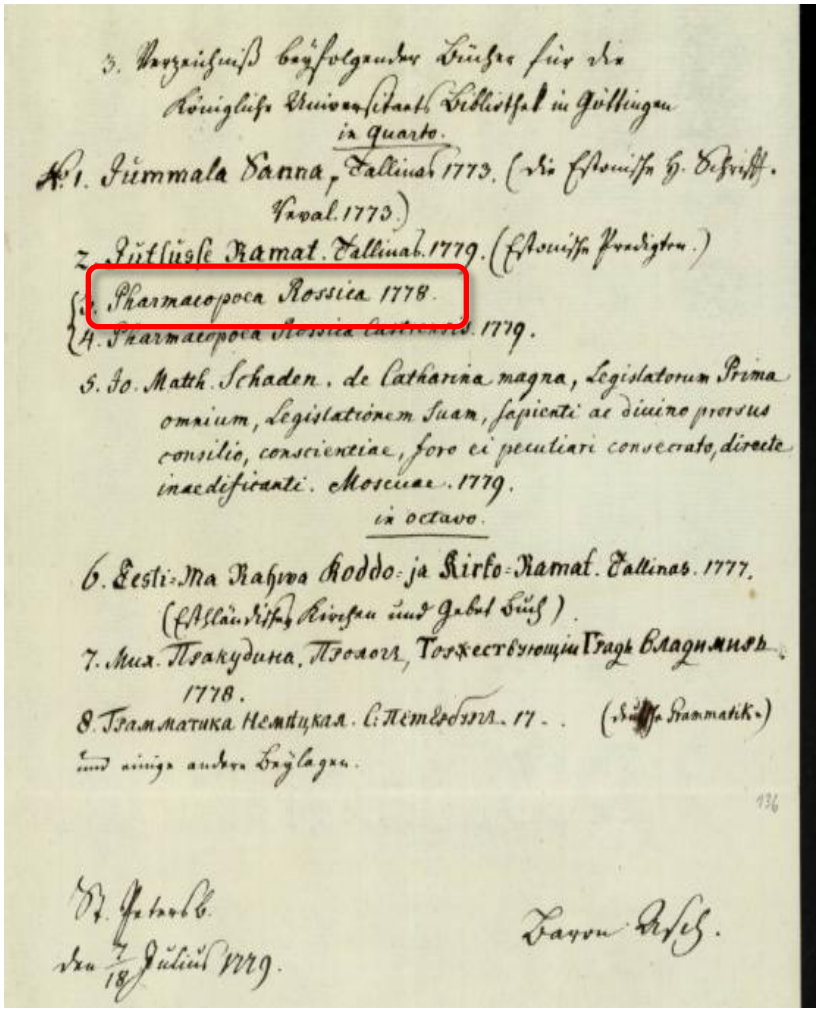


item descriptions

The *Pharmacopoea Rossica*: mentioned in a letter and a list

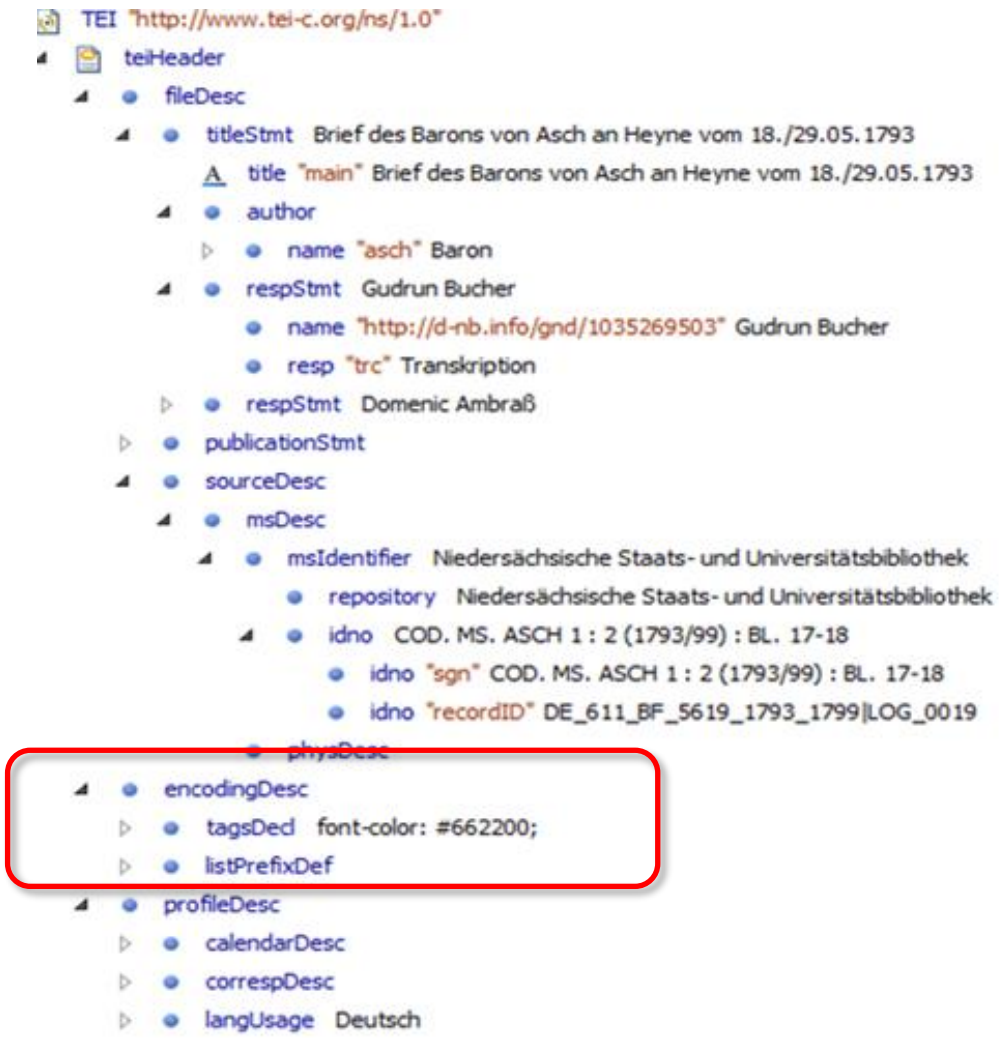


Cod. Ms. Asch 1:1
(1772/79) bl 68vZ



Cod. Ms. Asch 1:1
(1772/79) bl 136r

TEI: registers of entities



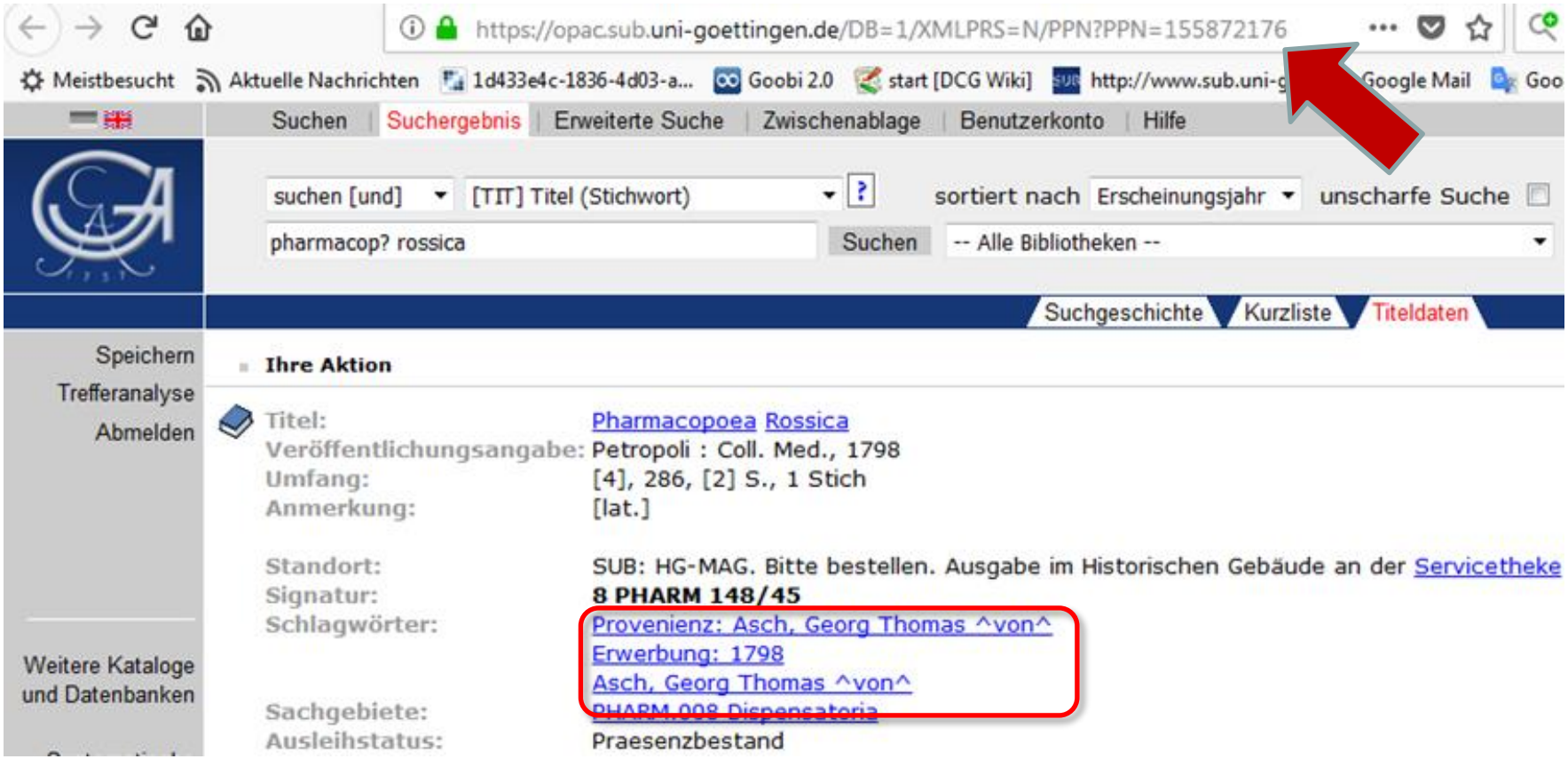
TEI: registers of entities

```
48      </fileDesc>
49      <encodingDesc>
50         <tagsDecl>
51            <rendition scheme="css" xml:id="rubricated">font-color: #662200;</rendition>
52            <rendition scheme="css" xml:id="underlined">text-decoration: underline;
53               text-decoration-color: #662200;</rendition>
54            <rendition scheme="css" xml:id="right">text-align: right;</rendition>
55            <rendition scheme="css" xml:id="left">text-align: left;</rendition>
56            <rendition scheme="css" xml:id="center">text-align: center;</rendition>
57         </tagsDecl>
58         <listPrefixDef>
59            <prefixDef matchPattern="([a-z_0-9]+)" replacementPattern="RegisterCorporation.xml"
60               ident="cor">
61               <p>Linkliste für Körperschaften</p>
62            </prefixDef>
63            <prefixDef matchPattern="([a-z_0-9]+)" replacementPattern="RegisterPerson.xml"
64               ident="per">
65               <p>Linkliste für Personen</p>
66            </prefixDef>
67            <prefixDef matchPattern="([a-z_0-9]+)" replacementPattern="RegisterPlace.xml"
68               ident="pla">
69               <p>Linkliste für geografische Angaben</p>
70            </prefixDef>
71            <prefixDef matchPattern="([a-z_0-1]+)" replacementPattern="RegisterThing.xml"
72               ident="thi">
73               <p>Linkliste für alle Arten von Objekten (auch Schriften)</p>
74            </prefixDef>
75         </listPrefixDef>
76      </encodingDesc>
```

Encoding of the entity (thing) *Pharmacopoea Rossica*

```
134 Sachen mir Nachricht gegeben, welche er mit sicherer Gelegenheit<lb/>
135 weiter zu befördern nicht ermangeln wird.<lb/>
136 Einem Rußischen Studirens wegen von hier zur See bis<lb/>
137 <name type="place" ref="pla:pla_94">Lübeck</name> und von dort nach <name type="place" ref="pla:pla_95">Strasburg</name> reise
138 <name type="person" ref="per:per_140">Schumlanski</name> habe ich jetzt einige <name key="thing" ref="thi:thi_160">Bücher</nar
139    Medaillen in Bronze</name> pp alles in 7 Päckchen vertheilt, für die<lb/>
140 Bibliothek und Museum zu folge hiebeygefügter Verzeichniße<lb/>
141 (No. 1 u. 2) mitgegeben, nebst Auftrag falls seine Reise nicht<lb/>
142 über <name type="place" ref="pla:pla_514">Göttingen</name> gienge, oder Er sonsten Hinderniße fände,<lb/>
143 alles dem <name type="person" ref="per:per_141">Herrn D. Trendelenburg</name> in <name type="place" ref="pla:pla_96">Lübeck</n
144 Beförderung einzuhändigen.<lb/>
145 Das <name key="corporation" ref="cor:cor_38">Kayserl. Reichs Medicinische Collegium</name> ist jetzt beschäftigt<lb/>
146 hier eine <name key="thing" ref="thi:thi_162">Pharmacopoea Rossica</name>, die erste in diesem Reiche<lb/>
147 drucken zu laßen.<lb/>
148 Das Hallerische Diplom von der hiesigen <name key="corporation" ref="cor:cor_39">Akademie der Wiße.</name><lb/>
149 habe ich schon vor 2 Monaten an <name type="person" ref="per:per_142">Herrn Nicolai</name> nach <name type="place" ref="pla:p
150 abgesandt, um es dem H. Sohn des seel. <name type="person" ref="per:per_143">Hn. v. Hallers</name> zukommen zu laßen.<lb/>
151 Darf ich Ew. Wohlgebohren ersuchen den vortreflichen Mit-<lb/>
152 gliedern daselbst, namentl. dem <name type="person" ref="per:per_144">H. G.G. Rath Pütter</name>, meinem alten<lb/>
153 Universitäts Freunde <name type="person" ref="per:per_145">Hn. LeibMedicus Zimmermann</name> und die berühmte<lb/>
154 Lehrern daselbst <name type="person" ref="per:per_146">H. H. Baldinger</name> <name type="person" ref="per:per_147">Wrisberg</
155 bensten Empfehle gelegentlich zu entrichten - <name type="person" ref="per:per_149">Hr. Schumlanski</name><lb/>
```

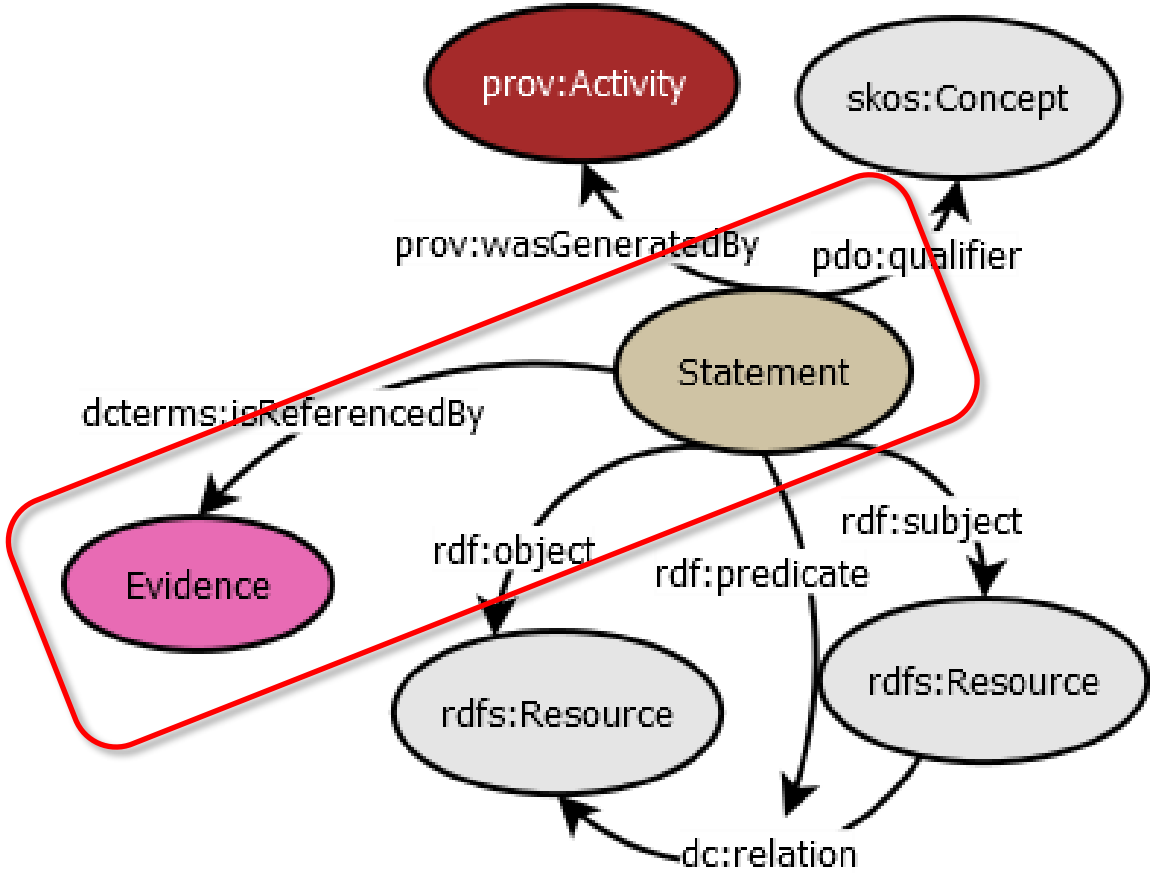
Pharmacopoea Rossica in the OPAC of the SUB Göttingen



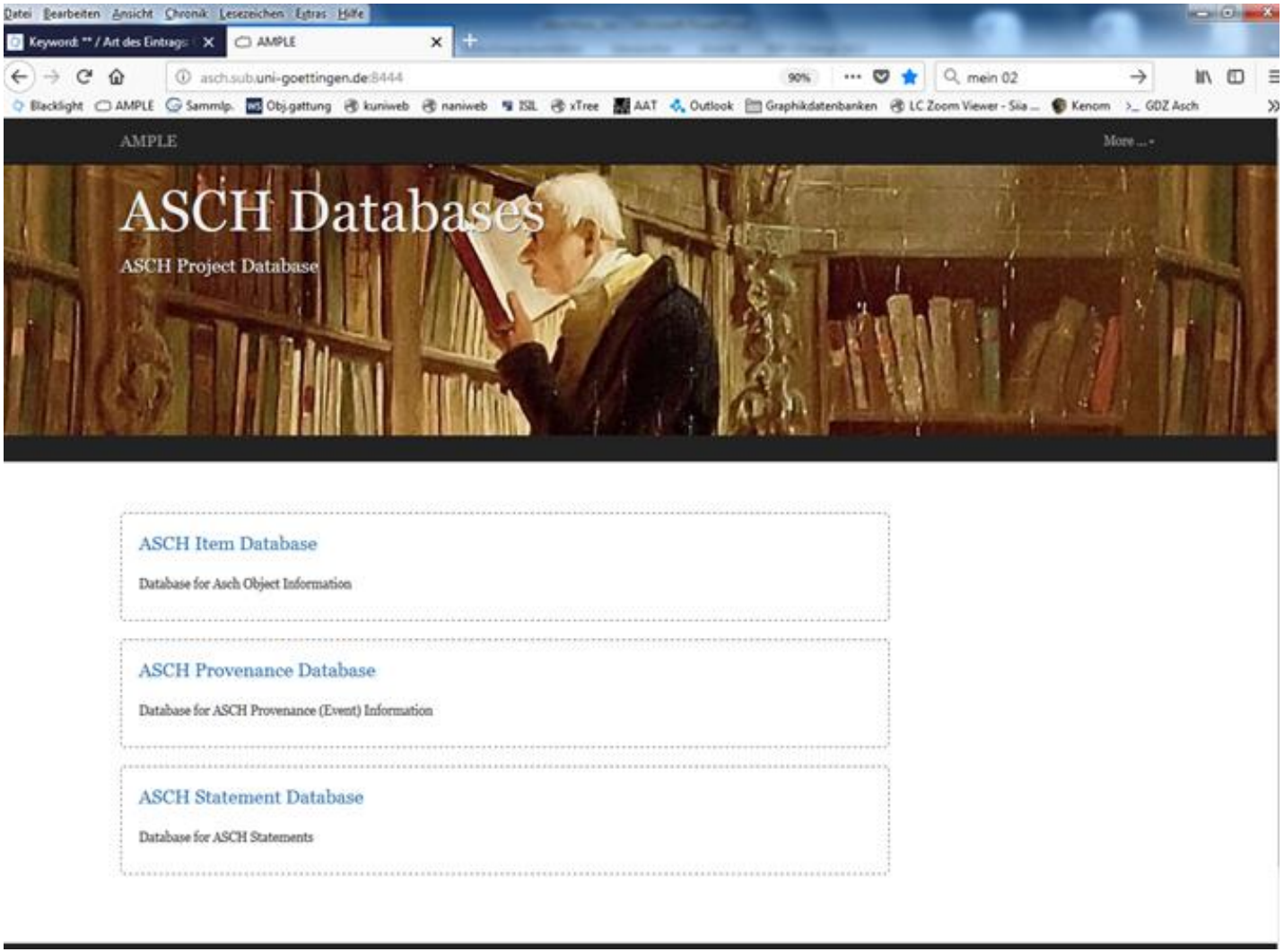
Pharmacopoea Rossica in the register of things

```
349         </item>
350         <item xml:id="thi_161">
351             <name>Rußische Medaillen in Bronze</name>
352         </item>
353         <item xml:id="thi_162">
354             <name>Pharmacopoea Rossica</name>
355             <ref type="PPN">253416841</ref>
356         </item>
357         <item xml:id="thi_163">
358             <name>Medaille No. 48</name>
359             <p>beschädigt</p>
360         </item>
361         <item xml:id="thi_164">
362             <name>Türkischen Schelóng</name>
363         </item>
364         <item xml:id="thi_165">
365             <name>Kupfern verguldten Vorstellung des Kutuchtu der Mongolen</name>
366             <p>eines der Unterpäbste der Lamaischen Religion</p>
367         </item>
368         <item xml:id="thi_166">
```

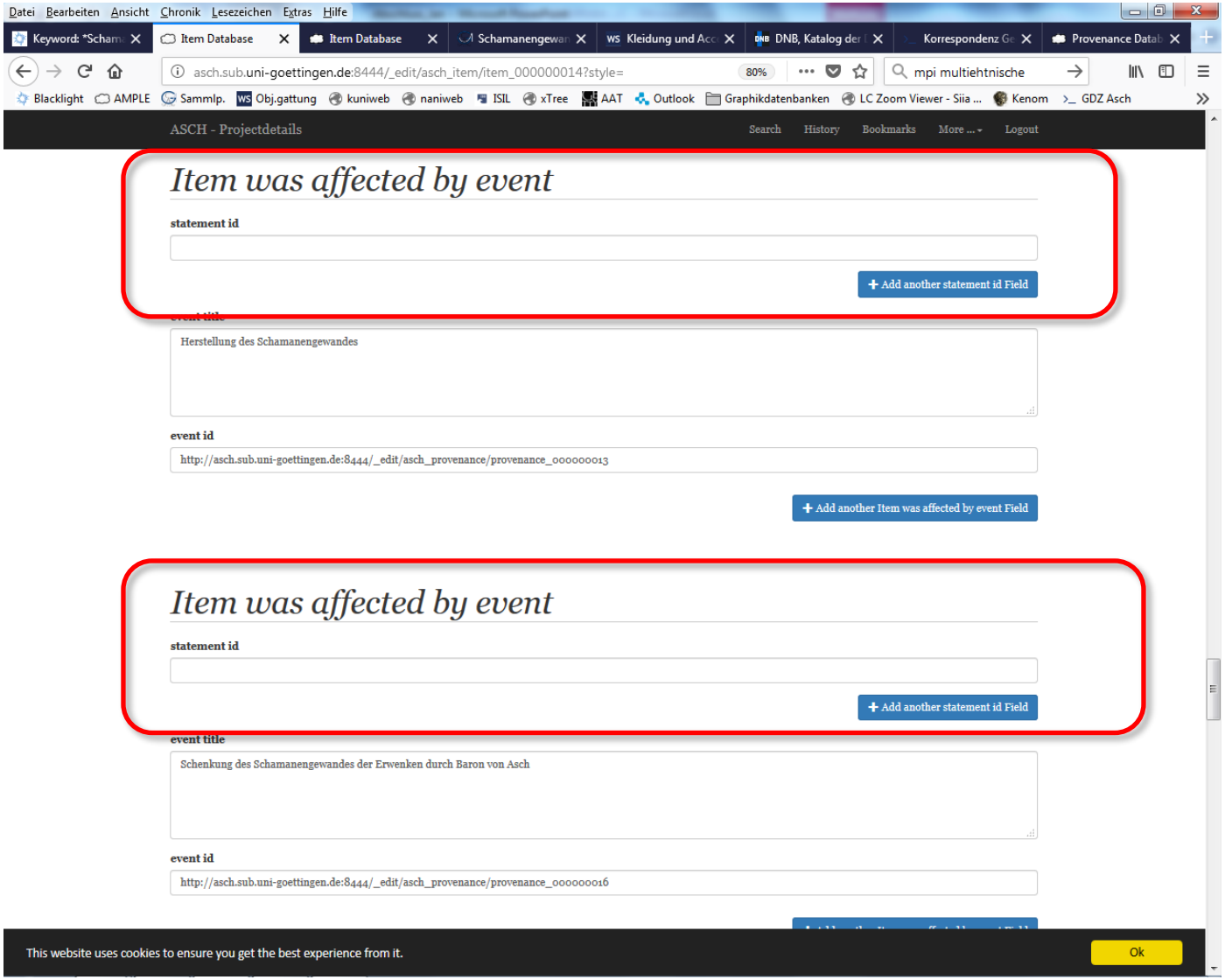
ASCH model: Statement



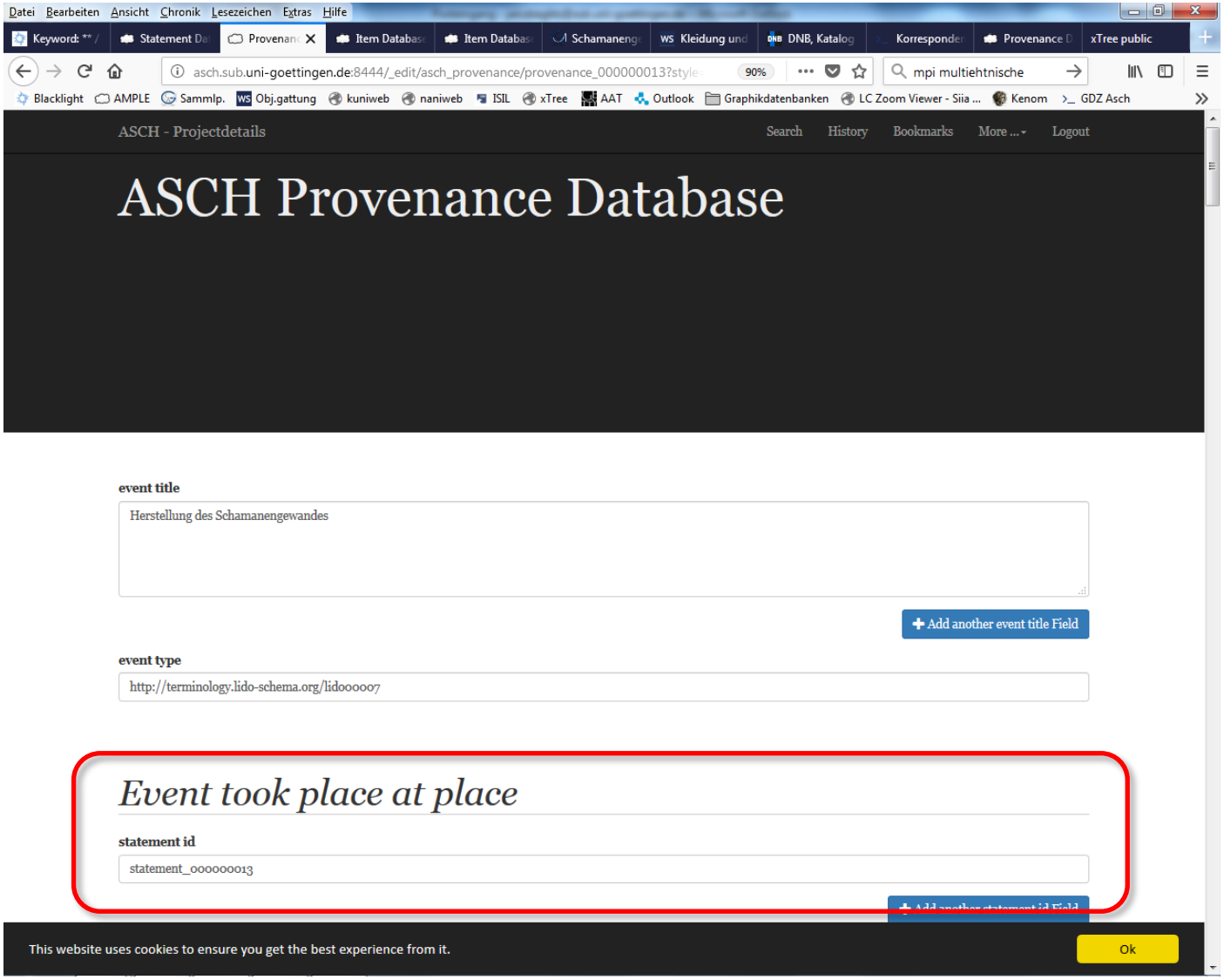
ASCH model: test



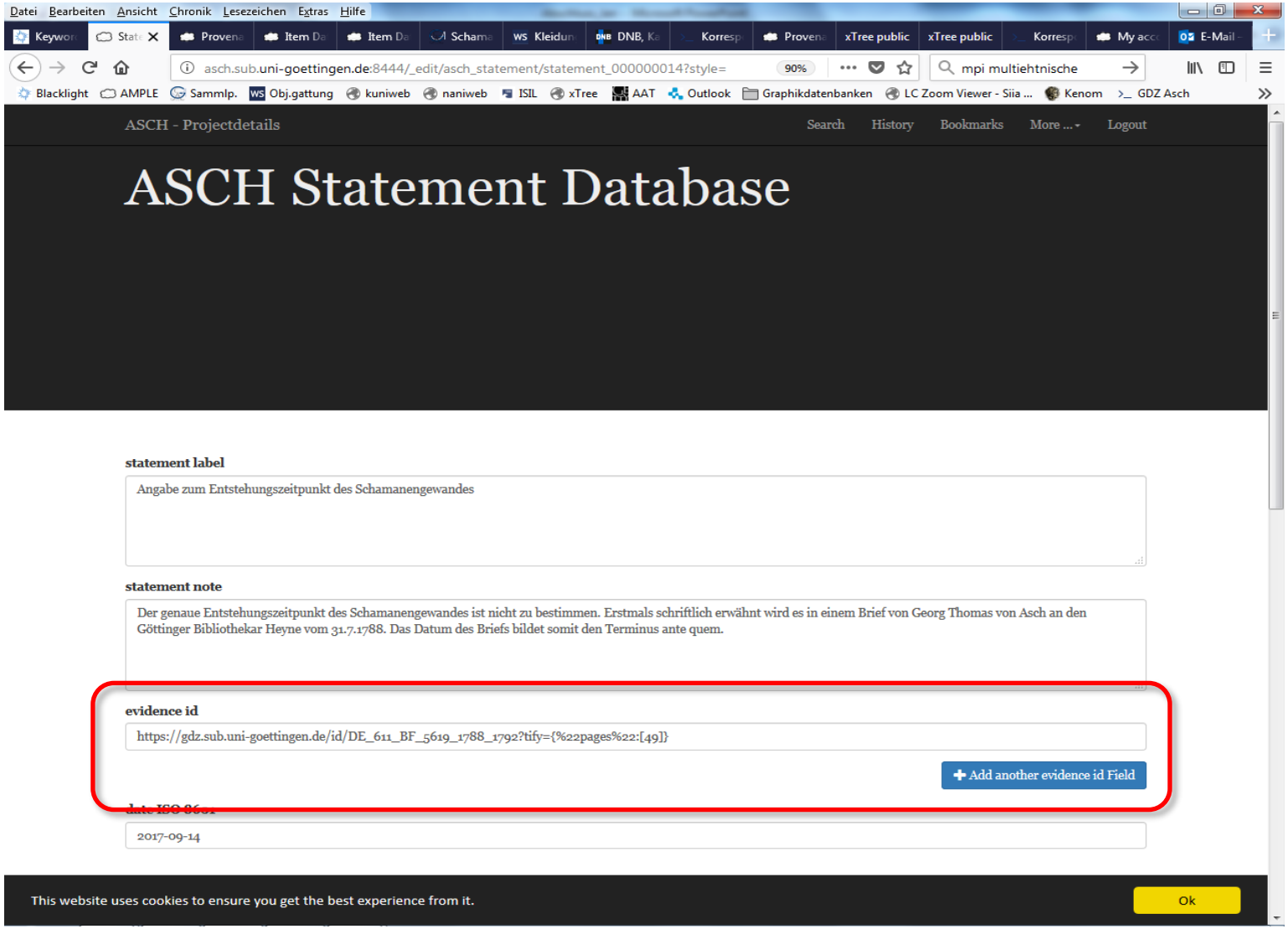
ASCH Item Database



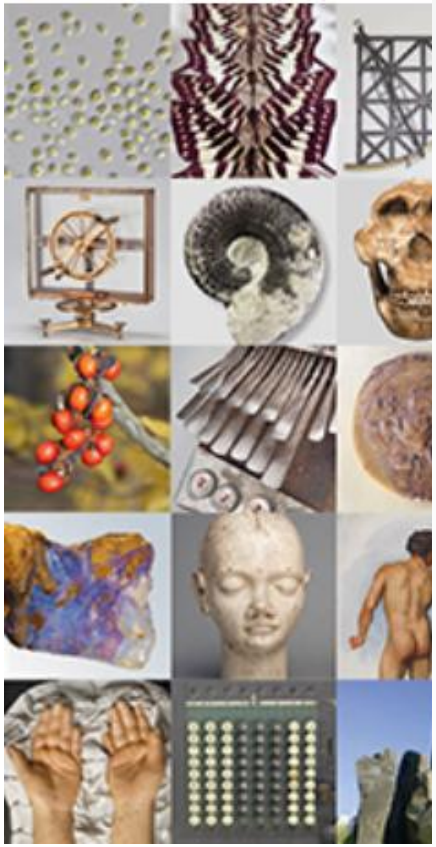
ASCH Provenance Database

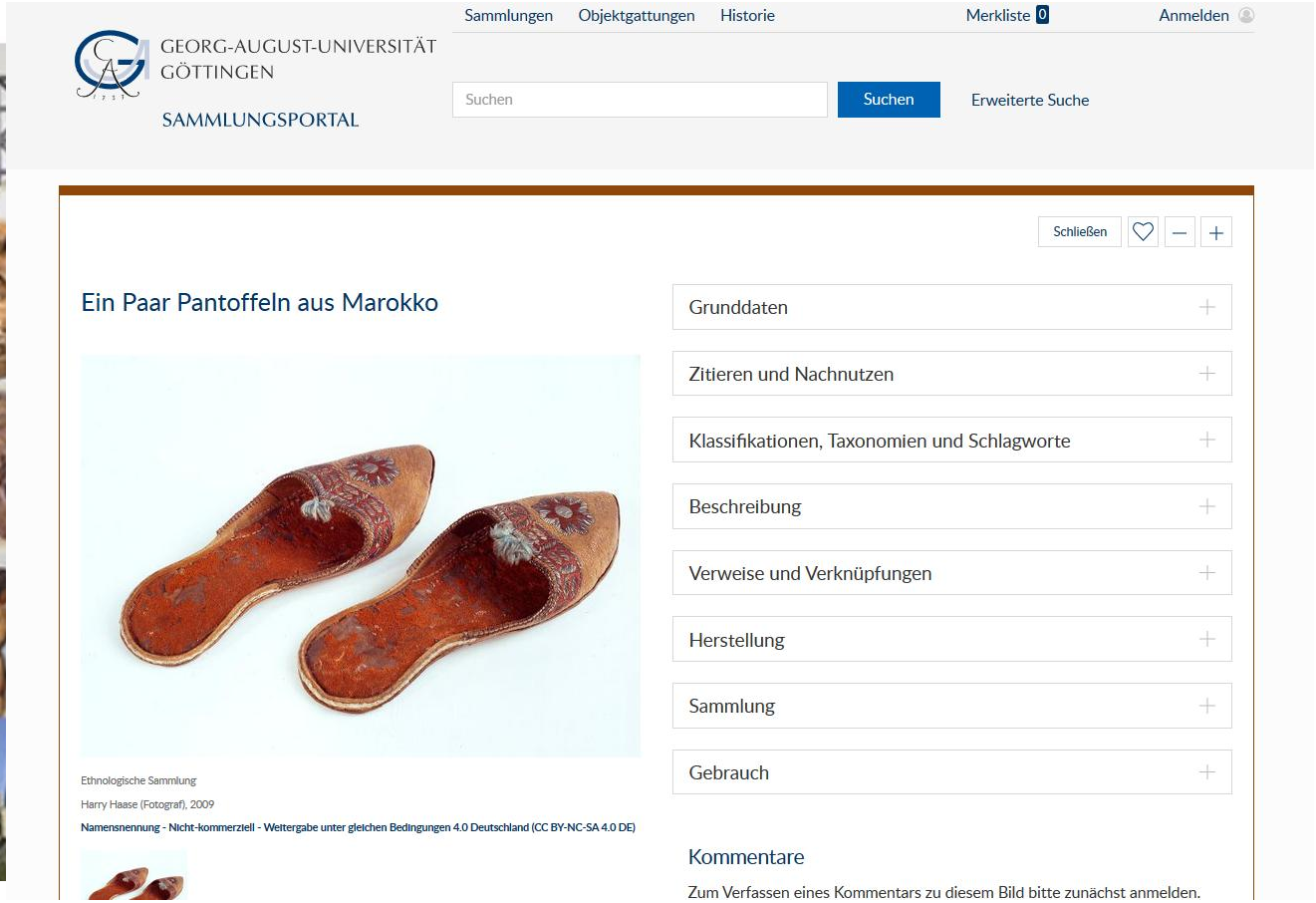


ASCH Statement Database



3. Virtual reconstruction of the Asch Collection



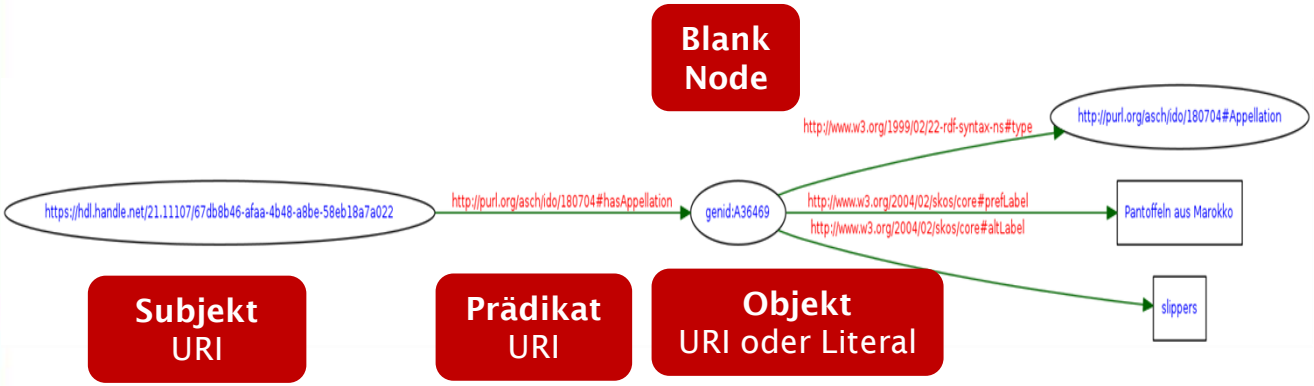


The collections of the Göttingen University and the Sammlungsportal

Opening the virtual shelves to the world

- lido:lido
  - lido:lidoRecID
  - lido:objectPublishedID
  - lido:objectPublishedID
  - lido:category
  - lido:descriptiveMetadata
    - lido:objectClassificationWrap
      - lido:objectWorkTypeWrap
      - lido:classificationWrap
    - lido:objectIdentificationWrap
      - lido:titleWrap
      - lido:inscriptionsWrap
      - lido:repositoryWrap
      - lido:objectDescriptionWrap
      - lido:objectMeasurementsWrap
    - lido:eventWrap
    - lido:objectRelationWrap
      - lido:subjectWrap
      - lido:relatedWorksWrap
  - lido:administrativeMetadata
    - lido:recordWrap
    - lido:resourceWrap

LIDO



RDF

source: https://opus4.kobv.de/opus4-th-wildau/files/1203/MA_Niemann_Knowledge_Graph_2019.pdf

Mapping example

LIDO-XML

XSLT

```
<lido:objectIdentificationWrap>
   <lido:titleWrap>
      <lido:titleSet lido:sortorder="1">
         <lido:appellationValue>Pantoffeln aus Marokko</lido:appellationValue>
      </lido:titleSet>
      <lido:titleSet lido:type="other">
         <lido:appellationValue xml:lang="en">slippers</lido:appellationValue>
      </lido:titleSet>
   </lido:titleWrap>
```

RDF/XML

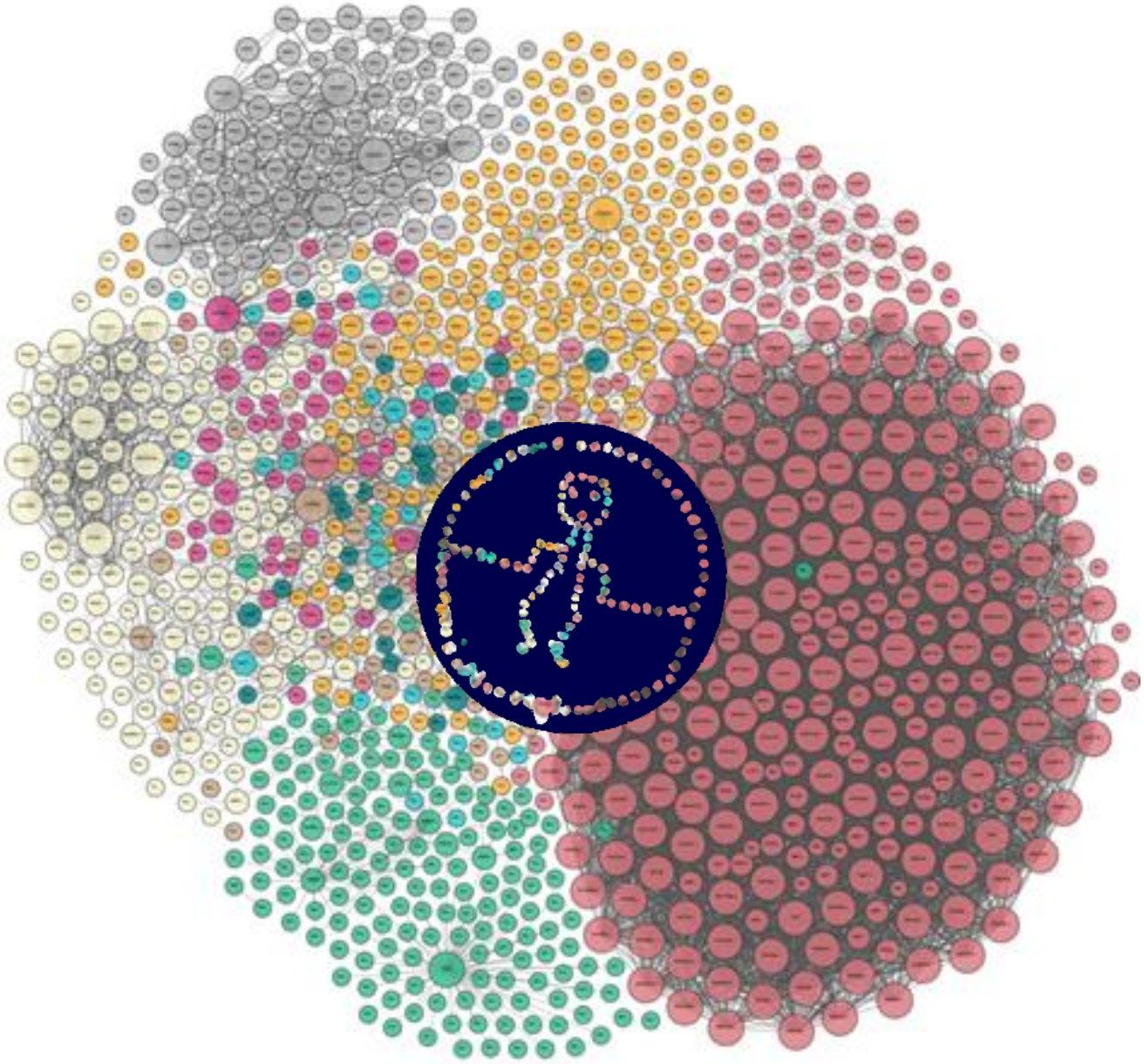
RIOT

```
   <ido:hasAppellation>
      <rdf:Description>
         <rdf:type rdf:resource="http://purl.org/asch/ido/180704#Appellation"/>
         <skos:prefLabel xml:lang="de">Pantoffeln aus Marokko</skos:prefLabel>
         <skos:altLabel xml:lang="en">slippers</skos:altLabel>
      </rdf:Description>
   </ido:hasAppellation>
```

Turtle

```
<https://hdl.handle.net/21.11107/67db8b46-afaa-4b48-a8be-58eb18a7a022>
        ido:hasAppellation  _:b3 .

_:b3    rdf:type            ido:Appellation ;
        skos:prefLabel      "Pantoffeln aus Marokko"@de ;
        skos:altLabel       "slippers"@en .
```



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Thank you!

http://asch.wiki.gwdg.de/index.php/Main_Page
https://opus4.kobv.de/opus4-th-wildau/files/1203/MA_Niemann_Knowledge_Graph_2019.pdf

