Examples of events in the recording of natural history data (OpenUp!)

This document contains examples of events expressed in the metadata of natural history data.

The two main events related to persons and time are

* the information on who (agent) **found/gathered** the object at what time (usually accompanied by a place information where the object was gathered),
* and the information on when (time) the object was scientifically **identified** (eg. taxonomy) and by whom (agent).

Examples from the native data:

**Identifier (agent) and date (time)**

<abcd:Identifiers>

 <abcd:Identifier>

 <abcd:PersonName>

 <abcd:FullName>**Cabezas** 2003</abcd:FullName>

 </abcd:PersonName>

 </abcd:Identifier>

 </abcd:Identifiers>

 <abcd:Date>

 <abcd:DateText>**2003**</abcd:DateText>

 </abcd:Date>

 </abcd:Identification>

**Collector (agent) and date (time) and place**

 <abcd:Gathering>

 <abcd:DateTime>

 <abcd:DateText>**2000-05-03**</abcd:DateText>

 <abcd:ISODateTimeBegin>**2000-05-03**</abcd:ISODateTimeBegin>

 </abcd:DateTime>

 <abcd:Agents>

 <abcd:GatheringAgentsText>**Pérez Viso,R.**</abcd:GatheringAgentsText>

 </abcd:Agents>

 <abcd:LocalityText>Equatorial Guinea: centro Sur: Miyobo . 2000-05-03, Leg.: Pérez Viso,R. 2546.</abcd:LocalityText>

 <abcd:Country>

 <abcd:Name>Equatorial Guinea</abcd:Name>

 <abcd:ISO3166Code>GQ</abcd:ISO3166Code>

 </abcd:Country>

 <abcd:NamedAreas>

 <abcd:NamedArea>

 <abcd:AreaClass language="en">Continent</abcd:AreaClass>

 <abcd:AreaName language="en">Africa</abcd:AreaName>

 </abcd:NamedArea>

 </abcd:NamedAreas>

 <abcd:SiteCoordinateSets>

 <abcd:SiteCoordinates>

 <abcd:CoordinatesLatLong>

 <abcd:LongitudeDecimal>**10.1833295822**</abcd:LongitudeDecimal>

 <abcd:LatitudeDecimal>**1.75**</abcd:LatitudeDecimal>

 </abcd:CoordinatesLatLong>

 </abcd:SiteCoordinates>

 </abcd:SiteCoordinateSets>

 </abcd:Gathering>

Here a sample from another type of native metadata:

**Collector (agent) and date (time) and place**

 <dwc:recordedBy>**Faulkner, Mrs**.</dwc:recordedBy>

 <dwc:habitat>Grassland</dwc:habitat>

 <dwc:countryCode>TZ</dwc:countryCode>

 <dwc:locality>Mile 18. Chevaka.</dwc:locality>

 <dwc:eventDate>**1962-06-26**</dwc:eventDate>

 <dwc:occurrenceRemarks>Altitude sea level. See additional writing on sheet. Also written on label "first gathering no 2674" this specimen from second gathering.</dwc:occurrenceRemarks>

**Identifier (agent) and date (time)**

 <dwc:dateIdentified>**1985-11-00**</dwc:dateIdentified>

 <dwc:identifiedBy>**Gilbert, M.G.**</dwc:identifiedBy>

Currently we include the event related information in brackets for Europeana (EDM):

**EDM Samples**

 ….

 <dc:date>2003 (**identification**)</dc:date>

 <dc:contributor>Viñolas Saborit, Amador (**identifier**)</dc:contributor>

 <dc:contributor>Peracho Tobeña, Víctor (**collector**)</dc:contributor>

 <dcterms:spatial>Europa; Barcelona; Espanya</dcterms:spatial>

 <dcterms:spatial rdf:resource="geo:41.3937,2.1529"/>

 <edm:hasMet rdf:resource="geo:41.3937,2.1529"/>

…..

<edm:Place rdf:about="geo:41.3937,2.1529">

 <wgs84\_pos:lat>41.3937</wgs84\_pos:lat>

 <wgs84\_pos:long>2.1529</wgs84\_pos:long>

 <skos:note>Europa; Barcelona; Espanya</skos:note>

 </edm:Place>….

OR

….

<dc:contributor>F. Fazanec (**identifier**)</dc:contributor>

 <dc:description>herbarium sheet</dc:description>

 <dc:date>24.10.1982 (**gathering**)</dc:date>

 <dc:date>1983 (**identification**)</dc:date>

 ….

 <dcterms:spatial>Biotope: Venezuela: Lara, Distritio Jiménez. Parque National Yacambú, Quebrada Negra from the base of the tunnel to the junction with the Río Yacambú, future basin of Embalse Río Yacambú.</dcterms:spatial>

 <dcterms:spatial rdf:resource="geo:9.68333339691,-69.5086135864"/>

 <edm:currentLocation>Königin-Luise-Str. 6-8, 14195 Berlin, Germany</edm:currentLocation>

 <edm:hasMet rdf:resource="http://sws.geonames.org/3625428/"/>

 <edm:hasMet rdf:resource="geo:9.68333339691,-69.5086135864"/>