

# Prosopography Initial Imports

## People Sheet Import

```
library(xlsx)
```

```
## Loading required package: rJava  
## Loading required package: xlsxjars
```

```
people.sheet <- read.xlsx("EML0_Sample_Prosepography_Spreadsheet_Gronovius_150518_version 4.xlsx", "people",  
                          startRow = 1)
```

```
## Drop empty third column:
```

```
people.sheet <- people.sheet[,c(1,2,4:7)]
```

```
people.sheet.colnames <- c("Person.Name", "iperson_id", "Person_aliases", "other_info", "Birth_year", "Death_year")  
colnames(people.sheet) <- people.sheet.colnames
```

## Places Sheet Import

```
places.sheet <- read.xlsx("EML0_Sample_Prosepography_Spreadsheet_Gronovius_150518_version 4.xlsx", "places",  
                          startRow = 1)
```

```
colnames(places.sheet)
```

```
## [1] "location_name"  
## [2] "location_id"  
## [3] "Copy.of.type.ahead.feeder.list..FOR.REFERENCE.ONLY"  
## [4] "type.ahead_with_synonyms..FOR.REFERENCE.ONLY"
```

```
str(places.sheet)
```

```
## 'data.frame': 4012 obs. of 4 variables:  
## $ location_name : Factor w/ 3987 levels "Aachen, North Rhine-Westphalia", "Adisham, Kent, England", "Aldershot, Hampshire", "Alton, Hampshire", "Alton, Hampshire", ...  
## $ location_id : num 900027 2258 900706 900737 100004 ...  
## $ Copy.of.type.ahead.feeder.list..FOR.REFERENCE.ONLY: Factor w/ 388 levels "Adisham, Kent, England", "Aldershot, Hampshire", "Alton, Hampshire", "Alton, Hampshire", "Alton, Hampshire", ...  
## $ type.ahead_with_synonyms..FOR.REFERENCE.ONLY : Factor w/ 389 levels "Adisham, Kent, England", "Aldershot, Hampshire", "Alton, Hampshire", "Alton, Hampshire", "Alton, Hampshire", ...
```

```
## Drop empty third column:
```

```
places.sheet <- places.sheet[,c(1,2,4)]
```

```
places.sheet.colnames <- c("Location_name", "Location_id", "Copy.of.type.ahead")
```

```
colnames(places.sheet) <- places.sheet.colnames
```

# Life Events Import

The code below imports the life events sheet and fixes column names.

```
library(xlsx)

gronovius.life.events <- read.xlsx("EMLO_Sample_Prosepography_Spreadsheet_Gronovius_150518_version 4.xlsx",
                                   startRow = 443, # data headings are on row 443
                                   endRow = 549) # the last data appears in row 549

## Restrict import to data columns:
gronovius.life.events <- gronovius.life.events[,1:31]

## List correct names:
correct.life.event.col.names <- c("Event.Label", "Category", "Event.or.Relationship.Type", "Event.Name.or.Description",
    "Primary.Participant.Emlo_ID", "Primary.Participant.Name", "Primary.Participant.Role",
    "Secondary.Participant.Emlo_ID", "Secondary.Participant.Name", "Secondary.Participant.Type",
    "Secondary.Participant.Role", "DateOne.Year", "DateOne.Month", "DateOne.Day", "DateOne.Uncertainty",
    "DateTwo.Year", "DateTwo.Month", "DateTwo.Day", "DateTwo.Uncertainty", "Date.Type",
    "Location.Name", "Location.Details", "Location.Type.Ahead", "Location.Region", "Location.Type.Ahead",
    "Location.Type", "Textual.Source.Source", "Textual.Source.Details", "Who.Entered.Data",
    "Whose.Notes", "Additional.Notes")

## Update colnames
colnames(gronovius.life.events) <- correct.life.event.col.names

## There are empty
str(gronovius.life.events)

## 'data.frame': 106 obs. of 31 variables:
## $ Event.Label : num 1 2 3 4 5 6 7 8 9 10 ...
## $ Category : Factor w/ 6 levels "BasicData","EcclesiasticActivity",...: 1 1 1 1 1 ...
## $ Event.or.Relationship.Type : Factor w/ 15 levels "Birth","Correspondence",...: 1 3 6 6 5 13 13 1 ...
## $ Event.Name.or.Description : Factor w/ 7 levels "Dr of law","Greek and History",...: NA NA NA NA NA ...
## $ Primary.Participant.Emlo_ID : num 17558 17558 17558 17558 908263 ...
## $ Primary.Participant.Name : Factor w/ 3 levels "Gronouw, David (d. 1634)",...: 2 2 2 2 1 2 2 2 ...
## $ Primary.Participant.Role : Factor w/ 21 levels "Acquaintance",...: 2 6 16 16 5 18 18 20 20 20 ...
## $ Secondary.Participant.Emlo_ID: num NA NA 908263 908264 908262 ...
## $ Secondary.Participant.Name : Factor w/ 50 levels "-", "Academic Gymnasium Hamburg",...: 1 1 13 25 ...
## $ Secondary.Participant.Type : Factor w/ 3 levels "Group","Organisation",...: NA NA 3 3 3 2 2 NA NA ...
## $ Secondary.Participant.Role : Factor w/ 16 levels "AcademicInstitution",...: NA NA 6 9 5 1 1 NA NA ...
## $ DateOne.Year : num 1611 1671 NA NA NA ...
## $ DateOne.Month : num 9 12 NA NA NA NA NA 2 NA NA ...
## $ DateOne.Day : num 5 20 NA NA NA NA NA NA NA NA ...
## $ DateOne.Uncertainty : Factor w/ 1 level "Uncertain": NA NA NA NA NA NA NA 1 NA NA ...
## $ DateTwo.Year : num NA NA NA NA NA ...
## $ DateTwo.Month : num NA NA NA NA NA NA NA NA NA NA ...
## $ DateTwo.Day : num NA NA NA NA NA NA NA NA NA NA ...
## $ DateTwo.Uncertainty : logi NA NA NA NA NA NA ...
## $ Date.Type : Factor w/ 4 levels "After","Before",...: NA NA NA NA NA 3 3 NA NA ...
## $ Location.Name : num 3e+05 9e+05 NA NA NA ...
## $ Location.Details : logi NA NA NA NA NA NA ...
## $ Location.Type.Ahead : Factor w/ 44 levels "-", "Amsterdam, North Holland, (United Provincie)",...: 1 1 1 1 1 1 1 1 1 1 ...
## $ Location.Region : logi NA NA NA NA NA NA ...
```

```
## $ Location.Country      : logi  NA NA NA NA NA NA ...
## $ Location.Type        : Factor w/ 1 level "Inferred": NA NA NA NA NA NA NA 1 NA NA ...
## $ Textual.Source.Source : Factor w/ 8 levels "Alb. Schol. Lugd.",...: 6 6 6 6 6 6 6 6 ...
## $ Textual.Source.Details : Factor w/ 23 levels "130 E 32, 107r",...: 23 23 23 23 23 23 23 23 23 ...
## $ Who.Entered.Date     : Factor w/ 1 level "Robin Buning": 1 1 1 1 1 1 1 1 1 ...
## $ Whose.Notes          : logi  NA NA NA NA NA NA ...
## $ Additional.Notes     : Factor w/ 3 levels "Gronovius accompanied them to a convention of 1
```

There `nrow(unique(gronovius.life.events[,c("Primary.Participant.Emlo_ID", "Secondary.Participant.Emlo_ID")])` unique EMLO\_ID connections, in tabular form:

```
# Find unique connections (relying on EMLO_ID)
unique_Connections <- unique(gronovius.life.events[,c("Primary.Participant.Emlo_ID", "Secondary.Participant.Emlo_ID")])
# Load knitr for the kable function
library(knitr)
kable(gronovius.life.events[
  # Get row names to extract from the full life.events table
  as.numeric(rownames(unique(gronovius.life.events[,c("Primary.Participant.Emlo_ID", "Secondary.Participant.Emlo_ID")])
  # Return only the names of the primary and secondary participant
  c("Primary.Participant.Name", "Secondary.Participant.Name"))])
```

	Primary.Participant.Name	Secondary.Participant.Name
1	Gronovius, Johann Frederick	-
3	Gronovius, Johann Frederick	Gronouw, David (d. 1634)
4	Gronovius, Johann Frederick	Langermann, Margaretha (d. 1656)
5	Gronouw, David (d. 1634)	John Frederick of Schleswig-Holstein-Gottorp (1579-1634)
6	Gronovius, Johann Frederick	Gymnasium Bremen
7	Gronovius, Johann Frederick	Academic Gymnasium Hamburg
11	Gronovius, Johann Frederick	Unidentified delegates of the Duke of Mecklenburg-Holstein and the cities of Lübeck and Rostock
12	Gronovius, Johann Frederick	University of Altdorf
13	Gronovius, Johann Frederick	Ludwellus, Wilhelmus
14	Gronovius, Johann Frederick	Noeslerus, Georgius
15	Gronovius, Johann Frederick	Rittershusius, Konrad (1560-1613)
16	Gronovius, Johann Frederick	Virdungus, Michael
17	Gronovius, Johann Frederick	Kirchmann, Johannes (1575-1643)
18	Gronovius, Johann Frederick	Groot, Hugo de
19	Gronovius, Johann Frederick	Cathedral chapter of St Mary's Hamburg
20	Gronovius, Johann Frederick	son of Michael Reyniersz Pauw
25	Gronovius, Johann Frederick	Vossius, Gerardus Joannes
26	Gronovius, Johann Frederick	Vossius, Isaac (Dr)
27	Gronovius, Johann Frederick	Heinsius, Daniel
28	Gronovius, Johann Frederick	Scriverius, Petrus
29	Gronovius, Johann Frederick	Salmasius, Claudius
30	Gronovius, Johann Frederick	Heinsius the Elder, Nikolaas (1620-1681)
33	Gronovius, Johann Frederick	University of Angers
42	Gronovius, Johann Frederick	Galilei, Galileo
47	Gronovius, Johann Frederick	Gymnasium Illustre Deventer
48	Gronovius, Johann Frederick	Leiden University
51	Gronovius, Johann Frederick	Tennuyl, Adelheid (d. 1656)
52	Gronovius, Johann Frederick	Glagauw, Catharina
54	Gronovius, Johann Frederick	Latin School Bremen
55	Gronovius, Johann Frederick	Hartlib, Samuel
56	Gronovius, Johann Frederick	Hübner, Joachim

	Primary.Participant.Name	Secondary.Participant.Name
58	Gronovius, Johann Frederick	Haak, Theodor
60	Gronovius, Johann Frederick	Casaubon, Isaac
61	Gronovius, Johann Frederick	Balthasar, Christophorus
62	Gronovius, Johann Frederick	Andreae, Tobias
63	Gronovius, Johann Frederick	Alting, Johann Heinrich
64	Gronovius, Johann Frederick	Boswell, William (Sir)
65	Gronovius, Johann Frederick	Colvius, Andreas
67	Gronovius, Johann Frederick	Maresius, Samuel
68	Gronovius, Johann Frederick	Elzevier, Lowijs III
70	Gronovius, Johann Frederick	Horn, Georg
71	Gronovius, Johann Frederick	Oldenburg, Henry
72	Gronovius, Johann Frederick	Oxenstierna, Axel (Count)
73	Gronovius, Johann Frederick	Rivet, André
74	Gronovius, Johann Frederick	Schlezer, Johann Friedrich
75	Gronovius, Johann Frederick	Selden, John
76	Gronovius, Johann Frederick	Spanheim, Friedrich
77	Gronovius, Johann Frederick	Voetius, Gisbert
102	Gronovius, Johann Frederick	Tennulius, Samuel, also Tennuyt
103	Hartlib, Samuel	Tennulius, Samuel, also Tennuyt
105	Gronovius, Johann Frederick	nephew of Michael Reyniersz Pauw