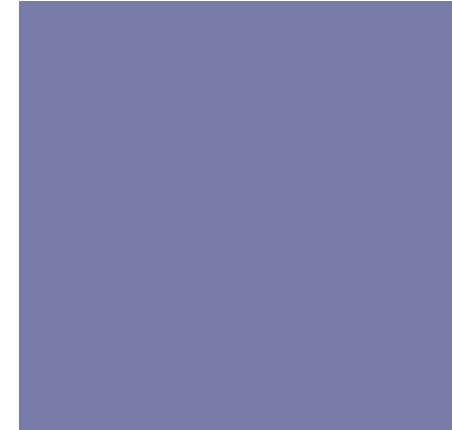
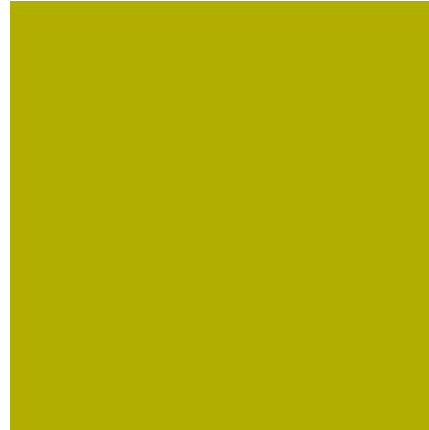




Stéphane Polis  
(F.R.S.-FNRS /ULiège)

In collaboration with Luc Desert  
(CIPL), Jorke Grotenhuis (ULiège),  
Vincent Razanajao (Université  
Bordeaux-Montaigne) & Serge  
Rosmorduc (CNAM)



berlin-brandenburgische  
AKADEMIE DER WISSENSCHAFTEN

## The Thot Sign-list

Introducing the online hieroglyphic  
sign-list, aka TSL

# + Introduction

- Sign-lists in Egyptology
- Towards a data-model
- The Thot Sign-List (TSL)





**+** A (very short) overview of  
sign-lists in Egyptology

# + Sign-lists in Egyptology

- Jean-François Champollion

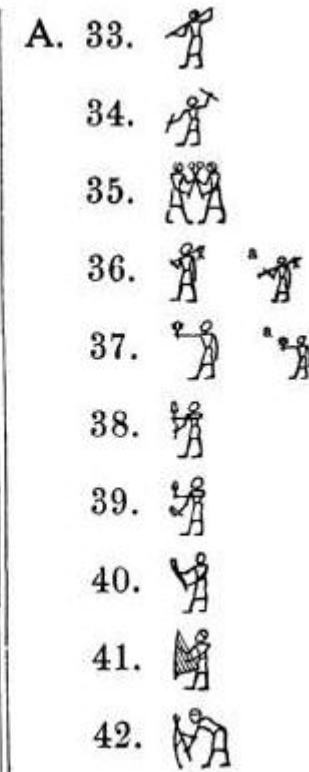
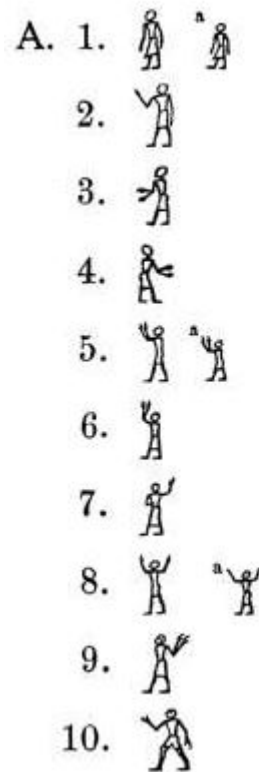


1790-1832

# + Sign-lists in Egyptology

- Jean-François Champollion

- Theinhardt font




# + Sign-lists in Egyptology














- Jean-François Champollion

- Theinhardt font


- Gardiner




## Sect. A. Man and his Occupations


1  seated man








Ideo. in  *s* (*st*)<sup>o</sup> 'man'. Ideo. or det. 'I', 'me' in  *i*,  *wi*,  *ink*,  *kw*. Det. man's relationships or occupations, exx.  *st* 'son';  *smr* 'courtier';  *hwrw* 'wretch';  *irr* 'doer'; also personal names, ex.  *nhw* 'Ankhu'. In personal names,  is abbrev. for  *rhw* 'men';<sup>1</sup> ex.  *Rhw-*nh** 'Rehu<sup>o</sup>nkh'.

<sup>o</sup> Very rarely written as *st*, exx. *Urk.* v. 179; *Mitt.* 18.    <sup>1</sup> *Kec.* 9, 57, n. 2.

 seated man and woman with plural strokes

Det. people and their occupations, exx.  *rm<sup>t</sup>* 'people';  *smw* 'Asiatics';  *mtrw* 'witnesses'.

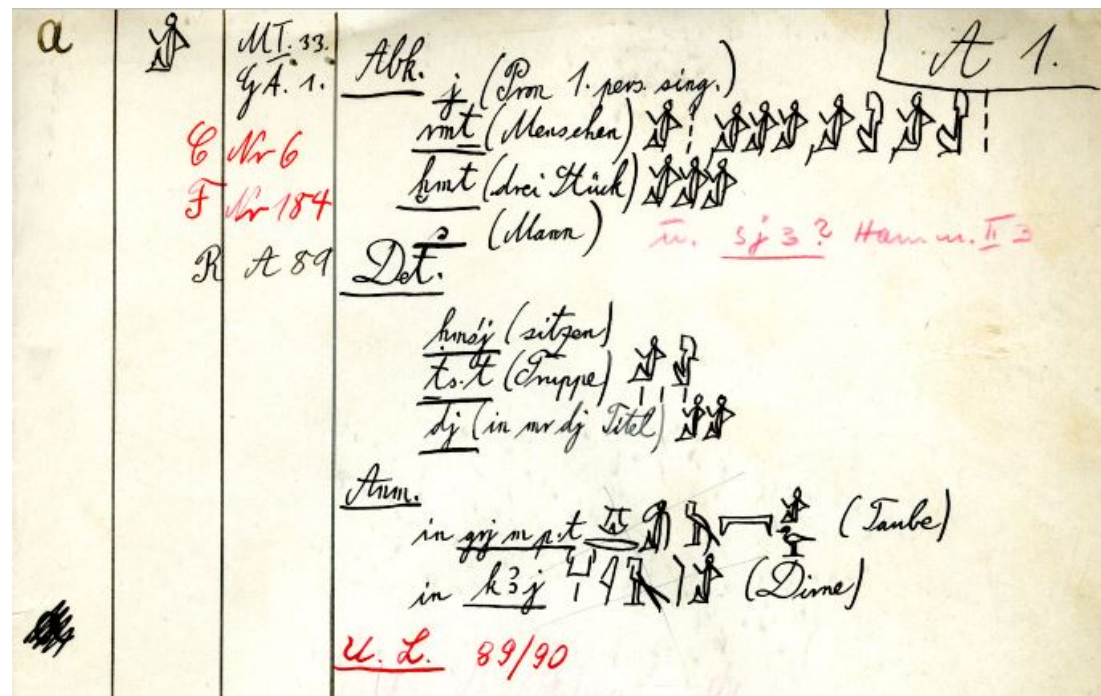
2  man with hand to mouth

Det. eat,<sup>1</sup> exx.  *wmm* 'eat';  *hkr* 'hungry'; drink, ex.  *sw(r)i* 'drink'; speak, exx.  *sdd* 'relate';  *gr* 'be silent'; think, ex.  *kit* 'devise'; feel, ex.  *mri* 'love'.

<sup>1</sup> Old uses, *AZ.* 57, 73.

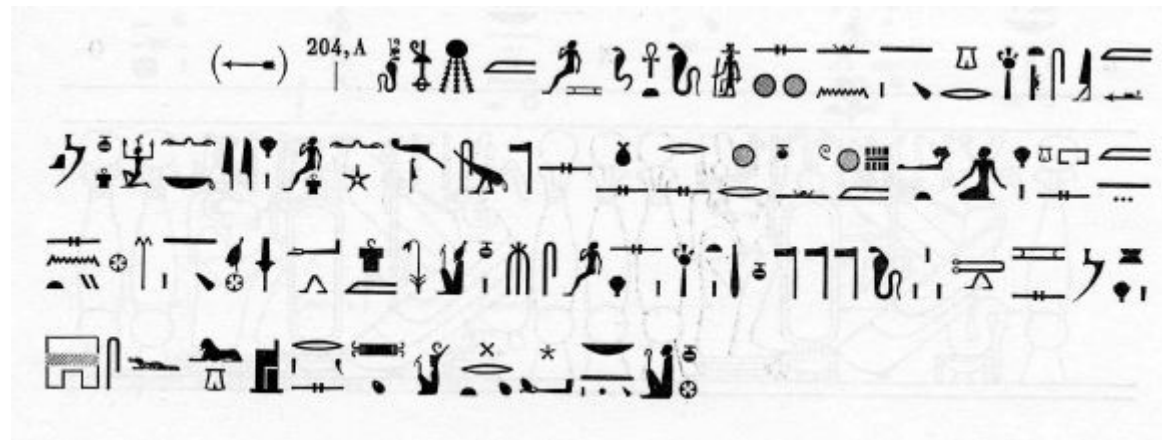
# + Sign-lists in Egyptology

- Jean-François Champollion
- Theinhardt font
- Gardiner
- Berliner Zeichenliste



# + Sign-lists in Egyptology

- Jean-François Champollion
- Theinhardt font
- Gardiner
- Berliner Zeichenliste
- IFAO font





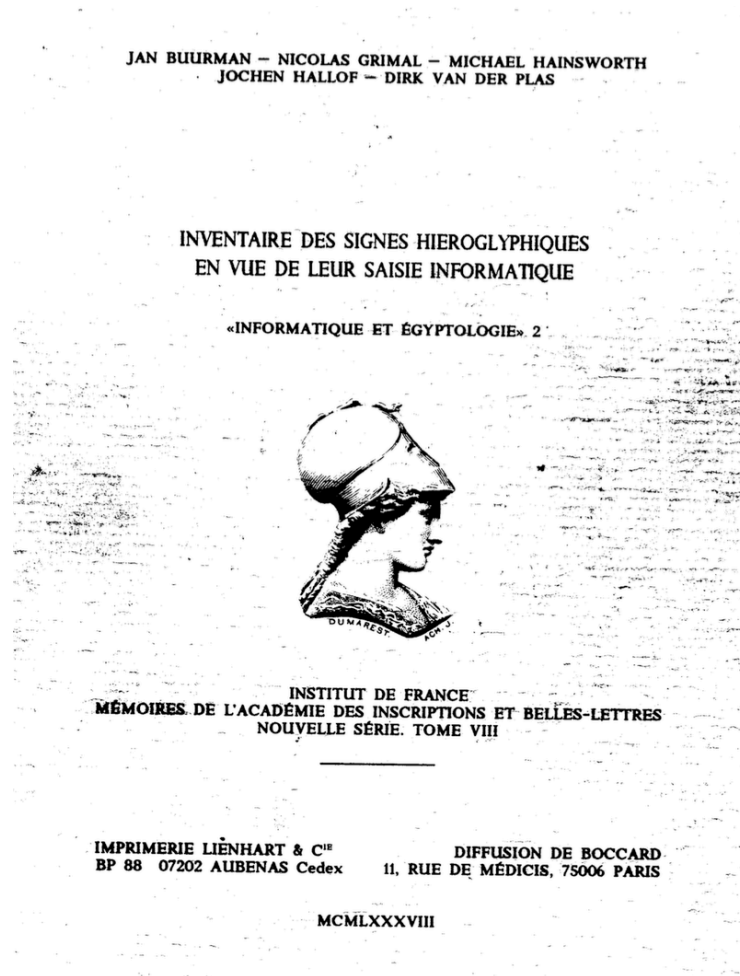
# + Sign-lists in Egyptology

- Many other signlist since then
  - Part of Grammars: Allen, Borghouts, Mailaise & Winand, Schenkel, Kurth, Leitz
  - Part of Dictionaries: Hannig, van der Molen
  - Paleographical works: Paléographie Hiéroglyphique I-VII, Hibis temple project, ect
  - Addendum to a series: Daumas, Cauville
  - Unpublished: Hornung & Schenkel



# + Sign-lists in Egyptology

- Sign-list for digital encoding: Manuel de Codage



A1						
A1A						
A70						
A71						
A2						
A2A						



# + Sign-lists in Egyptology

- Sign-list for digital encoding: Manuel de Codage
  - Glyph
  - MacScribe
  - Winglyph
  - Jsesh, Perfectglyph, etc.



# + Sign-lists in Egyptology

- To sum up:

- Font vs commented sign-lists (esp. with functions)
- Supporting material (esp. references)
- Paleographical (esp. with diachronic purposes, e.g., first use of the sign, first appearance of function 'x', etc.)



# + Towards the TSL

- The positive dimensions of existing sign-lists
  - Functions
  - Sources and references
  - Diachronic information
- Addition needed
  - Description of the signs and standardization
  - Collection of shapes and analysis of the variation
  - Harmonizing the codes



# + Towards the TSL

- Limitations in currently published sign lists
  - Difficult to update
  - Limited accessibility (students, etc.)
  - Geographical or temporal limitations





**+** The data-model

# + The data-model



**Réviser le codage de l'égyptien ancien**

**Vers un répertoire partagé des signes hiéroglyphiques**

**Stéphane Polis<sup>1</sup>, Serge Rosmorduc<sup>2</sup>**

---

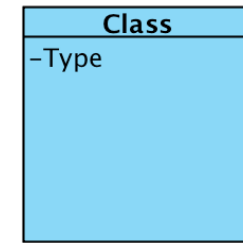
**Dictionnaire hiéroglyphique, inventaire  
des hiéroglyphes et Unicode**

**Dimitri Meeks**

**2013**



# + The data-model



## Réviser le codage de l'égyptien ancien

Vers un répertoire partagé des signes hiéroglyphiques

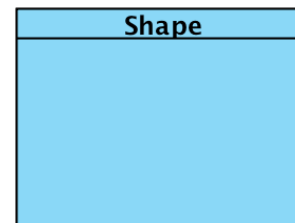
Stéphane Polis<sup>1</sup>, Serge Rosmorduc<sup>2</sup>

---

Dictionnaire hiéroglyphique, inventaire  
des hiéroglyphes et Unicode

Dimitri Meeks

2013



# + The data-model



Aa-001a



Aa-001d



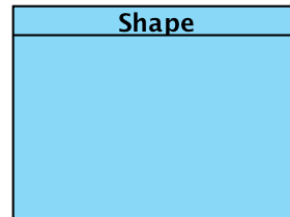
Aa-001f



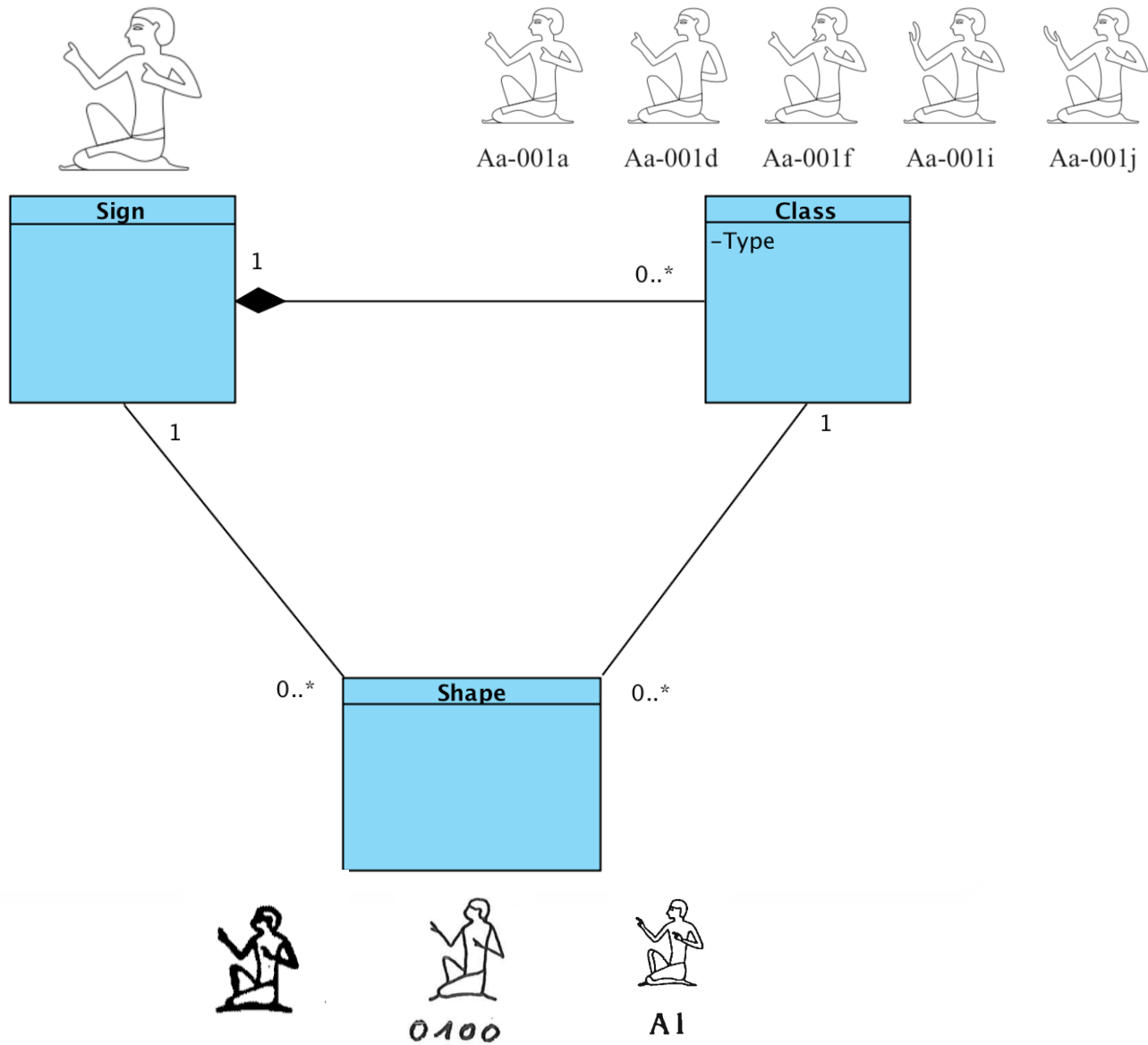
Aa-001i



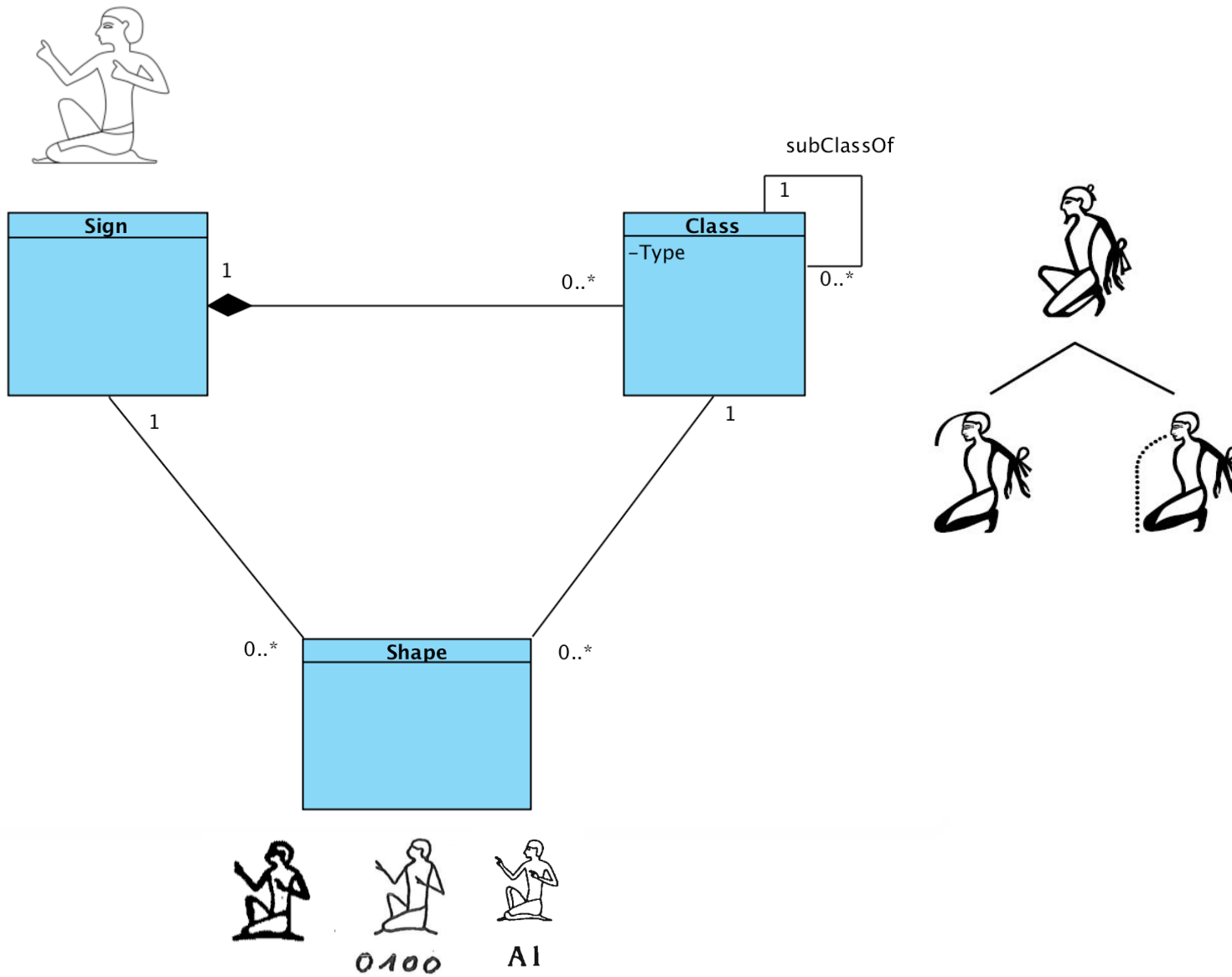
Aa-001j



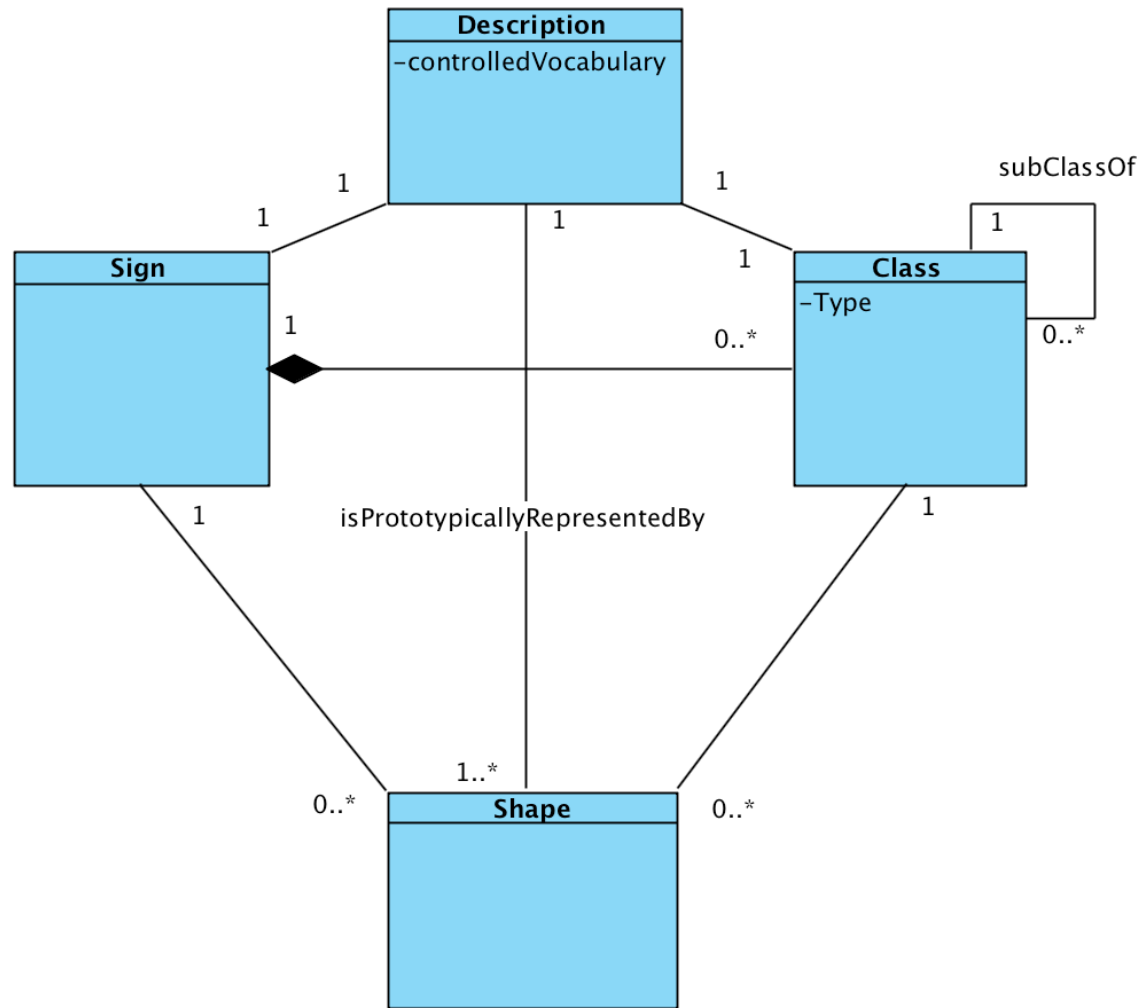
# + The data-model



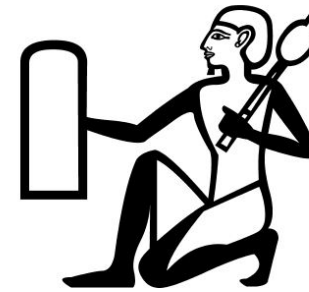
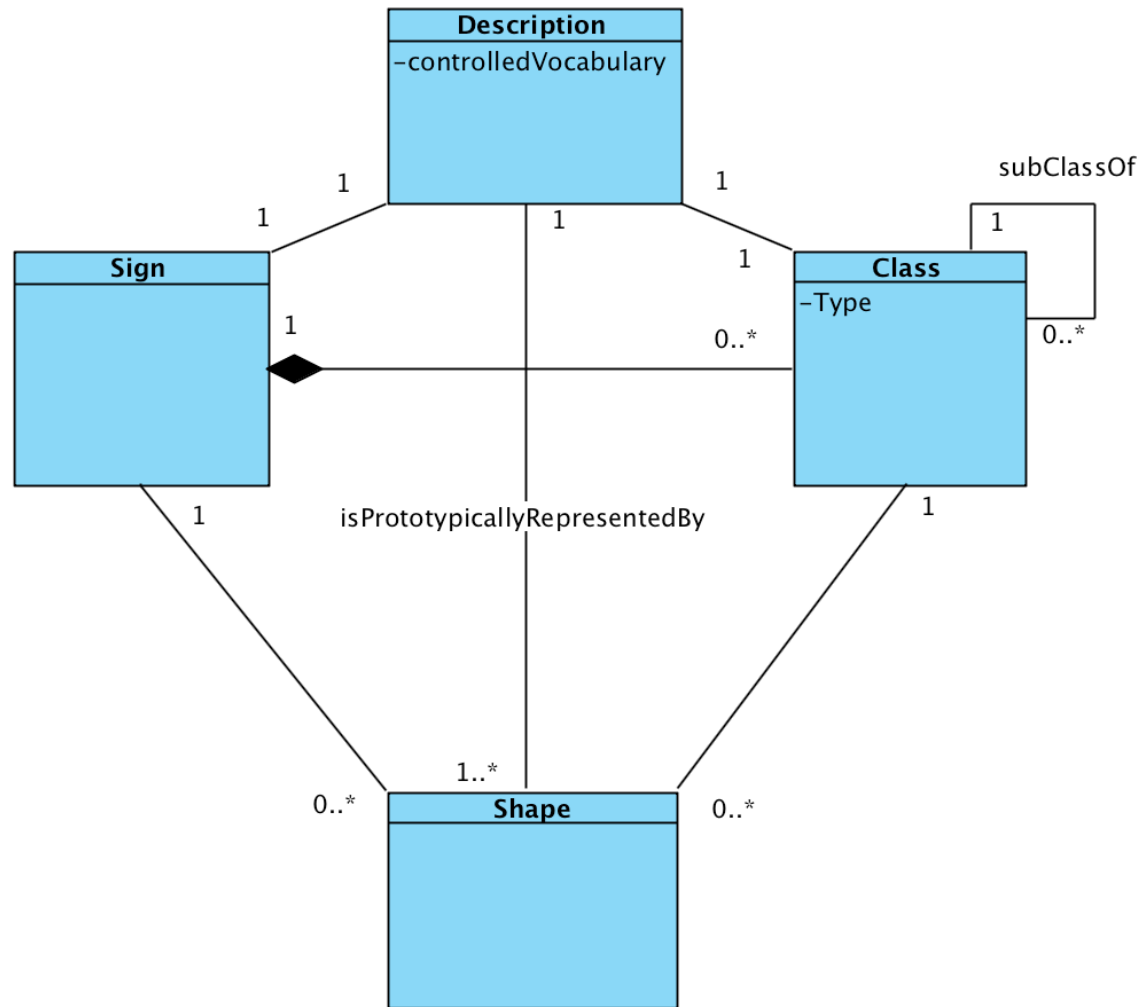
# + The data-model



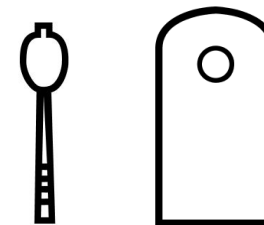
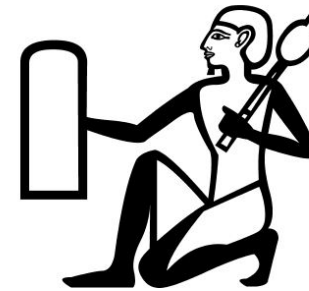
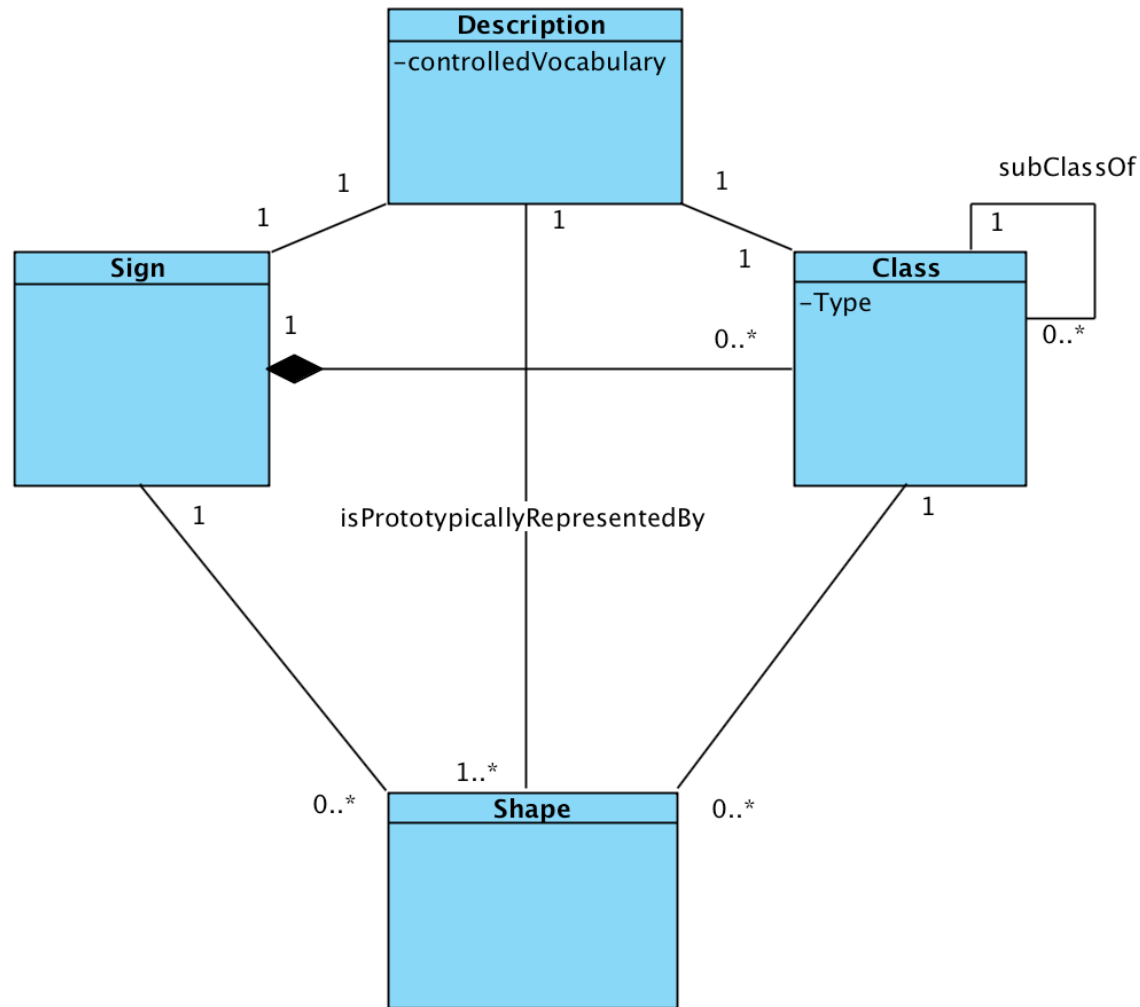
# + The data-model



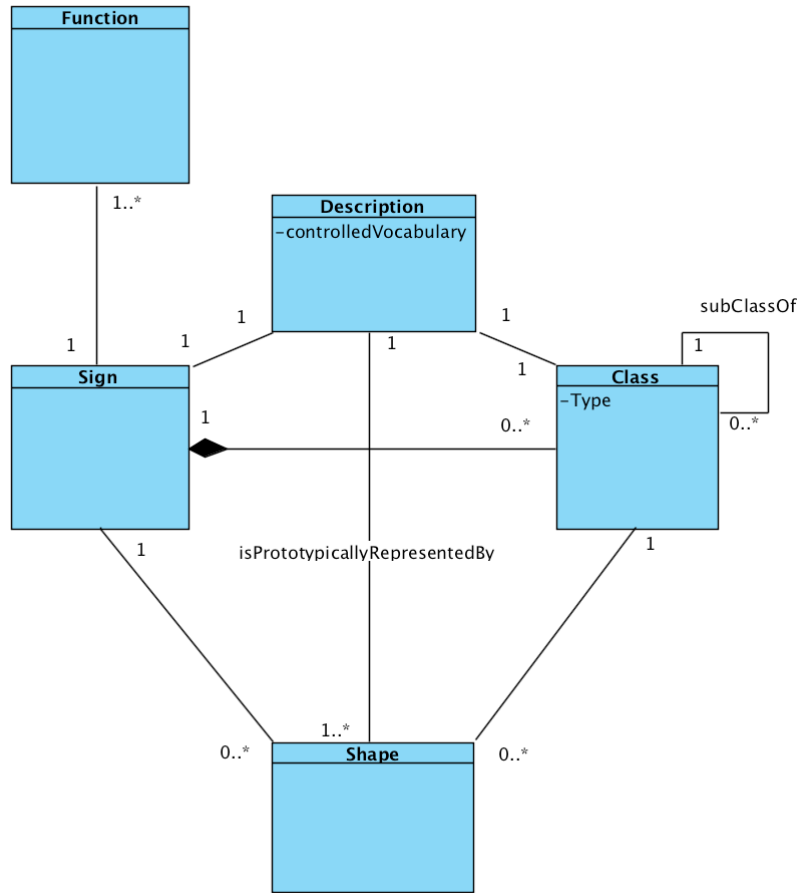
# + The data-model



# + The data-model

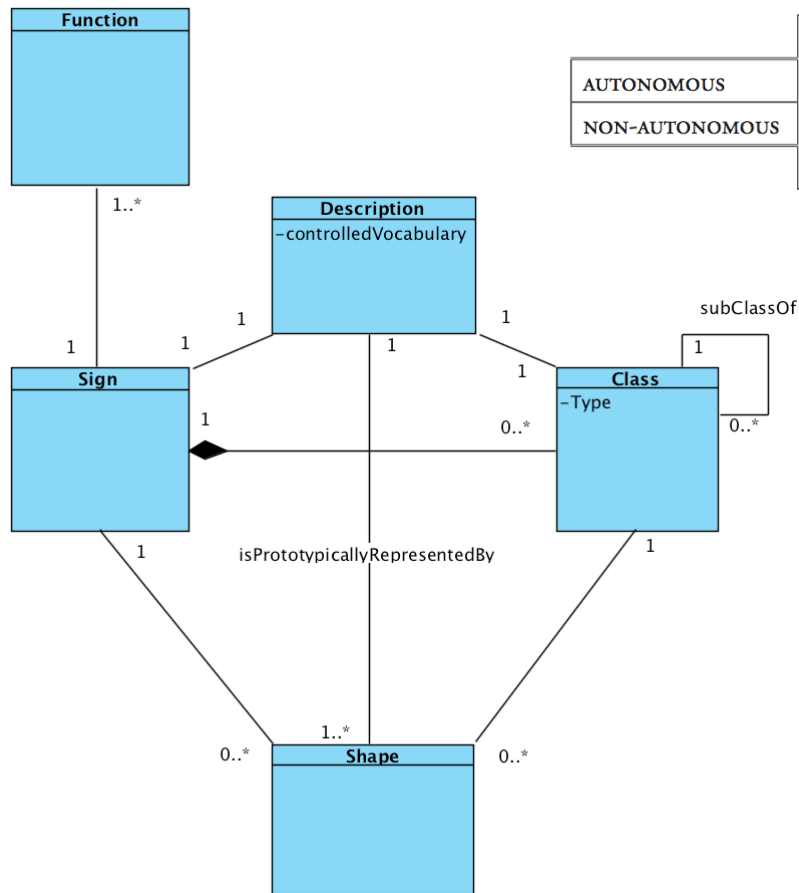


# + The data-model





# + The data-model



	+ SEMOGRAM		- SEMOGRAM
AUTONOMOUS	Pictogram	Logogram	Phonogram
NON-AUTONOMOUS	Classifier	Radicogram	Interpretant
	- PHONEMOGRAM		+ PHONEMOGRAM

Fig. 10 A taxonomy of the hieroglyphic sign functions

## The Hieroglyphic Sign Functions<sup>1</sup>

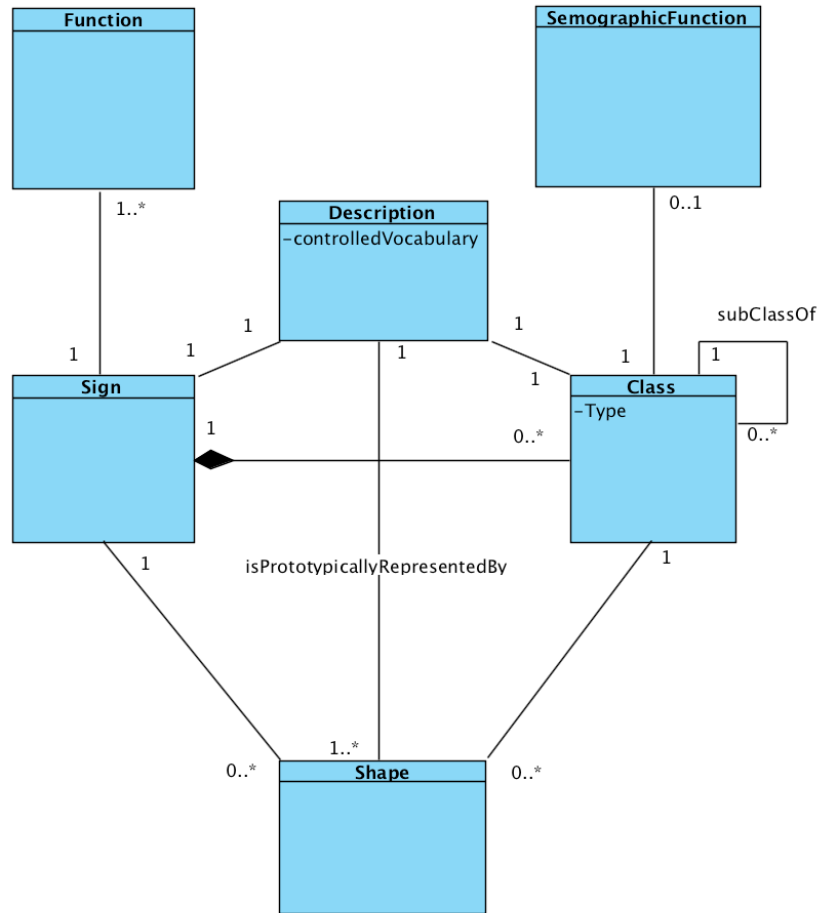
Suggestions for a Revised Taxonomy

Stéphane Polis/Serge Rosmorduc

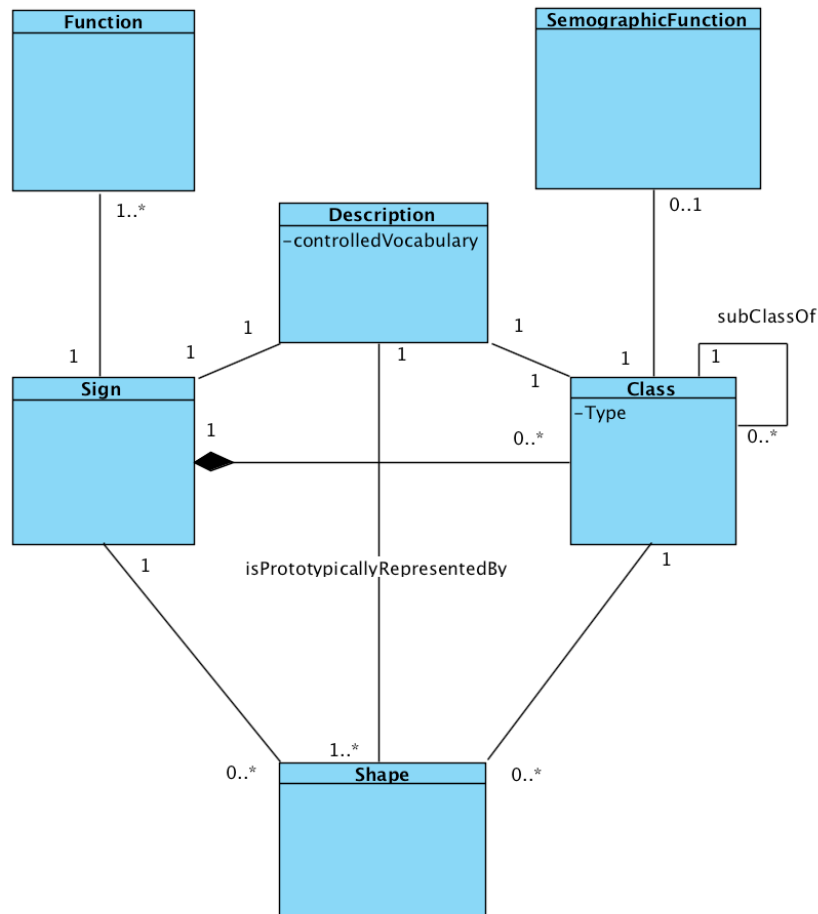
### Abstract

*The aim of this paper is to suggest a taxonomy that allows for a systematic description of the functions that can be fulfilled by hieroglyphic signs. Taking as a point of departure the insights of several studies that have been published on the topic since Champollion, we suggest that three key-features – namely, semography, phonemography and autonomy – are needed in order to provide a description of the glottic functions of the ancient Egyptian graphemes. Combining these paradigmatic and syntagmatic features, six core functions can be identified for the hieroglyphic signs: they may behave as pictograms, logograms, phonograms, classifiers, radicograms or interpretants. In a second step, we provide a definition for each function and discuss examples that illustrate the fuzziness between these core semiotic categories.*

# + The data-model



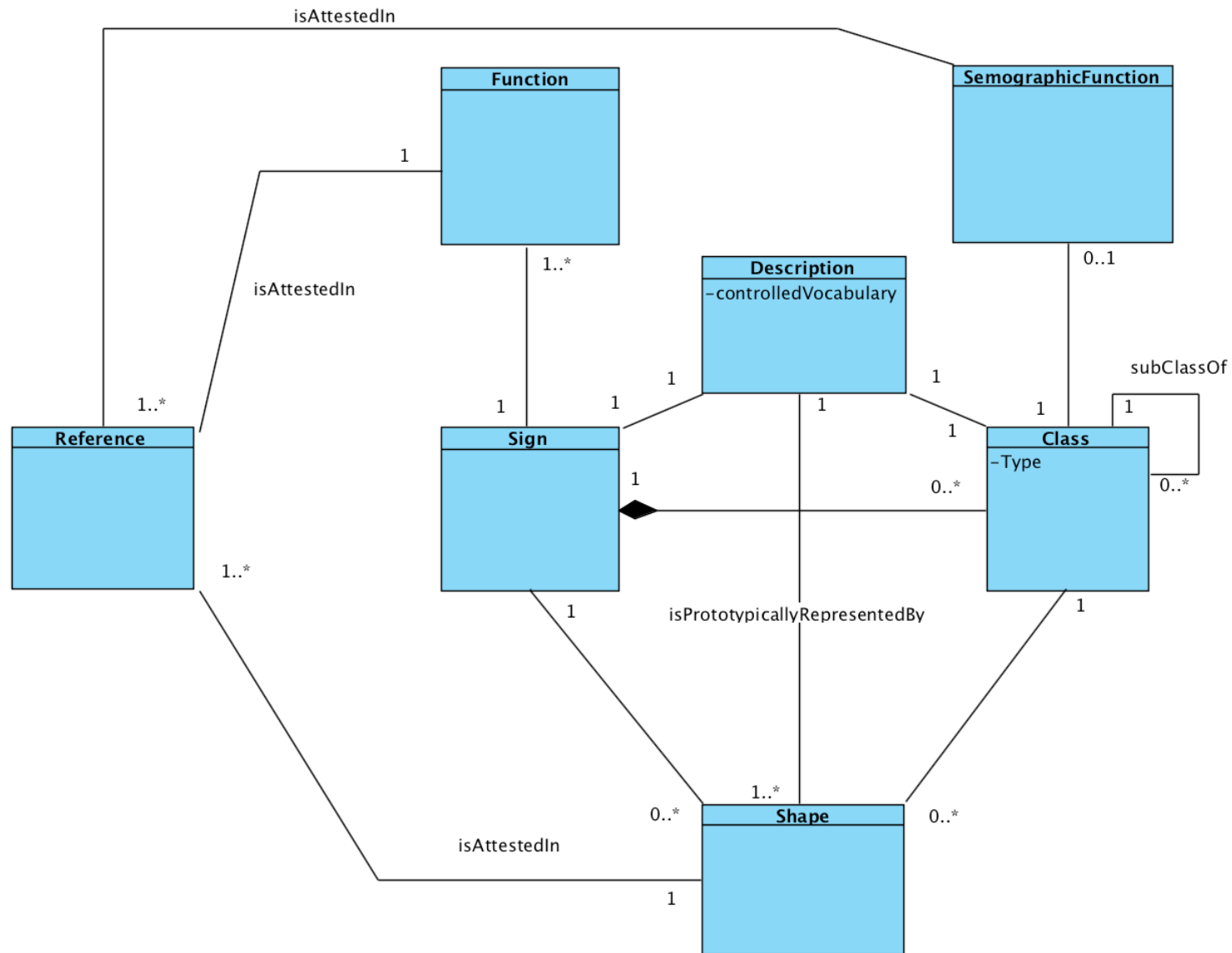
# + The data-model



“herdsman”



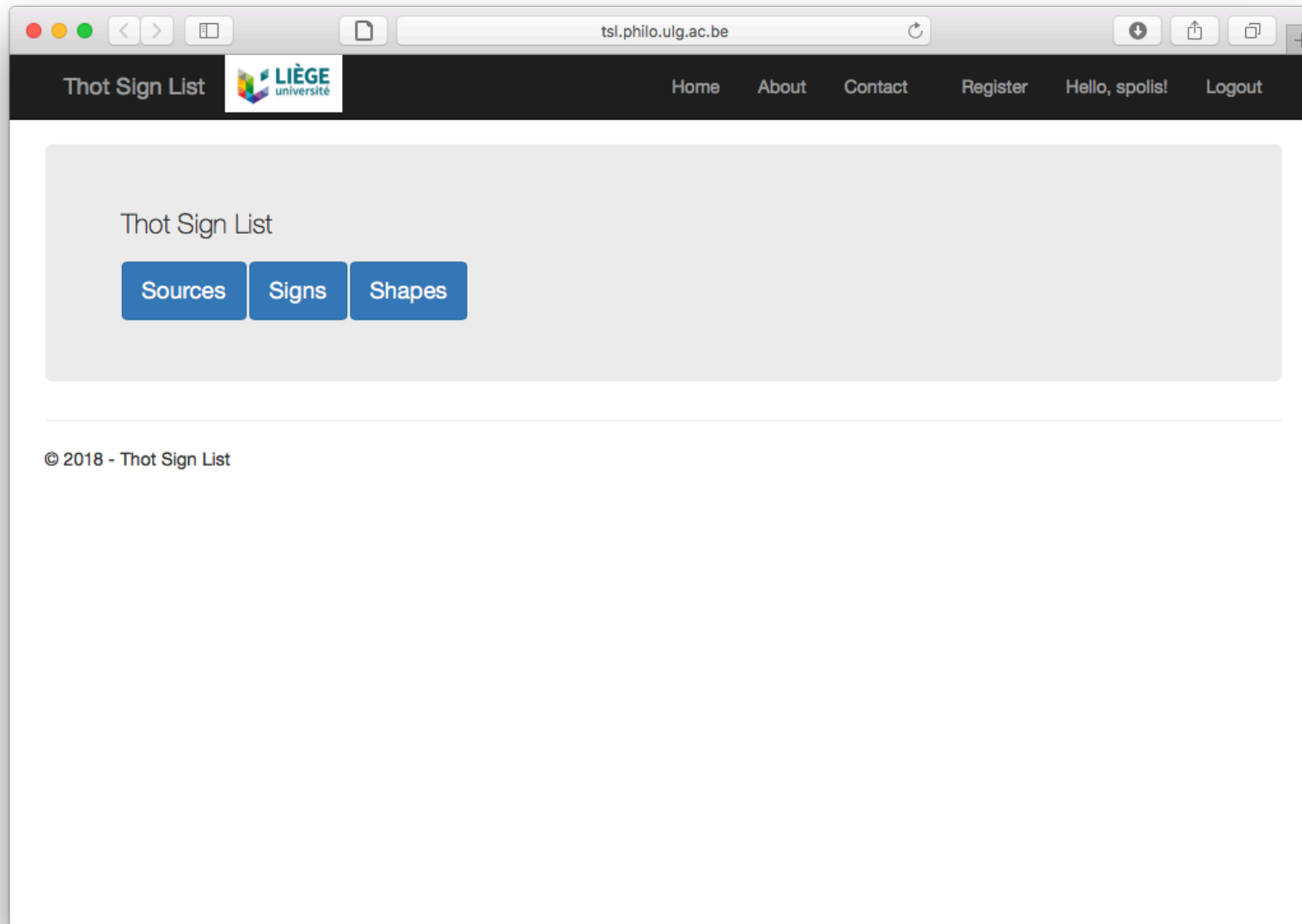
# + The data-model



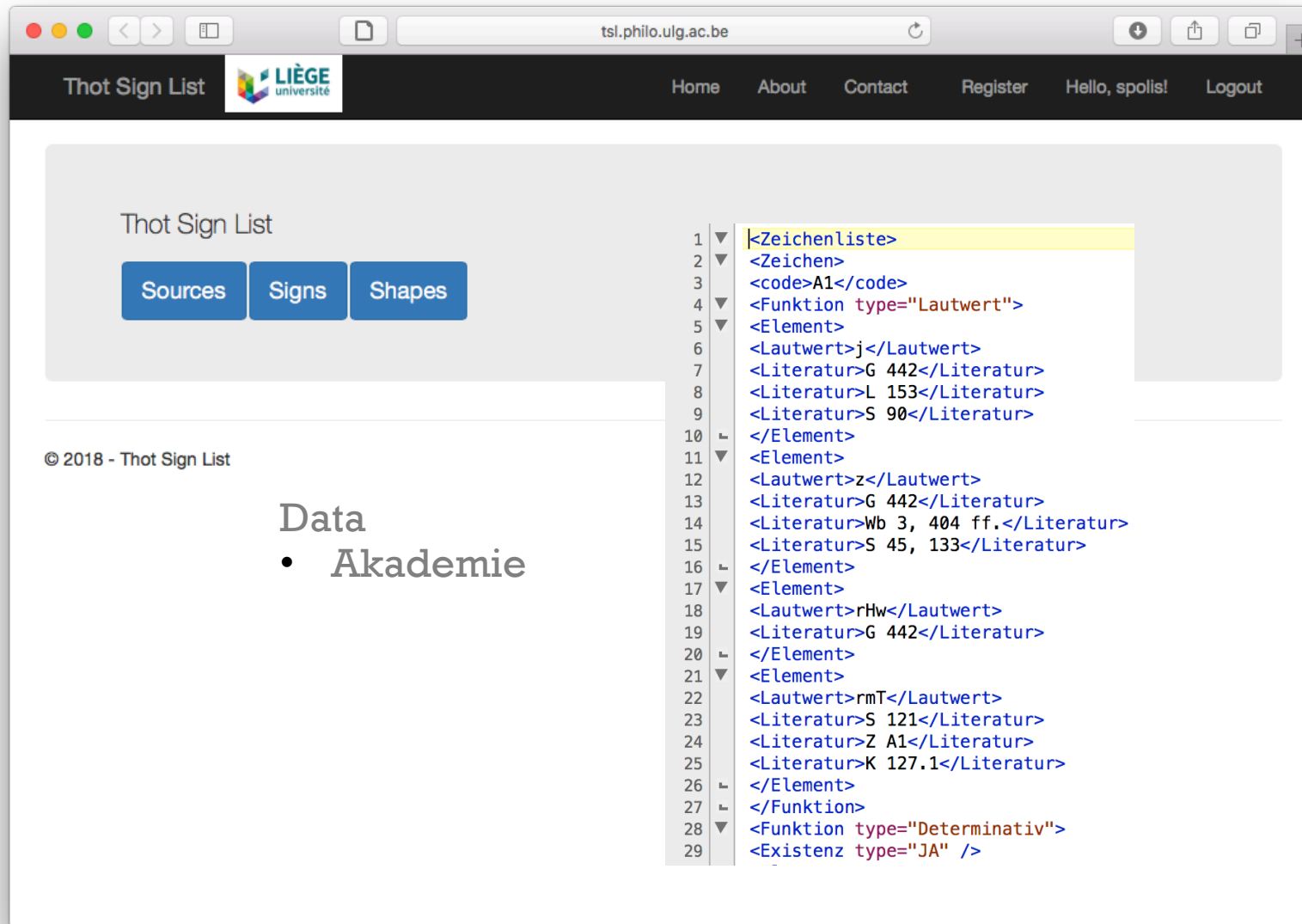


## + The Thot Sign List (TSL)

# + The Thot Sign List (TSL)



# + The Thot Sign List (TSL)

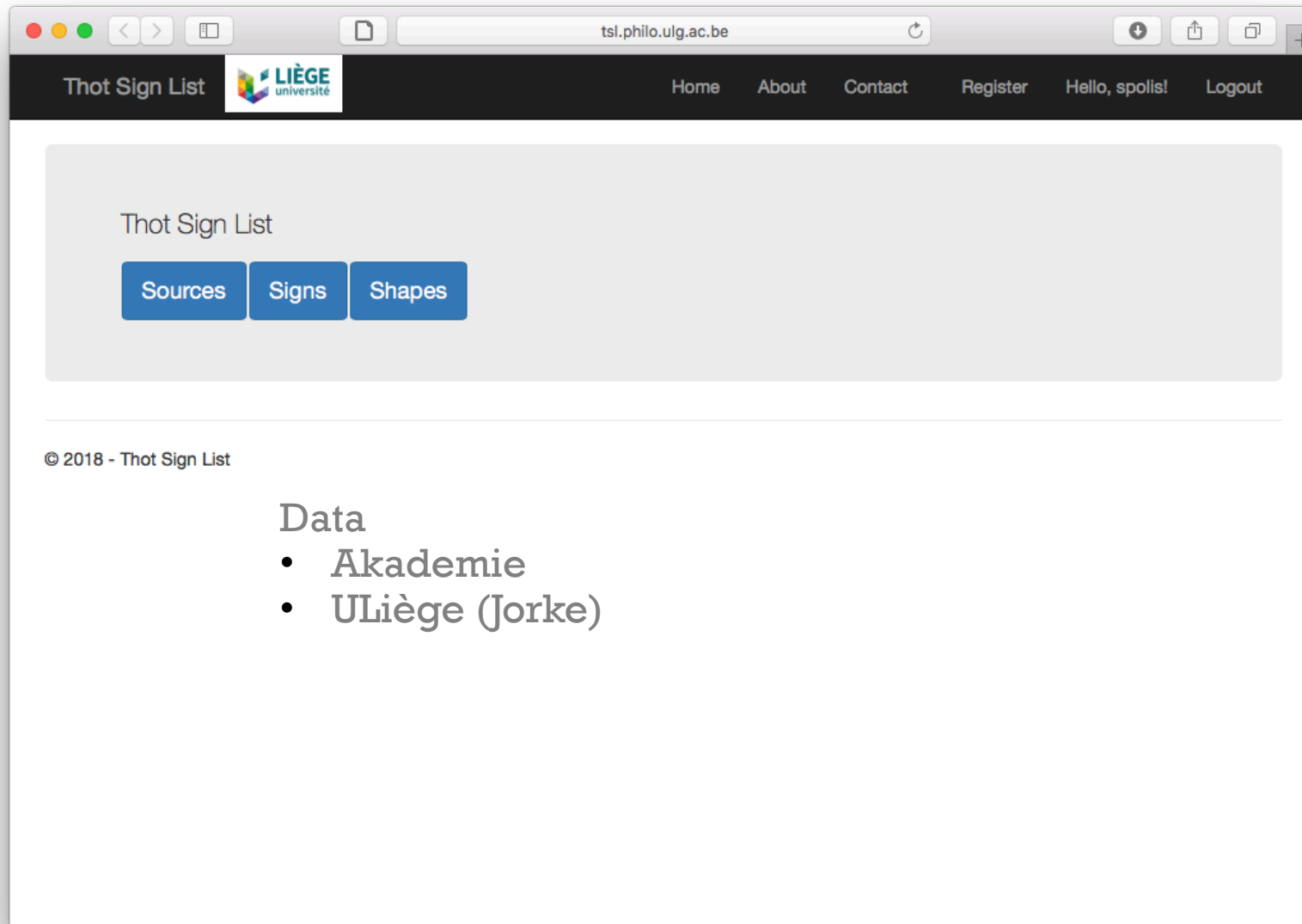


The screenshot shows a web browser window displaying the Thot Sign List website. The browser's address bar shows the URL `tsl.philo.ulg.ac.be`. The website's header includes the Thot Sign List logo, the LIÈGE université logo, and navigation links: Home, About, Contact, Register, Hello, spolis!, and Logout.

The main content area features the title "Thot Sign List" and three buttons: Sources, Signs, and Shapes. Below the buttons, there is a copyright notice: © 2018 - Thot Sign List. The page content is divided into two columns. The left column contains the text "Data" followed by a bullet point "• Akademie". The right column displays a list of XML tags representing signs, with line numbers 1 through 29 on the left. The XML code is as follows:

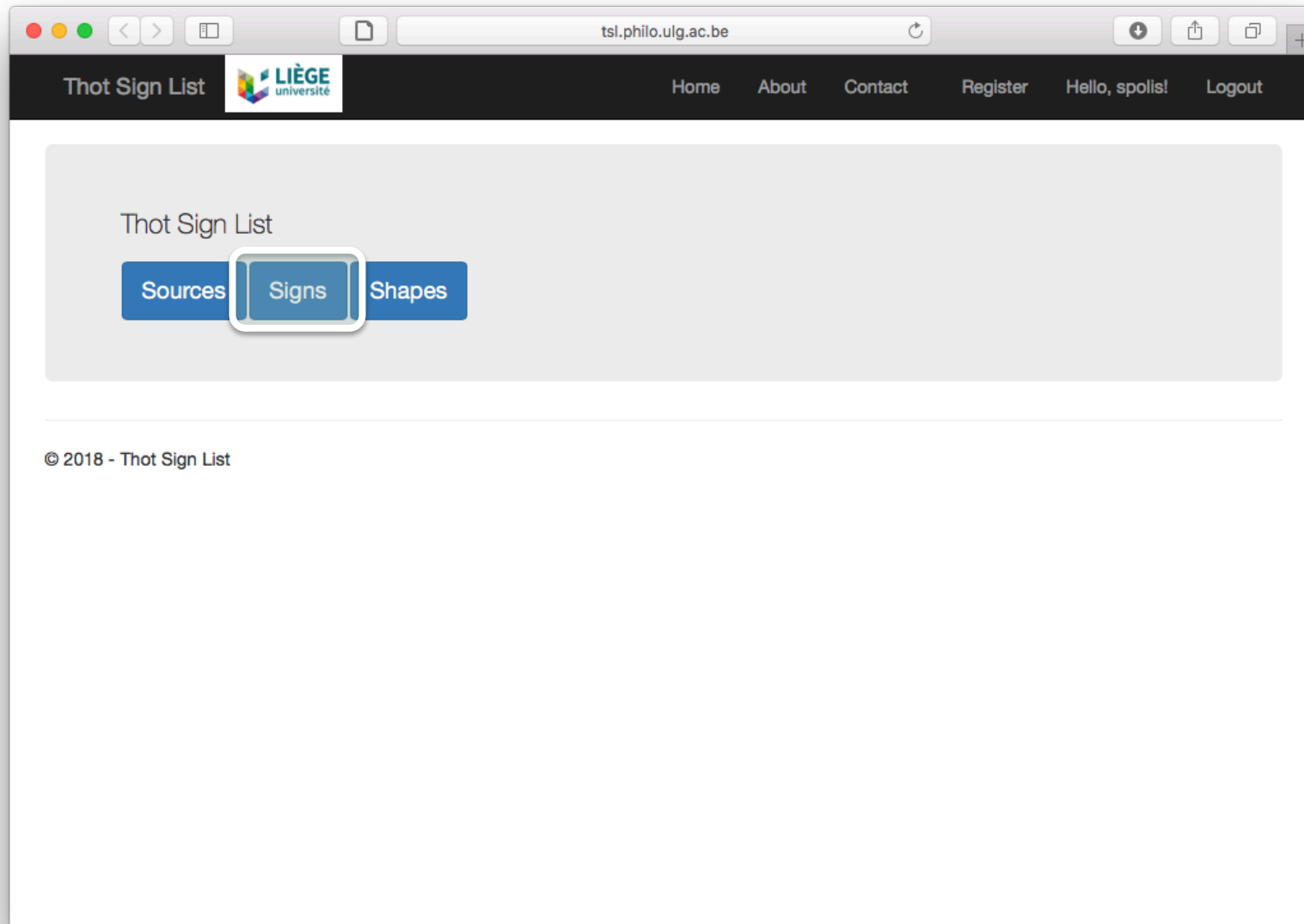
```
1 <Zeichenliste>
2 <Zeichen>
3 <code>A1</code>
4 <Funktion type="Lautwert">
5 <Element>
6 <Lautwert>j</Lautwert>
7 <Literatur>G 442</Literatur>
8 <Literatur>L 153</Literatur>
9 <Literatur>S 90</Literatur>
10 </Element>
11 <Element>
12 <Lautwert>z</Lautwert>
13 <Literatur>G 442</Literatur>
14 <Literatur>Wb 3, 404 ff.</Literatur>
15 <Literatur>S 45, 133</Literatur>
16 </Element>
17 <Element>
18 <Lautwert>rHw</Lautwert>
19 <Literatur>G 442</Literatur>
20 </Element>
21 <Element>
22 <Lautwert>rmT</Lautwert>
23 <Literatur>S 121</Literatur>
24 <Literatur>Z A1</Literatur>
25 <Literatur>K 127.1</Literatur>
26 </Element>
27 </Funktion>
28 <Funktion type="Determinativ">
29 <Existenz type="JA" />
```

# + The Thot Sign List (TSL)





# + The Thot Sign List (TSL)



# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The page title is "Signs - Thot Sign List". The navigation bar includes "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout". The main content area is titled "Signs" and features a "Meeks Category" dropdown menu set to "A Men and their occupations." with a "New" button. Below the menu are navigation links: "First", "Next", "1", "Previous", and "Last". A list of signs is displayed, each with a "Delete" button. The signs are as follows:

Sign Id	Shape Id	Meeks Category	Action
<a href="#">TSL_1_912</a>	TSL_3_8460	A	Delete
<a href="#">TSL_1_895</a>	TSL_3_8443	A	Delete
<a href="#">TSL_1_879</a>	TSL_3_8427	A	Delete
<a href="#">TSL_1_851</a>	TSL_3_8399	A	Delete
<a href="#">TSL_1_793</a>	TSL_3_8341	A	Delete
<a href="#">TSL_1_630</a>	TSL_3_8178	A	Delete
<a href="#">TSL_1_459</a>	TSL_3_8007	A	Delete
<a href="#">TSL_1_290</a>	TSL_3_7838	A	Delete
<a href="#">TSL_1_82</a>	TSL_3_7630	A	Delete

© 2018 - Thot Sign List



# + The Thot Sign List (TSL)

Home Page - Thot Sign List | Signs - Thot Sign List

Thot Sign List Home About Contact Register Hello, spoils! Logout

## Signs

Meeks Category: A Men and their occupations. [New](#)

[First](#) [Next](#) [1](#) [Previous](#) [Last](#)

Sign Id : <a href="#">TSL_1_912</a> Shape Id : TSL_3_8460	Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_895</a> Shape Id : TSL_3_8443	Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_879</a> Shape Id : TSL_3_8427	Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_851</a> Shape Id : TSL_3_8399	Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_793</a> Shape Id : TSL_3_8341	Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_630</a> Shape Id : TSL_3_8178	Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_459</a> Shape Id : TSL_3_8007	Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_290</a> Shape Id : TSL_3_7838	Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_82</a> Shape Id : TSL_3_7630	Meeks Category : A	<a href="#">Delete</a>

© 2018 - Thot Sign List



# + The Thot Sign List (TSL)

Home Page - Thot Sign List | Signs - Thot Sign List

Thot Sign List Home About Contact Register Hello, spolis! Logout

## Signs

Meeks Category: A Men and their occupations. [New](#)

[First](#) [Next](#) [1](#) [Previous](#) [Last](#)

Sign Id : <a href="#">TSL_1_912</a>	Shape Id : TSL_3_8460		Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_895</a>	Shape Id : TSL_3_8443		Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_879</a>	Shape Id : TSL_3_8427		Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_851</a>	Shape Id : TSL_3_8399		Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_793</a>	Shape Id : TSL_3_8341		Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_630</a>	Shape Id : TSL_3_8178		Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_459</a>	Shape Id : TSL_3_8007		Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_290</a>	Shape Id : TSL_3_7838		Meeks Category : A	<a href="#">Delete</a>
Sign Id : <a href="#">TSL_1_82</a>	Shape Id : TSL_3_7630		Meeks Category : A	<a href="#">Delete</a>

© 2018 - Thot Sign List



# + The Thot Sign List (TSL)

Home Page - Thot Sign List | Signs - Thot Sign List

Thot Sign List | LIÈGE université | Home | About | Contact | Register | Hello, spolis! | Logout

## Signs

Meeks Category: A Men and their occupations. [New]

First Next 1 Previous Last

Sign Id : <a href="#">TSL_1_917</a>	Shape Id : TSL_3_8460		Meeks Category : A	Delete
Sign Id : <a href="#">TSL_1_899</a>	Shape Id : TSL_3_8443		Meeks Category : A	Delete
Sign Id : <a href="#">TSL_1_879</a>	Shape Id : TSL_3_8427		Meeks Category : A	Delete
Sign Id : <a href="#">TSL_1_859</a>	Shape Id : TSL_3_8399		Meeks Category : A	Delete
Sign Id : <a href="#">TSL_1_799</a>	Shape Id : TSL_3_8341		Meeks Category : A	Delete
Sign Id : <a href="#">TSL_1_639</a>	Shape Id : TSL_3_8178		Meeks Category : A	Delete
Sign Id : <a href="#">TSL_1_459</a>	Shape Id : TSL_3_8007		Meeks Category : A	Delete
Sign Id : <a href="#">TSL_1_299</a>	Shape Id : TSL_3_7838		Meeks Category : A	Delete
Sign Id : <a href="#">TSL_1_829</a>	Shape Id : TSL_3_7630		Meeks Category : A	Delete


© 2018 - Thot Sign List



# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser tabs include "Home Page - Thot Sign List", "Signs - Thot Sign List", "Sign 29 - Thot Sign List", and "Sign 6 - Thot Sign List". The website header features the "Thot Sign List" logo and the "LIÈGE université" logo, along with navigation links: Home, About, Contact, Register, Hello, spolis!, and Logout.

The main content area displays the details for a specific sign:

- Sign Id : `TSL_1_6` Shape Id : `TSL_3_7099` L1.svg  Meeks category : L Creator : `jgrotenhuis` Editor : [Edit](#)

Below this, there are tabs for "Description", "Functions", "Shapes", and "Codes". The "Description" tab is active, showing:

- Basic Form** full quadrat **Type** regular
- Description Comment** Dung beetle, scarab (scarabaeus sacer)
- Components Comment**
- [Edit](#)

There is a "List of Tags" section with "dung beetle" and "scarab" tags, each with a minus sign. Below this is an input field and an "Add" button. An "Add to List" button is also present.

The "Components" section includes an input field with the text "Add the sign\_id" and a plus sign, and a "Sign Bibliography" button.


At the bottom left, the copyright notice reads "© 2018 - Thot Sign List".



# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser tabs include 'Home Page - Thot Sign List', 'Signs - Thot Sign List', 'Sign 29 - Thot Sign List', and 'Sign 6 - Thot Sign List'. The website header features the 'Thot Sign List' logo and the 'LIÈGE université' logo, along with navigation links: Home, About, Contact, Register, Hello, spolis!, and Logout.

The main content area displays a sign entry for 'TSL\_1\_6'. The entry details are as follows:

- Sign Id : TSL\_1\_6
- Shape Id : TSL\_3\_7099
- L1.svg 
- Meeks category : L
- Creator : jgrotenhuis
- Editor : [Edit](#)

The entry is viewed under the 'Description' tab. The content includes:

- Basic Form** full quadrat **Type** regular
- Description Comment** Dung beetle, scarab (scarabaeus sacer)
- Components Comment** [Edit](#)

Below the description, there is a 'List of Tags' section with the following tags: dung beetle - scarab -. There is an input field and an 'Add' button for adding more tags.

At the bottom of the entry, there is a 'Components' section with an input field labeled 'Add the sign\_id +' and a 'Sign Bibliography' button.


The footer of the page contains the copyright notice: © 2018 - Thot Sign List.



# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser tabs include "Home Page - Thot Sign List", "Signs - Thot Sign List", "Sign 29 - Thot Sign List", and "Sign 6 - Thot Sign List". The website header features the "Thot Sign List" logo and the "LIÈGE université" logo, along with navigation links: Home, About, Contact, Register, Hello, spolis!, and Logout.

The main content area displays the details for a specific sign:

- Sign Id : `TSL_1_6` Shape Id : `TSL_3_7099` L1.svg  Meeks category : L Creator : `jgrotenhuis` Editor : [Edit](#)
- Navigation tabs: [Description](#) (selected), [Functions](#), [Shapes](#), [Codes](#)
- Basic Form** full quadrat **Type** regular
- Description Comment** Dung beetle, scarab (scarabaeus sacer)
- Components Comment**
- [Edit](#)
- List of Tags: dung beetle - scarab -
- 
- [Add to List](#)
- Components:

© 2018 - Thot Sign List






# + The Thot Sign List (TSL)



The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser tabs include 'Home Page - Thot Sign List', 'Signs - Thot Sign List', 'Sign 29 - Thot Sign List', and 'Sign 6 - Thot Sign List'. The website header features the 'Thot Sign List' logo and the 'LIÈGE université' logo, along with navigation links: Home, About, Contact, Register, Hello, spolis!, and Logout.

The main content area displays the details for a specific sign:

- Sign Id : `TSL_1_6` Shape Id : `TSL_3_7099` L1.svg  Meeks category : L Creator : `jgrotenhuis` Editor : [Edit](#)

Below this, there are tabs for 'Description', 'Functions', 'Shapes', and 'Codes'. The 'Description' tab is active, showing:

- Basic Form** full quadrat **Type** regular
- Description Comment** Dung beetle, scarab (scarabaeus sacer)
- Components Comment**
- [Edit](#)

There is a section for 'List of Tags' with 'dung beetle' and 'scarab' tags, each with a minus sign. Below this is an input field and an 'Add' button.


At the bottom of the main content area, there is an 'Add to List' button, a 'Components' section with an input field containing 'Add the sign\_id' and a plus sign, and a 'Sign Bibliography' button.

At the very bottom of the page, the copyright notice reads: © 2018 - Thot Sign List

# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser tabs include "Home Page - Thot Sign List", "Signs - Thot Sign List", "Sign 29 - Thot Sign List", and "Sign 6 - Thot Sign List". The page header features the "Thot Sign List" logo and the "LIÈGE université" logo, along with navigation links: Home, About, Contact, Register, Hello, spolis!, and Logout.

The main content area displays the details for a specific sign:

- Sign Id : `TSL_1_6` Shape Id : `TSL_3_7099` L1.svg  Meeks category : L Creator : `jgrotenhuis` Editor : [Edit](#)

Below this, there are tabs for "Description", "Functions", "Shapes", and "Codes". The "Description" tab is active, showing a "Description Comment" field with the text "Dung beetle, scarab (scarabaeus sacer)". There is also a "Components Comment" field and an "Edit" button.

The "List of Tags" section shows "dung beetle" and "scarab" as selected tags, with an "Add" button and an "Add to List" button.

The "Components" section includes a text input field with the placeholder "Add the sign\_id" and a "Sign Bibliography" button.


At the bottom of the page, the copyright notice reads "© 2018 - Thot Sign List".



# + The Thot Sign List (TSL)

The screenshot displays a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser's tab bar shows four tabs: "Home Page - Thot Sign List", "Signs - Thot Sign List", "Sign 29 - Thot Sign List", and "Sign 6 - Thot Sign List". The website header features the "Thot Sign List" logo and the "LIÈGE université" logo. Navigation links include "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

The main content area shows the details for a specific sign entry:

- Sign Id : `TSL_1_6` Shape Id : `TSL_3_7099` L1.svg  Meeks category : L Creator : `jgrotenhuis` Editor : [Edit](#)

Below the sign details, there are tabs for "Description", "Functions", "Shapes", and "Codes". The "Description" tab is active, showing:

- Basic Form** full quadrat **Type** regular
- Description Comment** Dung beetle, scarab (scarabaeus sacer)
- Components Comment**
- [Edit](#)

A "List of Tags" section contains the tags "dung beetle" and "scarab", each with a minus sign. Below this is an input field and an "Add" button. An "Add to List" button is also present.

The "Components" section includes a text input field with the placeholder "Add the sign\_id" and a plus sign, and a "Sign Bibliography" button.


At the bottom of the page, the copyright notice reads: © 2018 - Thot Sign List



# + The Thot Sign List (TSL)

The screenshot displays a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser's tab bar shows four tabs: "Home Page - Thot Sign List", "Signs - Thot Sign List", "Sign 29 - Thot Sign List", and "Sign 6 - Thot Sign List". The website header features the "Thot Sign List" logo and the "LIÈGE université" logo. Navigation links include "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

The main content area shows the details for a specific sign entry:

- Sign Id : `TSL_1_6` Shape Id : `TSL_3_7099` L1.svg  Meeks category : L Creator : `jgrotenhuis` Editor : [Edit](#)

Below the sign details, there are tabs for "Description", "Functions", "Shapes", and "Codes". The "Description" tab is active, showing:

- Basic Form** full quadrat **Type** regular
- Description Comment** Dung beetle, scarab (scarabaeus sacer)
- Components Comment**
- [Edit](#)

A "List of Tags" section contains the tags "dung beetle" and "scarab", each with a minus sign. Below this is an input field and an "Add" button. An "Add to List" button is also present.

A "Components" section is highlighted with a rounded rectangle, containing an input field with the text "Add the sign\_id" and a plus sign, and a "Sign Bibliography" button.

At the bottom of the page, the copyright notice reads "© 2018 - Thot Sign List".



# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser tabs include "Home Page - Thot Sign List", "Signs - Thot Sign List", "Sign 29 - Thot Sign List", and "Sign 6 - Thot Sign List". The website header features the "Thot Sign List" logo and the "LIÈGE université" logo. Navigation links include "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

The main content area displays details for a specific sign:

- Sign Id : `TSL_1_29` Shape Id : `TSL_3_7002` `L24.svg`
- Meeks category : L Creator : `kgrotenhuis` Editor : [Edit](#)

Below this, there are tabs for "Description", "Functions", "Shapes", and "Codes". The "Description" tab is active, showing:

- Basic Form** full quadrat **Type** compound
- Description Comment** Scorpion over the sceptre sign
- Components Comment** S42
- [Edit](#)

A "List of Tags" section shows "scepter" and "scorpion" with minus signs, and an "Add" button.

The "Components" section contains a table:

Add sign_id	
TSL_1_5692	-

Below the table is a small image of a sign component and a "Sign Bibliography" button.

At the bottom left, the copyright notice reads "© 2018 - Thot Sign List".

# + The Thot Sign List (TSL)

The screenshot displays the Thot Sign List (TSL) website interface. The browser address bar shows `tsl.philo.ulg.ac.be`. The page title is "Thot Sign List" and the URL is `tsl.philo.ulg.ac.be`. The navigation menu includes "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

The main content area shows details for a specific sign:

- Sign Id : `TSL_1_29` Shape Id : `TSL_3_7002` `L24.svg` Meeks category : L Creator : `Jgrotenhuis` Editor : `Edit`

The sign details are organized into tabs: "Description", "Functions", "Shapes", and "Codes". The "Description" tab is active, showing:

- Basic Form** full quadr t **Type** compound
- Description Comment** Description over the sceptre sign
- Components Comment** S42
- `Edit` button

Below the description, there is a "List of Tags" section with "scepter" and "scorpion" tags, and an "Add" button.

The "Components" section shows a table with the following data:

Add sign_id	
TSL_1_5692	-

Below the components table, there is a "Sign Bibliography" button.

At the bottom of the page, the copyright notice reads: © 2018 - Thot Sign List

# + The Thot Sign List (TSL)

The screenshot displays the Thot Sign List (TSL) website interface. The browser address bar shows `tsl.philo.ulg.ac.be`. The page title is "Thot Sign List" and the URL is `tsl.philo.ulg.ac.be`. The navigation menu includes "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

The main content area shows details for a specific sign:

- Sign Id : `TSL_1_29` Shape Id : `TSL_3_7002` `L24.svg` Meeks category : L Creator : `Jgrotenhuis` Editor : [Edit](#)

The sign details are organized into tabs: "Description", "Functions", "Shapes", and "Codes". The "Description" tab is active, showing:

- Basic Form** full quadrant **Type** compound
- Description Comment** Description over the sceptre sign
- Components Comment** S42
- [Edit](#)

Below the description is a "List of Tags" section with the tags "scepter" and "scorpion". There is an "Add" button and an "Add to List" button.

The "Components" section shows a table with the following data:

Add sign_id	
TSL_1_5692	-

Below the components table is a "Sign Bibliography" button.

At the bottom of the page, the copyright notice reads: © 2018 - Thot Sign List

# + The Thot Sign List (TSL)

The screenshot displays the Thot Sign List (TSL) website interface. The browser address bar shows `tsl.philo.ulg.ac.be`. The page title is "Thot Sign List" and the URL is `tsl.philo.ulg.ac.be`. The navigation menu includes "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

The main content area shows details for a specific sign:

- Sign Id : `TSL_1_29` Shape Id : `TSL_3_7002` `L24.svg` Meeks category : L Creator : `Jgrotenhuis` Editor : [Edit](#)

The sign details are organized into tabs: "Description", "Functions", "Shapes", and "Codes". The "Description" tab is active, showing:

- Basic Form** full quadr t **Type** compound
- Description Comment** Description over the sceptre sign
- Components Comment** S42
- [Edit](#)

Below the description, there is a "List of Tags" section with the tags "scepter" and "scorpion". An "Add" button is present next to a text input field.

The "Components" section shows a table with the following data:

Add sign_id	
TSL_1_5692	-

Below the components table, there is a "Sign Bibliography" button.

At the bottom of the page, the copyright notice reads: © 2018 - Thot Sign List



# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser's tab bar contains several tabs, with the active one being "912 - Thot Sign List". The page header features the "Thot Sign List" logo and the "LIÈGE université" logo, along with navigation links: Home, About, Contact, Register, Hello, spolis!, and Logout.

The main content area displays the details for a specific sign. At the top, there is a metadata bar with the following information: Sign Id: `TSL_1_912`, Shape Id: `TSL_3_8460`, A9.svg, Meeks category: A, Creator: **Hafemann**, Editor: **jpgrotenhuis**, and an **Edit** button.

Below this bar are four tabs: **Description**, Functions, Shapes, and Codes. The **Description** tab is active and contains the following text:

**Basic Form** full quadrat **Type** composite  
**Description Comment** Man, seated, holding a vessel upon his head, left arm stretched beside his body. Phonetic value f for =f (Suffix sg2m); see A 119 with the same phonetic value.  
**Components Comment**  
**Edit**

Below the description is a "List of Tags" section with the tags "carrying something" and "seated", each with a minus sign. There is an input field and an "Add" button.

Below the tags is an "Add to List" button.

Below that is a "Components" section with a table:

Add sign_id	
TSL_1_6481	-

Below the table is a "Sign Bibliography" button.


At the bottom of the page, there is a copyright notice: © 2018 - Thot Sign List.



# + The Thot Sign List (TSL)

tsl.philo.ulg.ac.be

Home Page - Thot Sign List    Signs - Thot Sign List    Sign 29 - Thot Sign List    Sign 6 - Thot Sign List

Thot Sign List  Home About Contact Register Hello, spoils! Logout

Sign Id : TSL\_1\_6 Shape Id : TSL\_3\_7099 L1.svg Meeks category : L Creator : jgrotenhuis Editor : [Edit](#)

Description **Functions** Shapes Codes

[New](#)


Function ID	Function Type	Phonetic Value	Semantic Value	Semantic Use									
235	classifier		beetle	regular	Comment <a href="#">Lemma</a> Sources <table border="1"> <thead> <tr> <th>Source ID</th> <th>mdc</th> <th>Date Start</th> <th></th> </tr> </thead> <tbody> <tr> <td>2</td> <td></td> <td>Pepi I Merire</td> <td>-</td> </tr> </tbody> </table> Bibliography <a href="#">New</a>	Source ID	mdc	Date Start		2		Pepi I Merire	-
Source ID	mdc	Date Start											
2		Pepi I Merire	-										
38	logogram	<sup>c</sup> bb	scarab	Ptolemaic	Comment <a href="#">Lemma</a> Sources <table border="1"> <thead> <tr> <th>Source ID</th> <th>mdc</th> <th>Date Start</th> <th></th> </tr> </thead> <tbody> <tr> <td>44</td> <td>I10&amp;&amp;(S43*S3)-G5&amp;Z1-F18:D46:X1*O49-A239A-V30:Q3*X1:N1-L1-N37A:Q3:O34-L12A</td> <td>Ptolemy XI Alexander II</td> <td>-</td> </tr> </tbody> </table> Bibliography <a href="#">New</a>	Source ID	mdc	Date Start		44	I10&&(S43*S3)-G5&Z1-F18:D46:X1*O49-A239A-V30:Q3*X1:N1-L1-N37A:Q3:O34-L12A	Ptolemy XI Alexander II	-
Source ID	mdc	Date Start											
44	I10&&(S43*S3)-G5&Z1-F18:D46:X1*O49-A239A-V30:Q3*X1:N1-L1-N37A:Q3:O34-L12A	Ptolemy XI Alexander II	-										
					Comment <a href="#">Lemma</a> Sources <table border="1"> <thead> <tr> <th>Source ID</th> <th>mdc</th> <th>Date Start</th> <th></th> </tr> </thead> <tbody> <tr> <td>33</td> <td></td> <td>Cleopatra VII Philopator</td> <td>-</td> </tr> </tbody> </table>	Source ID	mdc	Date Start		33		Cleopatra VII Philopator	-
Source ID	mdc	Date Start											
33		Cleopatra VII Philopator	-										




# + The Thot Sign List (TSL)

tsl.philo.ulg.ac.be

Home Page - Thot Sign List    Signs - Thot Sign List    Sign 29 - Thot Sign List    Sign 6 - Thot Sign List

Thot Sign List  Home About Contact Register Hello, spoils! Logout

Sign Id : TSL\_1\_6 Shape Id : TSL\_3\_7099 L1.svg  Meeks category : L Creator : jgrotenhuis Editor : [Edit](#)


Description **Functions** Shapes Codes

[New](#)

Function ID	Function Type	Phonetic Value	Semantic Value	Semantic Use
235	classifier		beetle	regular
38	logogram	bb	scarab	Ptolemaic

Comment  
[Lemma](#)

Sources

Source ID	mdc	Date Start	
2		Pepi I Merire	-

Bibliography  
[New](#)

Comment  
[Lemma](#)


Sources

Source ID	mdc	Date Start	
44	I10&&(S43*S3)-G5&Z1-F18:D46:X1*O49-A239A-V30:Q3*X1:N1-L1-N37A:Q3:O34-L12A	Ptolemy XI Alexander II	-

Bibliography  
[New](#)

Comment  
[Lemma](#)

Sources


Source ID	mdc	Date Start	
33		Cleopatra VII Philopator	-



# + The Thot Sign List (TSL)

tsl.philo.ulg.ac.be

Home Page - Thot Sign List    Signs - Thot Sign List    Sign 29 - Thot Sign List    Sign 6 - Thot Sign List

Thot Sign List  Home About Contact Register Hello, spoils! Logout

Sign Id : TSL\_1\_6 Shape Id : TSL\_3\_7099 L1.svg Meeks category : L Creator : jgrotenhuis Editor : [Edit](#)


Description **Functions** Shapes Codes

[New](#)

Function ID	Function Type	Phonetic Value	Semantic Value	Semantic Use
235	classifier		beetle	regular
38	logogram	<sup>c</sup> bb	scarab	Ptolemaic

Comment  
[Lemma](#)

Sources

Source ID	mdc	Date Start
2		Pepi I Merire

Bibliography  
[New](#)

Comment  
[Lemma](#)


Sources

Source ID	mdc	Date Start
44	I10&&(S43*S3)-G5&Z1-F18:D46:X1*O49-A239A-V30:Q3*X1:N1-L1-N37A:Q3:O34-L12A	Ptolemy XI Alexander II

Bibliography  
[New](#)

Comment  
[Lemma](#)

Sources


Source ID	mdc	Date Start
33		Cleopatra VII Philopator




# + The Thot Sign List (TSL)

tsl.philo.ulg.ac.be



Home Page - Thot Sign List    Signs - Thot Sign List    Sign 29 - Thot Sign List    Sign 6 - Thot Sign List

Thot Sign List  Home About Contact Register Hello, spoils! Logout

Sign Id : TSL\_1\_6 Shape Id : TSL\_3\_7099 L1.svg  Meeks category : L Creator : jgrotenhuis Editor : [Edit](#)

Description **Functions** Shapes Codes


[New](#)

Function ID	Function Type	Phonetic Value	Semantic Value	Semantic Use
 235	classifier		beetle	regular
 38	logogram	<sup>c</sup> bb	scarab	Ptolemaic

Comment

[Lemma](#)

Sources

Source ID	mdc	Date Start	
2		Pepi I Merire	-

Bibliography

[New](#)

Comment

[Lemma](#)

Sources

Source ID	mdc	Date Start	
44	I10&&(S43*S3)-G5&Z1-F18:D46:X1*O49-A239A-V30:Q3*X1:N1-L1-N37A:Q3:O34-L12A	Ptolemy XI Alexander II	-


Bibliography

[New](#)

Comment

[Lemma](#)

Sources

Source ID	mdc	Date Start	
33		Cleopatra VII Philopator	-





# + The Thot Sign List (TSL)

The screenshot shows a web browser window at [tsl.philo.ulg.ac.be](http://tsl.philo.ulg.ac.be). The page title is "Thot Sign List" and it features the logo of LIÈGE université. The navigation bar includes links for Home, About, Contact, Register, Hello, spolis!, and Logout. The main content area displays a list of signs, with the first sign selected. The selected sign's details are shown in a modal window.

Sign ID : **TSL\_1\_6** Shape Id : **TSL\_3\_7099** L1.svg Meeks category : L Creator : **kgrotenhuis** Editor : [Edit](#)

Sign ID : **6** Shape Id : **6892**

Close Delete

Sign ID : **6** Shape Id : **6891**

Sign ID : **6** Shape Id : **6890**

Sign ID : **6** Shape Id : **6889**

Sign ID : **6** Shape Id : **6888**

Sign ID : **6** Shape Id : **6887**

Detail Class

Shape Id **6891** Edit Delete

shape\_img\_path : L1-SHEsnaVII-180.JPG  
bibliographic reference : 77  
position reference : 180  
biblio comment :  
code type : Manuel de Codage  
code value : L1  
Creator : jgrotenhuis Editor : jgrotenhuis

shape_id	Source ID	mdc	
6891	21		-

© 2018 - Thot Sign List



# + The Thot Sign List (TSL)

Sign Id : **TSL\_1\_6** Shape Id : **TSL\_3\_7099** L1.svg Meeks category : L Creator : **kgrotenhuis** Editor : [Edit](#)

Description Functions Shapes Codes

Sign ID : 6 Shape Id : 6892

Close Delete

Sign ID : 6 Shape Id : **6891**

Sign ID : 6 Shape Id : 6890

Sign ID : 6 Shape Id : 6889

Sign ID : 6 Shape Id : 6888

Sign ID : 6 Shape Id : 6887

Detail Class

Shape Id **6891** Edit Delete

shape\_img\_path : L1-SHEsnaVII-180.JPG  
bibliographic reference : 77  
position reference : 180  
biblio comment :  
code type : Manuel de Codage  
code value : L1  
Creator : jgrotenhuis Editor : jgrotenhuis

shape_id	Source ID	mdc	
6891	21		-

© 2018 - Thot Sign List





# + The Thot Sign List (TSL)

Sign ID : **TSL\_1\_6** Shape Id : **TSL\_3\_7099** L1.svg Meeks category : L Creator : **kgrotenhuis** Editor : [Edit](#)

Sign ID : **6** Shape Id : **6892**

Close Delete

Sign ID : **6** Shape Id : **6891**

Sign ID : **6** Shape Id : **6890**

Sign ID : **6** Shape Id : **6889**

Sign ID : **6** Shape Id : **6888**

Sign ID : **6** Shape Id : **6887**

**Shape Id 6891** Edit Delete

shape\_img\_path : L1-SHEsnaVII-180.JPG  
bibliographic reference : 77  
position reference : 180  
biblio comment :  
code type : Manuel de Codage  
code value : L1  
Creator : jgrotenhuis Editor : jgrotenhuis

shape_id	Source ID	mdc	
6891	21		

© 2018 - Thot Sign List

# + The Thot Sign List (TSL)

Sign Id : **TSL\_1\_6** Shape Id : **TSL\_3\_7099** L1.svg Meeks category : L Creator : **kgrotenhuis** Editor : [Edit](#)

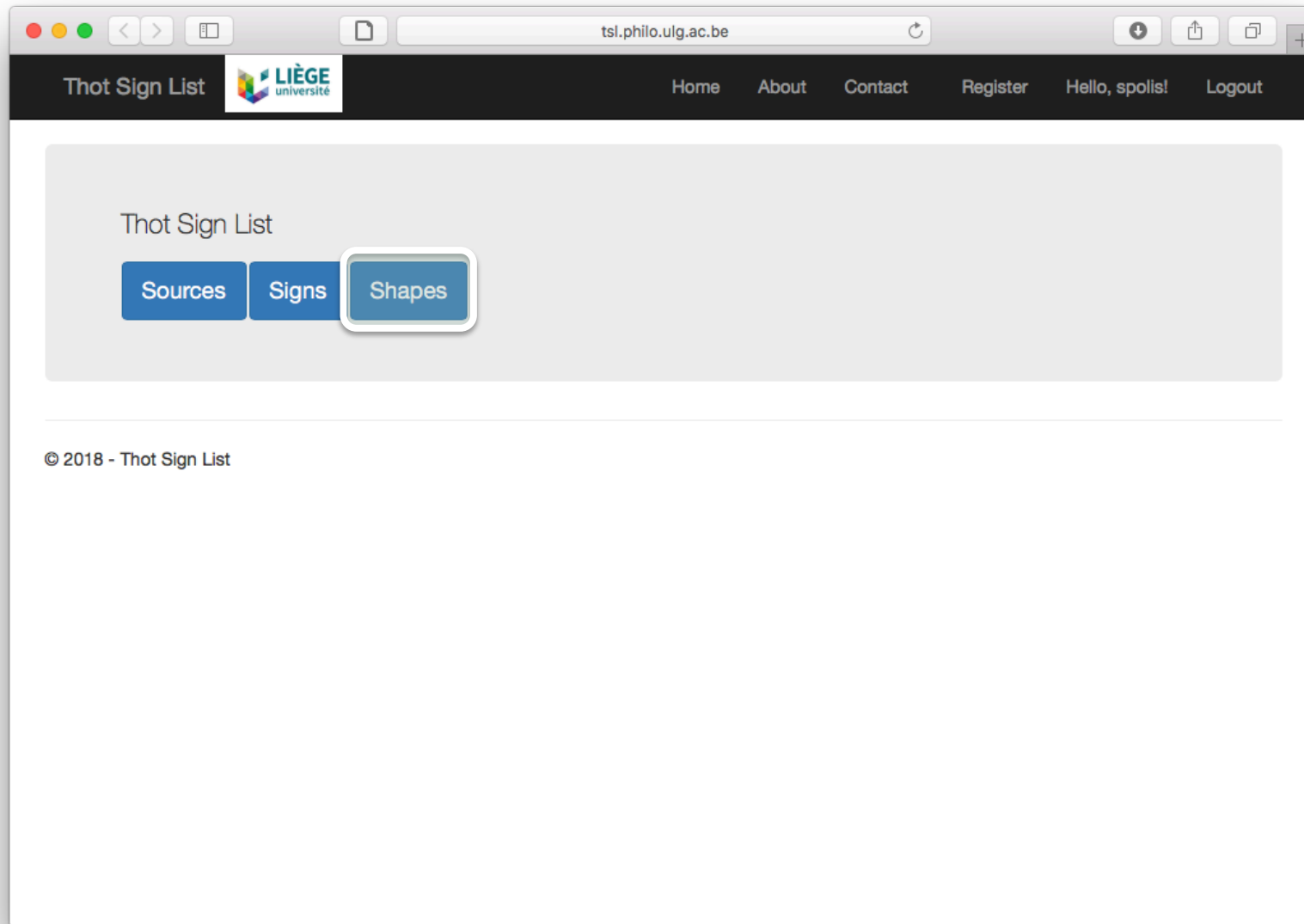
Description Functions Shapes **Codes**

New

Type	Code
- Gardiner	L1
- IFAO	229,1
- IFAO	229,2
- IFAO	229,3
- IFAO	229,4
- MdC	L1
- Unicode	U131A3

© 2018 - Thot Sign List

# + The Thot Sign List (TSL)



# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The page title is "Thot Sign List" and the logo for "LIÈGE université" is visible. The navigation menu includes "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

## Shapes

Gardiner Category: (none)

[New](#) [Close](#)

Shape Id : **14408**  
Creator : **jpgrotenhuis**

Shape Id : 14407

Shape Id : 14406

Shape Id : 14405

Shape Id : 14404

Shape Id : 14403

Shape Id : 14402

[Detail](#) [Description](#) [Class](#)

Shape Id **14408** [Edit](#) [Delete](#)

shape\_img\_path : L2-OIP8-MenHab1-16-17-realing.JPG  
bibliographic reference : 0  
position reference :  
biblio comment : Image © Kata Jasper  
code type : No Code  
code value :  
Creator : jpgrotenhuis Editor : jpgrotenhuis

shape_id	Source	ID	mdc	
14408	64			

© 2018 - Thot Sign List



# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser tabs include "Home Page - Thot Sign...", "Signs - Thot Sign List", "Sign 29 - Thot Sign List", "Sign 6 - Thot Sign List", "Signs - Thot Sign List", and "TSL - Shapes - Thot Si...". The website header features the "Thot Sign List" logo, the "LIÈGE université" logo, and navigation links: "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

## Shapes

Gardiner Category: (none)

**New** Close

- Shape Id : **14408**  
Creator : **jpgrotenhuis**
- Shape Id : 14407
- Shape Id : 14406
- Shape Id : 14405
- Shape Id : 14404
- Shape Id : 14403
- Shape Id : 14402

**Detail** | Description | Class

Shape Id **14408** [Edit](#) [Delete](#)

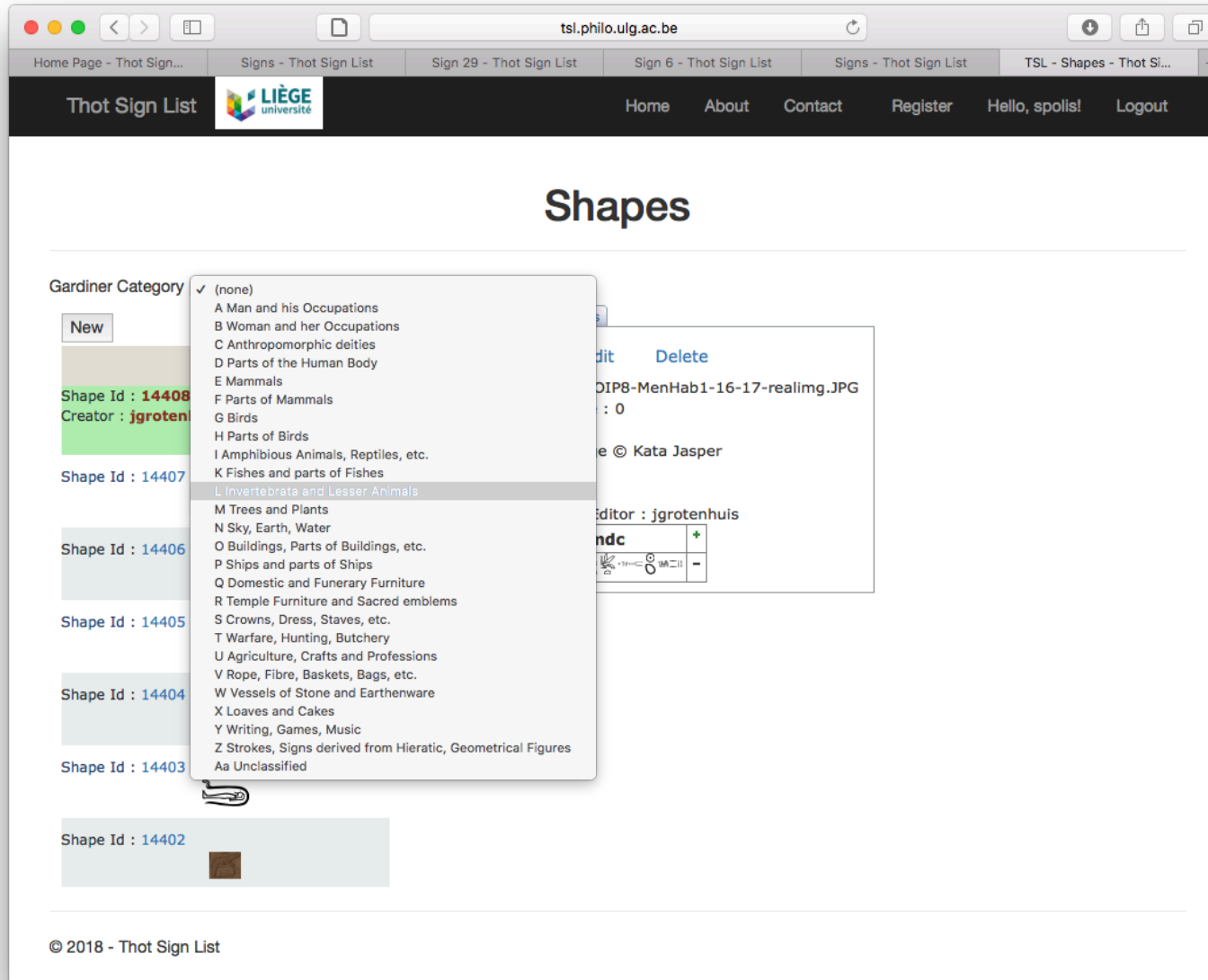
shape\_img\_path : L2-OIP8-MenHab1-16-17-realing.JPG  
bibliographic reference : 0  
position reference :  
biblio comment : Image © Kata Jasper  
code type : No Code  
code value :  
Creator : jpgrotenhuis Editor : jpgrotenhuis

shape_id	Source	ID	mdc	
14408	64			

© 2018 - Thot Sign List



# + The Thot Sign List (TSL)



The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The browser tabs include "Home Page - Thot Sign...", "Signs - Thot Sign List", "Sign 29 - Thot Sign List", "Sign 6 - Thot Sign List", "Signs - Thot Sign List", and "TSL - Shapes - Thot Si...". The website header features the "Thot Sign List" logo, the "LIÈGE université" logo, and navigation links: "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

## Shapes

**Gardiner Category**

Shape Id : 14408  
Creator : jgroten

Shape Id : 14407

Shape Id : 14406

Shape Id : 14405

Shape Id : 14404

Shape Id : 14403

Shape Id : 14402

© 2018 - Thot Sign List

The dropdown menu for "Gardiner Category" is open, showing a list of categories from "(none)" to "Aa Unclassified". The category "L Invertebrata and Lesser Animals" is currently selected. A small window with "Edit" and "Delete" buttons is also visible over the page content.



# + The Thot Sign List (TSL)

The screenshot shows a web browser window with the URL `tsl.philo.ulg.ac.be`. The page title is "Thot Sign List" and the logo for "LIÈGE université" is visible. The navigation menu includes "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

## Shapes

Gardiner Category:

[New](#) [Close](#)

Shape Id : **7613**  
Creator : **jpgrotenhuis**

Shape Id : 7612

Shape Id : 7611

Shape Id : 7606

Shape Id : 7605

Shape Id : 7602

Shape Id : 7600

[Detail](#) [Description](#) [Class](#)

Shape Id **7613** [Edit](#) [Delete](#)

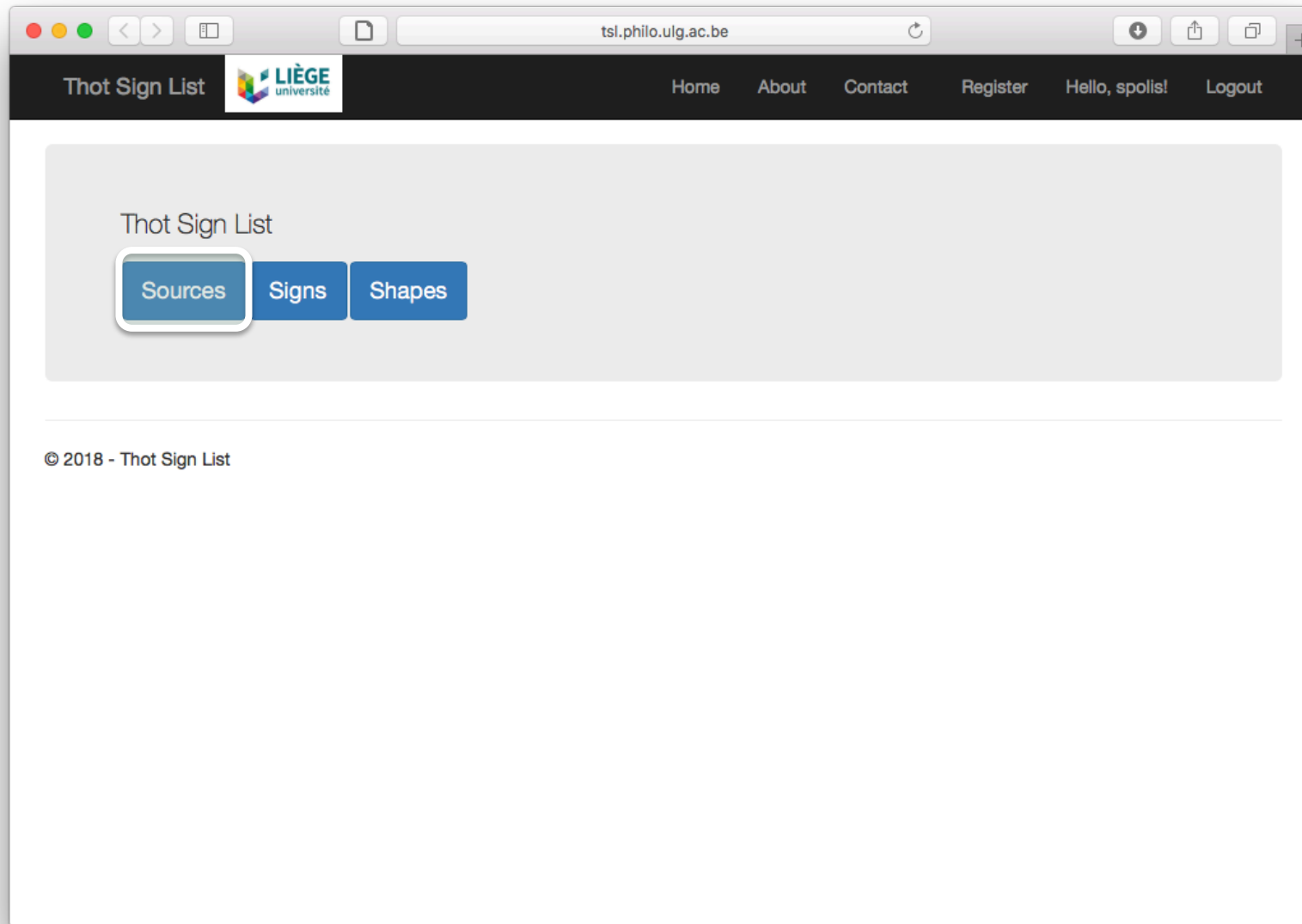
shape\_img\_path : I13-mdc-3.JPG  
bibliographic reference : 169  
position reference : page 132  
biblio comment :  
code type : Manuel de Codage  
code value : I13  
Creator : jpgrotenhuis Editor : jpgrotenhuis

Source ID

© 2018 - Thot Sign List



# + The Thot Sign List (TSL)







# + The Thot Sign List (TSL)



tsl.philo.ulg.ac.be

Home Page - Thot Sign List    Signs - Thot Sign List    TSL - Sources - Thot Sign List    Source 354 - Thot Sign List

Thot Sign List  Home About Contact Register Hello, spoils! Logout

TSL - Sources Management [New Source](#) 

Id	Images	Date Start	Inventory	Object type	Location	Material
363	->	Rameses II Usermaatre-Setepenre	Stele N. 50012 / cat. 1636	Stela		Limestone
362	->	12th Dynasty	P. Berlin 3022	Papyrus		Papyrus
361	->	Middle Kingdom	P. Berlin 3032	Papyrus		Papyrus
360	->	Senwosret I_Sesostris I Kheperkare	JdE 71901	Stela	Route to amethyst mines	Limestone
359	->	Senwosret I_Sesostris I Kheperkare	JdE 71901	Stela	Route to amethyst mines	Limestone
358	->	Amenemhat II Nebukaure	GL. W.A.F. 35	Stela	Abydos	Limestone
357	->	Senwosret I_Sesostris I Kheperkare	Louvre C 3	Stela	Abydos	Limestone
356	->	11th Dynasty (after reunification)	E.9.1922	Stela	Protodynastic Cemetery	Limestone
355	->	Tuthmosis III (complete reign)		Relief		Unspecified rock
354	->	Senwosret III_Sesostris III Khakaure	Ident.Nr. ÄM 1157	Stela	Fort with Temples	Quartzite
353	->	Ptolemy IV Philopator		Relief	Edfu	Sandstone
352	->	Hatshepsut Maatkare		Relief		stone
351	->	Mentuhotep II Nebhepetre	S. 15744 /01 RCGE 47091	Coffin/Sarcophagus/Cartonnage	Necropolis	Unspecified wood
350	->	Pepi I Merire		Relief		Limestone
349	->	Pepi I Merire		Relief		Limestone
348	->	Pepi I Merire		Relief		Limestone
347	->	Pepi I Merire		Relief		Limestone
346	->	Teti		Relief		Limestone
345	->	Nyuserre Ini		Stela	Rock-stelae and texts (in chronological order)	Unspecified rock

© 2018 - Thot Sign List

# + The Thot Sign List (TSL)



tsl.philo.ulg.ac.be

Home Page - Thot Sign List    Signs - Thot Sign List    TSL - Sources - Thot Sign List    Source 354 - Thot Sign List

Thot Sign List Home About Contact Register Hello, spoils! Logout

TSL - Sources Management [New Source](#)


Id	Images	Date Start	Inventory	Object type	Location	Material
363	->	Rameses II Usermaatre-Setepenre	Stele N. 50012 / cat. 1636	Stela		Limestone
362	->	12th Dynasty	P. Berlin 3022	Papyrus		Papyrus
361	->	Middle Kingdom	P. Berlin 3032	Papyrus		Papyrus
360	->	Senwosret I_Sesostris I Kheperkare	JdE 71901	Stela	Route to amethyst mines	Limestone
359	->	Senwosret I_Sesostris I Kheperkare	JdE 71901	Stela	Route to amethyst mines	Limestone
358	->	Amenemhat II Nebukaure	GL. W.A.F. 35	Stela	Abydos	Limestone
357	->	Senwosret I_Sesostris I Kheperkare	Louvre C 3	Stela	Abydos	Limestone
356	->	11th Dynasty (after reunification)	E.9.1922	Stela	Protodynastic Cemetery	Limestone
355	->	Senwosret III (complete sign)		Stela		Unspecified rock
354	->	Senwosret III_Sesostris III Khakaure	Ident.Nr. ÄM 1157	Stela	Fort with Temples	Quartzite
353	->	Tutemose IV Amenhotep		Relief	Edu	Sandstone
352	->	Hatshepsut Maatkare		Relief		stone
351	->	Mentuhotep II Nebhepetre	S. 15744 /01 RCGE 47091	Coffin/Sarcophagus/Cartonnage	Necropolis	Unspecified wood
350	->	Pepi I Merire		Relief		Limestone
349	->	Pepi I Merire		Relief		Limestone
348	->	Pepi I Merire		Relief		Limestone
347	->	Pepi I Merire		Relief		Limestone
346	->	Teti		Relief		Limestone
345	->	Nyuserre Ini		Stela	Rock-stelae and texts (in chronological order)	Unspecified rock

© 2018 - Thot Sign List

# + The Thot Sign List (TSL)


tsl.philo.ulg.ac.be

Home Page - Thot Sign List   Signs - Thot Sign List   TSL - Sources - Thot Sign List   Source 354 - Thot Sign List   Source 354 - Thot Sign List

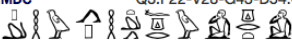
Thot Sign List  Home About Contact Register Hello, spoils! Logout

**Id\_source 354**

[-> Images](#)



[Edit](#)

**MDC**  Q3:F22-V28-G43-D54:Q3-V28-X1:F22:D54-I9:W11:D21-G43-A2-W11:D21:X1-A2

**Transliteration** *ph.w ph.t(w)=f gr.w gr.t(w)*

**Translation** who attacks when he is attacked; who is silent when one is silent

**Source Comment**

**Date-start** thot-228 -> [Senwosret III\\_Sesostris III Khakaure](#)

**Date-end** thot-228 -> [Senwosret III\\_Sesostris III Khakaure](#)

**Year of** 0

**Modern-places** topbib-701-060-060-010 -> [Fort with Temples](#)

**Specific Place** Location inscription: line 8

**Current Location** thot-4371 ->

**Scripts** thot-83 -> [Hieroglyphs](#)

**Material** thot-6220 -> [quartzite](#)

**Technique of inscription** thot-19254 -> [sunk relief](#)

**Colour** no

**Text Content** thot-18774 -> [Instruction](#)

**Metadata comment**

**Languages** thot-11 -> [Middle Egyptian](#)

**Object Type** thot-2619 -> [Stela](#)

**Inventory** Ident.Nr. AM 1157

**Encoding**

Created by [jgrotenhuis](#) Edited by [jgrotenhuis](#)

**Bibliography**

[New](#)

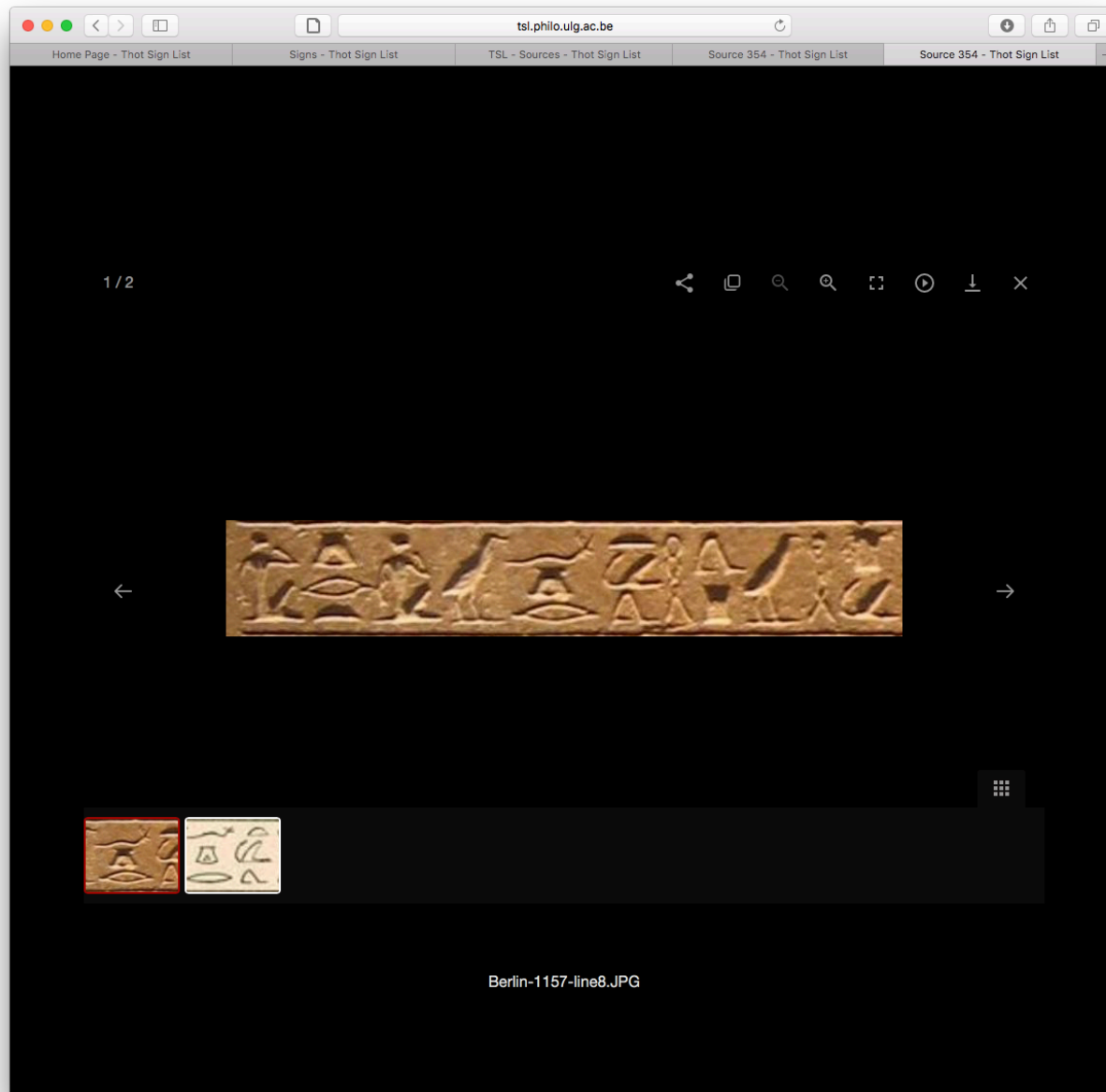
source_id	reference_id	reference_meta	ref_position	ref_picture	ref_facsimile	ref_transcription	ref_transliteration	ref_translation	ref_comment
354	185	185,Lepsius, Richard,1904,Denkmäler aus Ägypten und Äthiopien vol. 2,143581	plate 136 h	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Delete</a>
354	184	184,Eyre, Christopher J.,1990,The Semna stelae: quotation, genre, and functions of literature.,33644	page 135	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Delete</a>

© 2018 - Thot Sign List

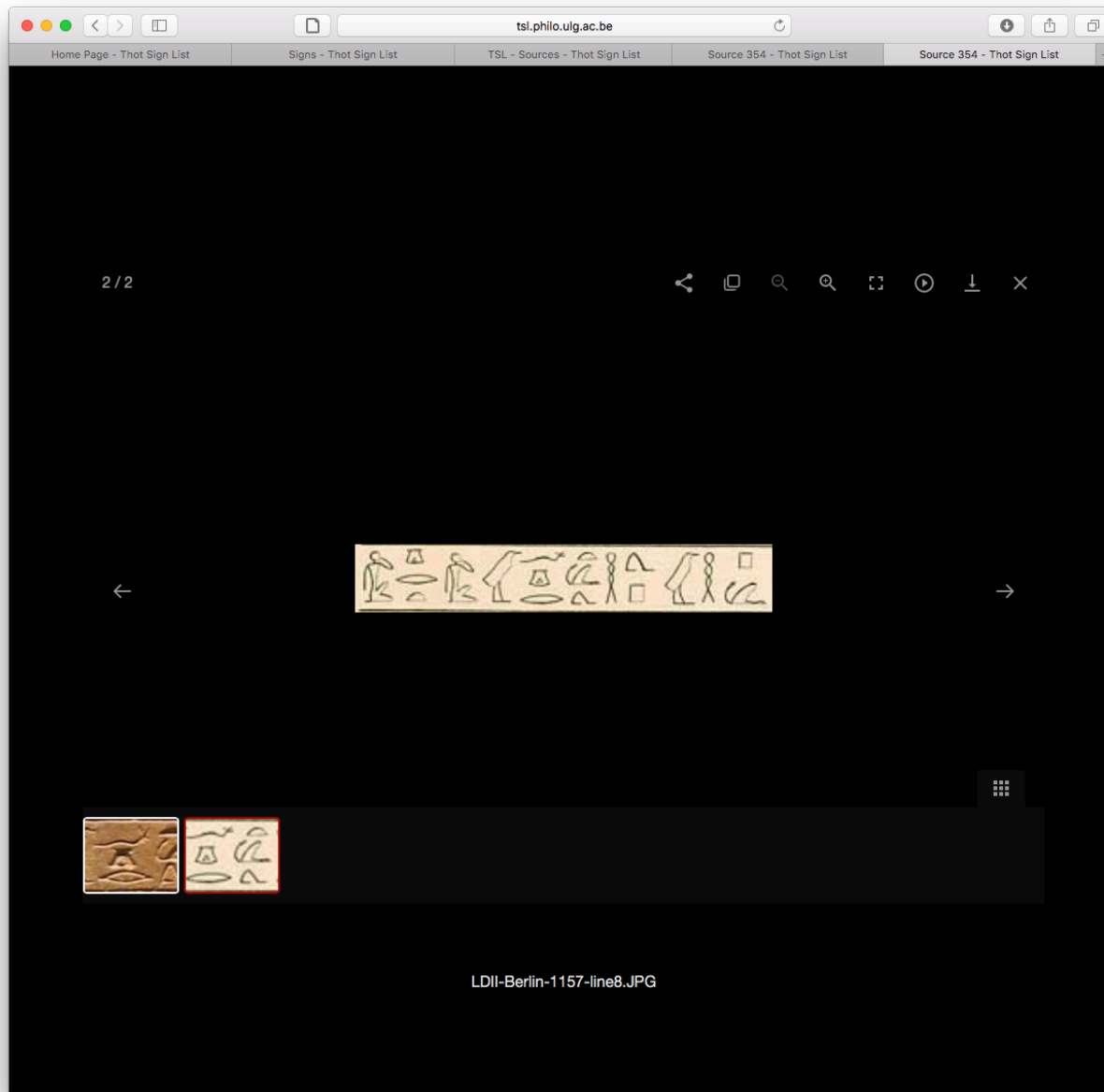




# + The Thot Sign List (TSL)




# + The Thot Sign List (TSL)



# + The Thot Sign List (TSL)


tsl.philo.ulg.ac.be

Home Page - Thot Sign List   Signs - Thot Sign List   TSL - Sources - Thot Sign List   Source 354 - Thot Sign List   Source 354 - Thot Sign List


Thot Sign List  Home About Contact Register Hello, spoils! Logout

**Id\_source 354**

[-> Images](#)



[Edit](#)

**MDC**  Q3:F22-V28-G43-D54:Q3-V28-X1:F22:D54-I9:W11:D21-G43-A2-W11:D21:X1-A2

**Transliteration** *ph.w ph.t(w)=f gr.w gr.t(w)*

**Translation** who attacks when he is attacked; who is silent when one is silent

**Source Comment**

**Date-start** thot-228 -> [Senwosret III\\_Sesostris III Khakaure](#)

**Date-end** thot-228 -> [Senwosret III\\_Sesostris III Khakaure](#)

**Year of** 0

**Modern-places** topbib-701-060-060-010 -> [Fort with Temples](#)

**Specific Place** Location inscription: line 8

**Current Location** thot-4371 ->

**Scripts** thot-83 -> [Hieroglyphs](#)

**Material** thot-6220 -> [quartzite](#)

**Technique of inscription** thot-19254 -> [sunk relief](#)

**Colour** no

**Text Content** thot-18774 -> [Instruction](#)

**Metadata comment**

**Languages** thot-11 -> [Middle Egyptian](#)

**Object Type** thot-2619 -> [Stela](#)

**Inventory** Ident.Nr. AM 1157

**Encoding**

Created by [jgrotenhuis](#) Edited by [jgrotenhuis](#)

**Bibliography**

[New](#)

source_id	reference_id	reference_meta	ref_position	ref_picture	ref_facsimile	ref_transcription	ref_transliteration	ref_translation	ref_comment
354	185	185,Lepsius, Richard,1904,Denkmäler aus Ägypten und Äthiopien vol. 2,143581	plate 136 h	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Delete</a>
354	184	184,Eyre, Christopher J.,1990,The Semna stelae: quotation, genre, and functions of literature.,33644	page 135	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<a href="#">Edit</a> <a href="#">Delete</a>

© 2018 - Thot Sign List









# + The Thot Sign List (TSL)

tsl.philo.ulg.ac.be


Home Page - Thot Sign List   Signs - Thot Sign List   TSL - Sources - Thot Sign List   Source 354 - Thot Sign List   Source 354 - Thot Sign List

Thot Sign List  Home About Contact Register Hello, spoils! Logout

**Id\_source 354**  
-> Images



Edit

**MDC**  Q3:F22-V28-G43-D54:Q3-V28-X1:F22:D54-I9:W11:D21-G43-A2-W11:D21:X1-A2

**Transliteration** *ph.w ph.t(w)=f gr.w gr.t(w)*  
**Translation** who attacks when he is attacked; who is silent when one is silent  
**Source Comment**

**Date-start** thot-228 -> [Senwosret III\\_Sesostris III Khakaure](#)  
**Date-end** thot-228 -> [Senwosret III\\_Sesostris III Khakaure](#)  
**Year of** 0  
**Modern-places** topbib-701-060-060-010 -> [Fort with Temples](#)  
**Specific Place** Location inscription: line 8  
**Current Location** thot-4371 ->  
**Scripts** thot-83 -> [Hieroglyphs](#)  
**Material** thot-6220 -> [quartzite](#)  
**Technique of inscription** thot-19254 -> [sunk relief](#)  
**Colour** no  
**Text Content** thot-18774 -> [Instruction](#)  
**Metadata comment**  
**Languages** thot-11 -> [Middle Egyptian](#)  
**Object Type** thot-2619 -> [Stela](#)  
**Inventory** Ident.Nr. AM 1157

**Encodina**  
 created by [jgrotenhuis](#) Edited by [jgrotenhuis](#)

**Bibliography**  
 New

source_id	reference_id	reference_meta	ref_position	ref_picture	ref_facsimile	ref_transcription	ref_transliteration	ref_translation	ref_comment
354	185	185,Lepsius, Richard,1904,Denkmäler aus Ägypten und Äthiopien vol. 2,143581	plate 136 h	<input type="checkbox"/>	<input checked="" type="checkbox"/>				Edit Delete
354	184	184,Eyre, Christopher J.,1990,The Semna stelae: quotation, genre, and functions of literature.,33644	page 135	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	Edit Delete

© 2018 - Thot Sign List



# + The Thot Sign List (TSL)

The screenshot shows the Thot Sign List (TSL) web application interface. The browser address bar displays `tsl.philo.ulg.ac.be`. The page header includes the Liège University logo and navigation links: Home, About, Contact, Register, Hello, spolis!, and Logout.

The main content area displays details for a specific source, identified by `id_source 354`. The **MDC** (Machine-Readable Description Code) is `Q3:F22-V28-G43-D54:Q3-V28-X1:F22:D54-I9:W11:D21-G43-A2-W11:D21:X1-A2`. Below this, there are icons representing various aspects of the sign, such as its location, material, and technique.

The **Transliteration** is `ph.w ph.t(w)=f gr.w gr.t(w)`, and the **Translation** is "who attacks when he is attacked; who is silent when one is silent". A **Source Comment** field is present but empty.

Metadata fields include:

- date\_start:** thot-228
- date\_end:** thot-228
- year of:** 0
- Location:** topbib-701-060-060-010
- Location compl:** Location inscription: line 8
- Current Location:** thot-4371
- Scripts:** thot-83
- Material:** thot-6220
- Technique of inscription:** thot-19254
- Colour:** no
- Text-Content:** thot-18774
- Languages:** thot-11
- Object-Type:** thot-2619

A **THOT - THESAURI & ONTOLOGY** section is visible, showing a hierarchical tree structure of locations:

- Modern places
  - < By alphabetical order >
  - < By geographical order >
    - Lower-Egypt
    - Upper-Egypt
    - Memphis Area
    - Theban Area
    - el-Fayum
    - Western Desert
    - Eastern Desert
    - Nubia
      - First Cataract to el-Dakka
      - El-Dakka - West Bank
      - El-Dakka to Abu Simbel
      - Abu Simbel
      - Between Abu Simbel and Second Cataract

An **Inventory** section shows the `Ident.Nr. AM 1157` and a **Metadata Comment** field. At the bottom, there are links for `Update` and `Cancel`, and a copyright notice: © 2018 - Thot Sign List.



# + The Thot Sign List (TSL)

The screenshot shows the Thot Sign List (TSL) web application interface. The browser address bar displays `tsl.philo.ulg.ac.be`. The page title is "Thot Sign List" and the logo of LIÈGE université is visible. The navigation menu includes "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

The main content area displays the details for a specific sign, identified by the ID `source 354`. The MDC (Machine-Readable Description Code) is `Q3:F22-V28-G43-D54:Q3-V28-X1:F22:D54-I9:W11:D21-G43-A2-W11:D21:X1-A2`. The transliteration is `ph.w ph.t(w)=f gr.w gr.t(w)`, and the translation is "who attacks when he is attacked; who is silent when one is silent".

The "Source Comment" field is empty. The "date\_start" and "date\_end" fields are both set to "thot-228". The "year on" field is empty. The "Location" field is set to "topbib-701-060-060-010". The "Location inscription: line 8" field is empty.

The "Current Location" field is set to "thot-4371". The "Scripts" field is set to "thot-83". The "Material" field is set to "thot-6220". The "Technique of inscription" field is set to "thot-19254". The "Colour" field is set to "no". The "Text-Content" field is set to "thot-18774". The "Languages" field is set to "thot-11". The "Object-Type" field is set to "thot-2619".

The "Inventory" field is set to "Ident.Nr. AM 1157". The "Metadata Comment" field is empty.

The "THOT - THESAURI & ONTOLOGY" section displays a hierarchical tree structure of locations:

- Modern places
  - < By alphabetical order >
  - < By geographical order >
    - Lower-Egypt
    - Upper-Egypt
    - Memphis Area
    - Theban Area
    - el-Fayum
    - Western Desert
    - Eastern Desert
    - Nubia
      - First Cataract to el-Dakka
      - El-Dakka - West Bank
      - El-Dakka to Abu Simbel
      - Abu Simbel
      - Between Abu Simbel and Second Cataract

The footer of the page displays "© 2018 - Thot Sign List".



# + The Thot Sign List (TSL)

The screenshot displays the Thot Sign List (TSL) web application interface. The browser address bar shows `tsl.philo.ulg.ac.be`. The page title is "Thot Sign List" and the logo of LIÈGE université is visible. The navigation menu includes "Home", "About", "Contact", "Register", "Hello, spolis!", and "Logout".

The main content area shows the details for source 354:

- id\_source**: 354
- MDC**: Q3:F22-V28-G43-D54:Q3-V28-X1:F22:D54-I9:W11:D21-G43-A2-W11:D21:X1-A2
- Transliteration**: *pḥ.w pḥ.t(w)=f gr.w gr.t(w)*
- Translation**: who attacks when he is attacked; who is silent when one is silent
- Source Comment**: (empty text area)

Form fields for metadata:

- date\_start**: thot-228
- date\_end**: thot-228
- year of**: 0
- Location**: topbib-701-060-060-010
- Location compl**: Location inscription: line 8
- Current Location**: thot-4371
- Scripts**: thot-83
- Material**: thot-6220
- Technique of inscription**: thot-19254
- Colour**: no
- Text-Content**: thot-18774
- Languages**: thot-11
- Object-Type**: thot-2619

**THOT - THESAURI & ONTOLOGY**

- Modern places
  - < By alphabetical order >
  - < By geographical order >
    - Lower-Egypt
    - Upper-Egypt
    - Memphis Area
    - Theban Area
    - el-Fayum
    - Western Desert
    - Eastern Desert
    - Nubia
      - First Cataract to el-Dakka
      - El-Dakka - West Bank
      - El-Dakka to Abu Simbel
      - Abu Simbel
      - Between Abu Simbel and Second Cataract

**Inventory**

Ident.Nr. AM 1157

Metadata Comment

Update Cancel

© 2018 - Thot Sign List



# + The Thot Sign List (TSL)

The screenshot displays the Thot Sign List (TSL) web application interface. The browser address bar shows `tsl.philo.ulg.ac.be`. The page header includes the site logo and navigation links: Home, About, Contact, Register, Hello, spolis!, and Logout.

The main content area shows a record for **Id\_source 354**. The record details include:

- MDC:** Q3:F22-V28-G43-D54:Q3-V28-X1:F22:D54-I9:W11:D21-G43-A2-W11:D21:X1-A2
- Transliteration:** *ph.w ph.t(w)=f gr.w gr.t(w)*
- Translation:** who attacks when he is attacked; who is silent when one is silent
- Source Comment:** (empty text area)
- date\_start:** thot-228
- date\_end:** thot-228
- year of:** 0
- Location:** topbib-701-060-060-010
- Location compl:** Location inscription: line 8
- Current Location:** thot-4371
- Scripts:** thot-83
- Material:** thot-6220
- Technique of inscription:** thot-19254
- Colour:** no
- Text-Content:** thot-18774
- Languages:** thot-11
- Object-Type:** thot-2619

A tree view on the right side of the interface shows a hierarchical structure of locations. The 'Semna West' folder is expanded, and the 'Fort with Temples' item is highlighted with a blue selection box.

Below the location tree, there is an **Inventory** section with a text input field containing 'Ident.Nr. AM 1157' and a 'Metadata Comment' link.

At the bottom of the page, there is a footer with the text: © 2018 - Thot Sign List.





**+ Conclusions**

# + Conclusions

- Future developments
  - Evolution of the data model
    - Separating the data about the documents from the sources
    - Linking the functions to shapes, and not to sources



# + Conclusions

- Future developments
  - Evolution of the data model
    - Separating the data about the documents from the sources
    - Linking the functions to shapes, and not to sources
  - Evolution of the encoding interface
    - Integration of the “classes”, with their description (inheriting from the sign description) and semographic functions
    - Addition of the description of the shapes
    - More attention to ergonomic issues (e.g., visualization of data instead of IDs) and to the navigation between components of the TSL





# + Conclusions

- Future developments
  - Evolution of the data model
    - Separating the data about the documents from the sources
    - Linking the functions to shapes, and not to sources
  - Evolution of the encoding interface
    - Integration of the “classes”, with their description (inheriting from the sign description) and semographic functions
    - Addition of the description of the shapes
    - More attention to ergonomic issues (e.g., visualization of data instead of IDs) and to the navigation between components of the TSL
  - Development of a publication platform



# + Conclusions

- Future developments
  - Evolution of the data model
    - Separating the data about the documents from the sources
    - Linking the functions to shapes, and not to sources
  - Evolution of the encoding interface
    - Integration of the “classes”, with their description (inheriting from the sign description) and semographic functions
    - Addition of the description of the shapes
    - More attention to ergonomic issues (e.g., visualization of data instead of IDs) and to the navigation between components of the TSL
  - Development of a publication platform
  - Expanding, checking, and validating the data

