

# Le projet franco-allemand sur les figurines féminines du Levant Sud 2012-



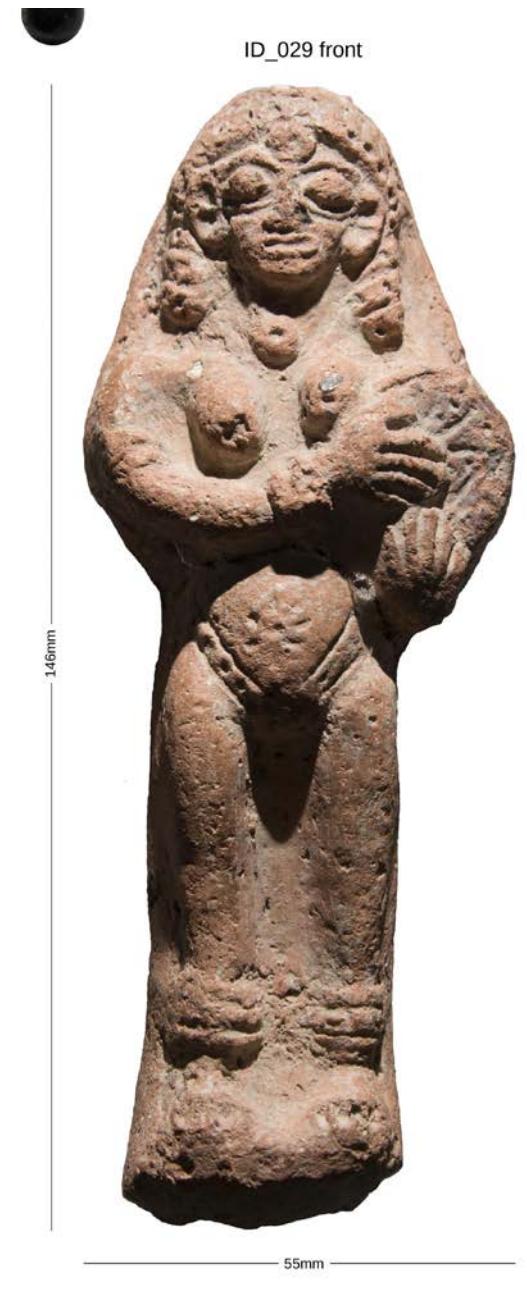
Régine Hunziker-Rodewald, Université de Strasbourg

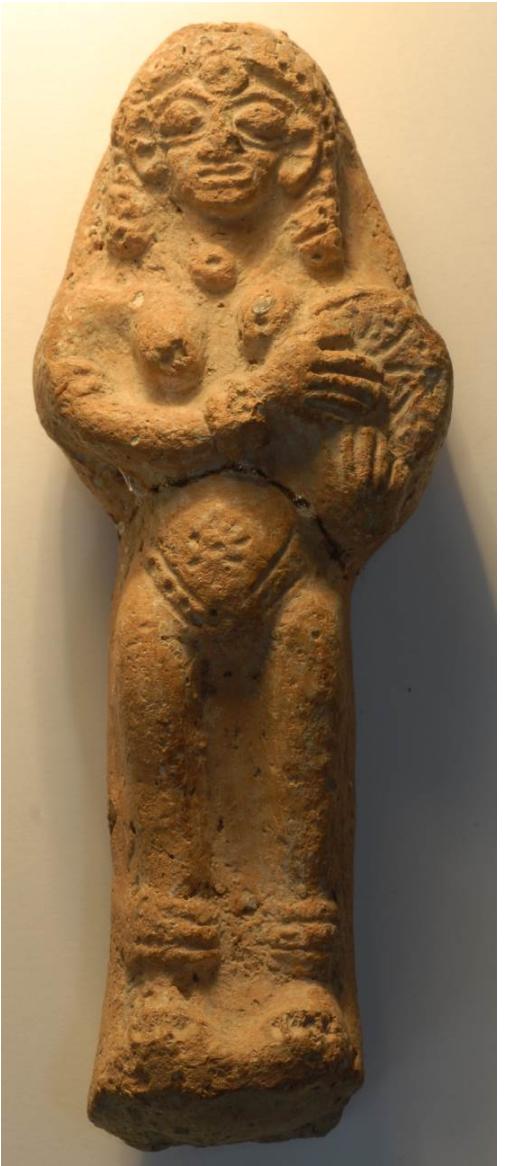
## « franco-allemand »

- **Regine Hunziker-Rodewald, Ancien Testament, Histoire d'Israël et du Proche-Orient ancien, Strasbourg (France)**
- **Astrid Nunn, Archéologie du Proche-Orient ancien, Würzburg (Allemagne)**
- **Thomas Graichen, doctorant en Archéologie du Proche-Orient ancien à dominante informatique, Mayence (Allemagne)**
- **Membre associé : Michèle Daviau, Archéologie du Proche-Orient ancien, Waterloo (Canada)**

## « figurines féminines »

- en terre cuite
- de l'Age du Fer II (env. 1000-600 avant J.-C.)
- 4 cm à 19 cm





SCD s. 312, jeudi 10 septembre 2015, 9h à 11h

## chiffres

- 420 figurines, 95 % fragments
- 229 RTI\* + 36 no RTI\* + 153 RTI2do (75 + 78)

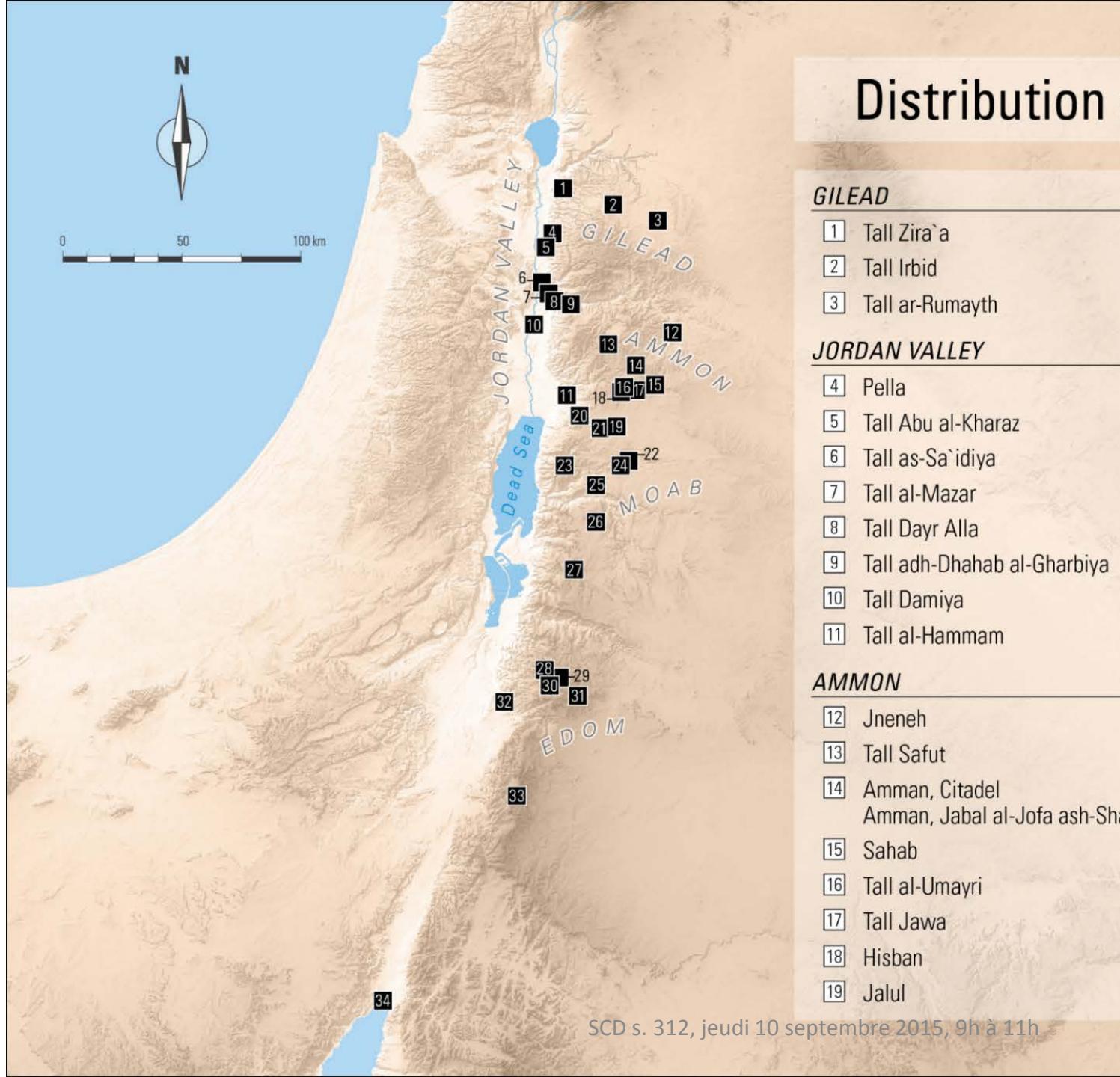




SCD s. 312, jeudi 10 septembre 2015, 9h à 11h

## « Levant Sud » : Transjordanie + Cisjordanie (Israël-Palestine)





# Distribution according to sites

Cartographer: Jean-Yves Sauter (2015)

Basemap: SRTM (NASA/NGA - ESRI)

Data sources: FGFP, DAAHL



## **Travail avec des archéologues, des musées, des collections :**

- **en Jordanie, 2/3**
- **EU, Angleterre, Canada, Pays-Bas, Australie, Irlande, Israël, Suède**
- **la plupart des figurines sont publiées**

## objectif

- archiver + documenter I : enregistrer les données

L233	WT-13 WT 86- 2/586	Field A Square 2 Locus 15  Cultic context	Part of a model shrine	Complete.  H. 11.2, W. 4.2, D. 2.6  Front: 10YR 7/3  Back: 7.5YR 7/3	Daviau 2001: 319 No. 13.  Sugimoto 2008: 123, T12.  Dolan 2009: 132 fig. 3.  Trow 2010: No. 221.  Daviau 2014: 2 fig. 2.3.	Madaba Archaeological Museum M. 8284 13.8.2013 ID_137, RTI*
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>> en français, anglais et arabe



L39a\_Amman Citadel ID\_211.JPG



L39b\_Amman poss. 875 ID\_186 head.JPG



L39c\_Amman Citadel ID\_212.JPG



L39d\_Amman Citadel ID\_213.JPG



L39e\_Amman Citadel ID\_214.JPG



L39f\_Amman Citadel ID\_215.JPG



L39g\_Amman Citadel ID\_216.JPG



L39h\_Amman Citadel ID\_217.JPG



L39i\_Amman Citadel ID\_218.JPG



L39j\_Amman Citadel ID\_219.JPG



L39k\_Amman Citadel ID\_220.JPG



L39l\_Amman Citadel ID\_221.JPG



L39m\_Amman Citadel ID\_222.JPG



L39n\_Amman Citadel ID\_223.JPG



L39o\_Amman Citadel ID\_224.JPG

ID\_204

L10c

Collection / Museum Amman IFPO

male,

sexless

#### IV Provenance

1. Site Amman Qal'a, excavated by Jean-Baptiste Humbert 1988-1994
2. Finding place
3. Inventory number AC. 477

(E = Excavation; M = Museum / Collection)

#### I Object type

1. In the round
  - a. Hollow / solid
  - b. Mould
  - c. Model shrine
  - d. Vessel
  - e. Undifferentiated
2. Front side in relief, flattened back
  - a. Convex / concave
  - b. Pillar like (back side is deeper than front side)
  - c. Flat
  - d. Tablet background
  - e. Undifferentiated
  - f. Protome, attached to

#### V Description

1. GENERAL: standing / sitting, preserved from ...shoulders..... to...waist....., front half, back half. Left front side damaged. Left side flattened already in antiquity?
  2. HEAD: with peg
    - a. Headdress / top of the head, complete / damaged
      - a.1 Top flat / plain / with fringe / partly with a ridge
      - a.2 Headdress: flat, ridge/ridges above forehead
      - a.3 Headdress: high, zigzag pattern, ridges on forehead
      - a.4 Varia
    - b. Hairstyle complete / damaged
      - b.1 Top: lines / wavy lines / dots
      - b.2 Fringe: plain / indicated by fine or rough lines / wavy
      - b.3 Wavy rows, covering the top, the ears and framing the cheeks
      - b.4 Side-locks: complete / damaged
- Rounded / cut /  
pendulous  
Striated: diagonally, lengthwise, irregularly, finely / roughly  
Divided by a vertical line  
Tucked behind the ears, reaching chin level / neck / shoulders / upper chest  
level  
Parted, covering the ears, falling onto the shoulders
- b.5 Hair: plain, covering the ears, flowing onto the back
  - b.6 Varia

#### II State of preservation

1. Complete
2. Head
3. Bust
4. Torso
5. Legs
6. Fragment:

#### III Dimensions

1. H. 4.9
2. W. 4.4
3. D./L. 2.2

- c. Forehead: vertical ridges
  - d. Eyebrows: prominent brow ridge / none
    - d.1 Parallel to eye outline / to eye ball, unibrow
    - d.2 Accented by an impression above
    - d.3 Marked with vertical lines
    - d.4 Varia
  - e. Eyes: complete / damaged / worn
    - e.1 Eye ball almond-shaped / rounded / large / extra-large
      - Flat / in relief / pellet
      - Pupil: dot / originally inlaid / incised horizontal line / not indicated
    - e.2 Eye outlined by a ridge / incised line / no outline
    - e.3 Varia
  - f. Nose: complete / damaged / worn
    - f.1 Small / large
    - f.2 Pinched / snub nose / wide nostrils
    - f.3 Varia
  - g. Ears: complete / damaged / invisible / visible / worn
    - g.1 Small / large
    - g.2 Incised / outlined by a ridge
    - g.3 Stuck on / high / low positioned / prominent / forward turning
    - g.4 Inside: ridge or knob / hollowed out
    - g.5 Earlobe
    - g.6 Varia
  - h. Face, cheeks: complete / damaged / worn
    - h.1 Face: rounded / elongated / slim / high cheekbones
    - h.2 Cheeks: flat / chubby / hollow
  - i. Mouth, lips: complete / damaged / worn
    - i.1 Small / large
    - i.2 Curved / straight / oblique mouth
    - i.3 Full / thin / flat / puckered / open lips
    - i.4 Corners of the mouth turned down / up
  - i.5 Upper and lower lip different
  - i.6 Varia
  - c. Chin: complete / damaged / worn
    - Rounded / long rounded / pointed
  - k. Neck: long / short
1. BODY **nude or dressed, rather nude**
- a. Arms, hands complete / damaged / broken
    - a.1 **Holding a disc on the left side of the chest** / in front of the chest
      - Left hand holding the disc, **right hand placed on it**
      - Both hands holding disc from below / from the side / one hand from above
    - a.2 Holding a disc at a right angle with the body
    - a.3 Bent arms forward breasts
    - a.4 Hands holding the breasts: cupping / covering / pressing
    - a.5 Hands below breasts
    - a.6 Hands on abdomen / below belly / akimbo
    - a.7 Holding a child / an object
    - a.8 Arms along the body, one / both
    - a.9 Hands on pubic area
    - a.10 Arms not attached to the body
    - a.11 Varia: **fingers worn**
  - b. Breasts: complete / damaged, invisible, **right one** / both
    - b.1 **Small** / large
    - b.2 Placed high / asymmetrically
    - b.3 Rounded / pointed / prominent / **elongated** / modeled
    - b.4 Pellet / dots for nipples
    - b.5 Varia
  - c. Abdomen: Flat / distended / fleshy / pregnant /
  - d. Hips: complete / damaged / broken
    - d.1 Broad / narrow / straight / rounded
    - d.2 Buttocks
  - e. Genitalia: complete / damaged / not demarcated / hidden

- e.1 Pubic area: triangular / quadrangular / outlined
- e.2 Pubic area: flat / protuberant
- e.3 Vulva: almond-shaped / rounded / opened vertically
- e.4 Pubic hair: indicated by lines / punctuations
- e.5 Pellet
- e.6 Varia
- a. Legs: complete / damaged / broken
  - f.1 Legs: apart / splayed / together / parallel / distinct from torso / crotch
  - f.2 Thighs: skinny / stout / straight / shapely
  - f.3 Varia
- b. Feet, toes: complete / damaged / broken, no feet, no toes
  - g.1 Fashioned crudely / finely
  - g.2 Feet apart / together
  - g.3 Toes long / short
- 1. GARMENT?: neck rim to one shoulder to the other = jewellery? / length / straight or bell shaped / sleeved / no sleeves
  - fabric: plain; pattern: lines, dots, zigzag; belt
- 2. JEWELLERY, adornment
  - a. Headdress / hairstyle: band / bands; decorated:
  - b. Forehead: medallion
  - c. Ears: earring / eardrop / on both sides / on one side
  - d. Neck / chest
    - d.1 Neckband: narrow / broad, double, medallion, [see V.4](#)
    - d.2 Necklace, pendant, string visible / not visible
  - e. Arms: armlet / armlets, on both arms / on one arm; decorated:
  - f. Wrists: bracelet / [2 bracelets, on right wrist](#) / on one wrist; decorated:
  - g. Abdomen, pubic area: V-shaped fabric strip, decorated:
  - h. Waist: belt; decorated:
  - i. Navel: tattoo?: star-shaped
  - j. Legs, ankles: anklet / anklets, on both legs / on one leg; decorated:
  - k. Disc: [worn](#) / complete / damaged / plain / decorated: frame / lines, dots, zigzag

#### a. Varia

#### VI Manufacturing technique

1. Moulded / hand-made
2. Head moulded, hand-made, combination of the two
3. Body moulded / double moulded, hand-made, wheel-made, [combination](#)
4. Surface smoothed / slipped

#### VII Ware

- |                                   |                   |                                     |
|-----------------------------------|-------------------|-------------------------------------|
| 1. Solid, surface: Front: 10R 6/6 | Back: 10R 7/4     | Core: grey surrounded by 2.5 YR 8/3 |
| 2. Hollow, exterior surface:      | Interior surface: | Core:                               |

#### VIII Painting

1. Hair, headdress
2. Eyes outline / pupil
3. Garment
4. Pubic area
5. Varia

#### IX Remarks

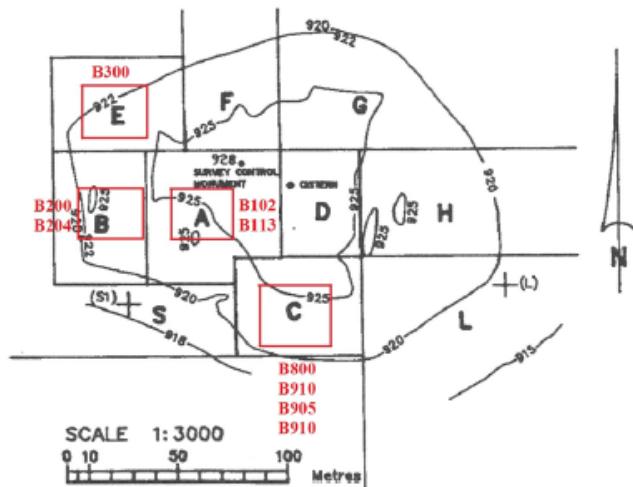
1. Photos received from museum / collection:
2. RTI done by Thomas: [all](#) / front / back / right / left
3. Photos, done by
4. Varia: 27.8.2013

## Tall Jawa

### The archaeological context of the figurines

Tall Jawa is located 11 km south of Amman. It was already recognized as an antique site in the 19<sup>th</sup> c. and was assigned to the Iron Age even before the survey of N. Glueck. Tall Jawa came under the purview of the "Madaba Plains Project Hinterland Survey" in 1984. As part of this project, excavations began in 1989 under the direction of R. W. Younker, Professor of Old Testament and Biblical Archaeology and Director of the Institute of Archaeology at Andrews University in Berrien Springs/MI, and P.M. Daviau, Professor of Near Eastern Archaeology at Wilfrid Laurier University in Waterloo/Canada, who served as a director for the last four seasons in 1992-1995.

Although pottery possibly hints at a settlement in the Late Bronze Age (Stratum XI), Tall Jawa was to flourish in the Middle and Late Iron Age II (9<sup>th</sup>-7<sup>th</sup> c. BC). Most of the excavated structures go back to Early Iron Age II (Stratum IX), Middle Iron Age II (Stratum VIIIB and VIIIIA) and to Late Iron Age II (Stratum VII). Later layers encompass Persian, Roman, Byzantine, Arabic and modern remains.



spindle whorls, loom weights, grinding tools are characteristic of domestic food preparation, of storage as well as of household-level textile production (Daviau 2003, 287-343).

The squares C43-C73 cover an area with a heavy walled structure. Structure B910 in Stratum VIIB and B905 in Stratum VIIA have a tripartite plan with three rows of rooms running north-south. The total length must have been about 15m. Gate Building B910 was transformed into an industrial and craft production center in Stratum VIIA (B905). The central doorway was closed and transformed in several rooms (Daviau 2003, 375-390). According to the square TJ 1709/ID\_183/L120 and TJ 2199/ID\_077/L121 were uncovered in B910 or B905 (Daviau 2001, 202-203).

#### Field E (fig. 3)

B300 is the only structure excavated in the northwest quarter of the Tall. Located immediately inside the inner wall of the casemate system, this structure consists of five rooms built up against the defensive wall. Six other rooms immediately to the south appear to have been an integral part of the same structure. B300 may actually not have been one unit but the alignment of three (Daviau 2003, 208-209).



## objectif

- archiver + documenter II : enregistrer les photos



Cultural Heritage Imaging  
a nonprofit corporation

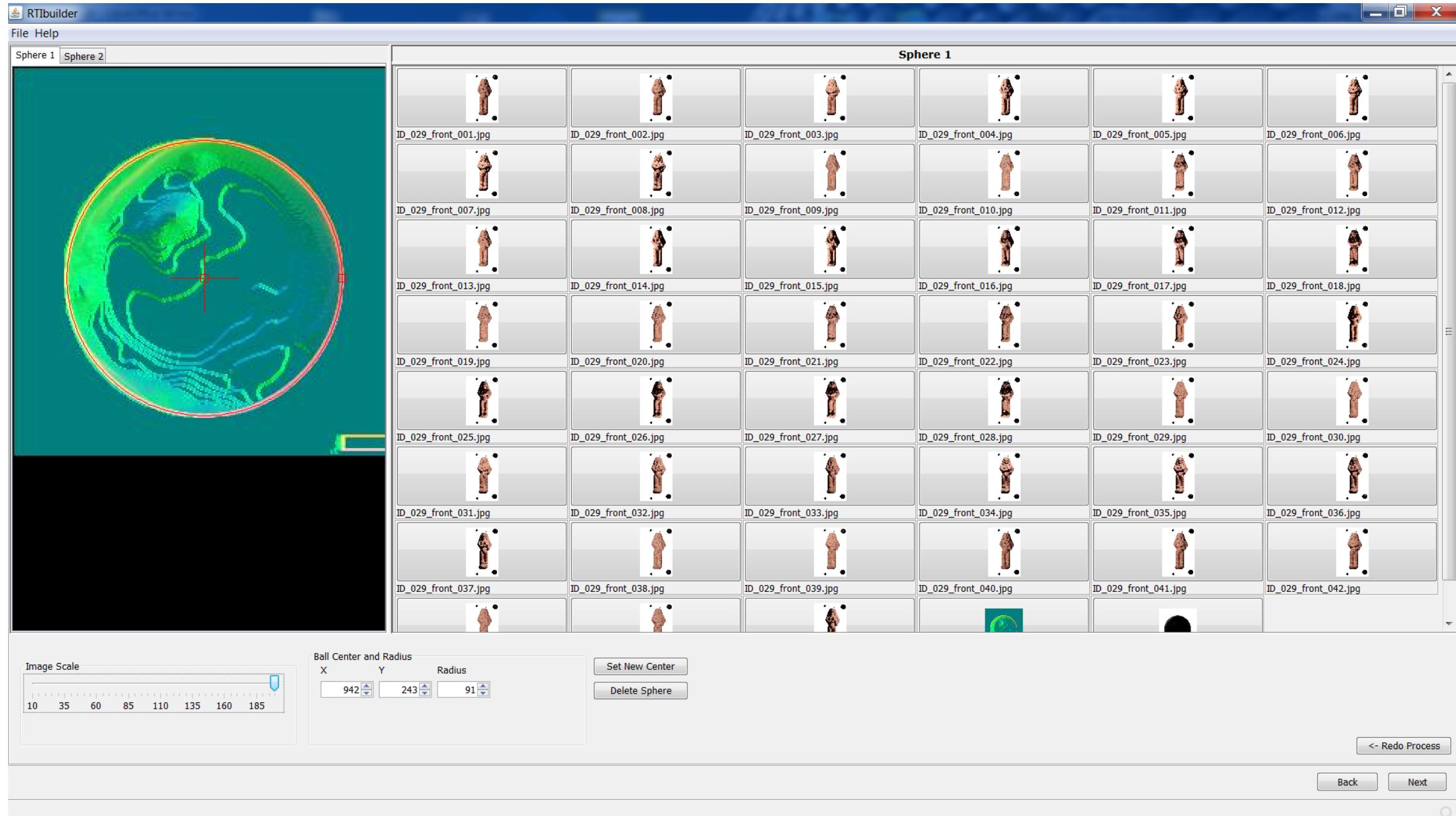
**Reflectance Transformation Imaging RTI / Imagerie par  
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numérique avancée qui permet le rallumage interactif de l'objet de  
tous les angles par l'utilisateur**



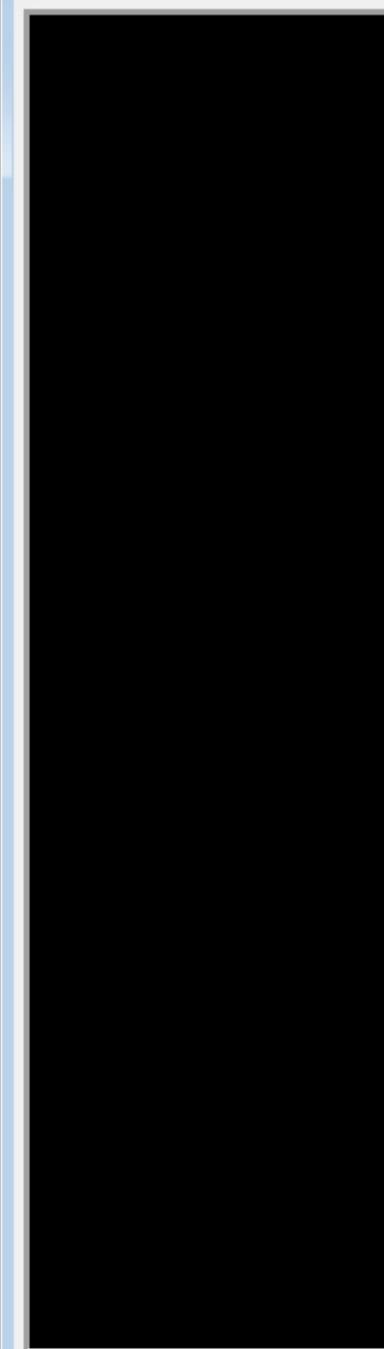
<http://culturalheritageimaging.org/Technologies/RTI/>



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- **Organiser les données produites : réaliser un catalogue général**



ID 029 front



55mm

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Rendering mode

Specular Enhancement

Kd

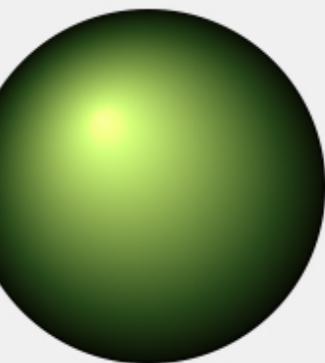
Ks

N

## File info

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Zoom

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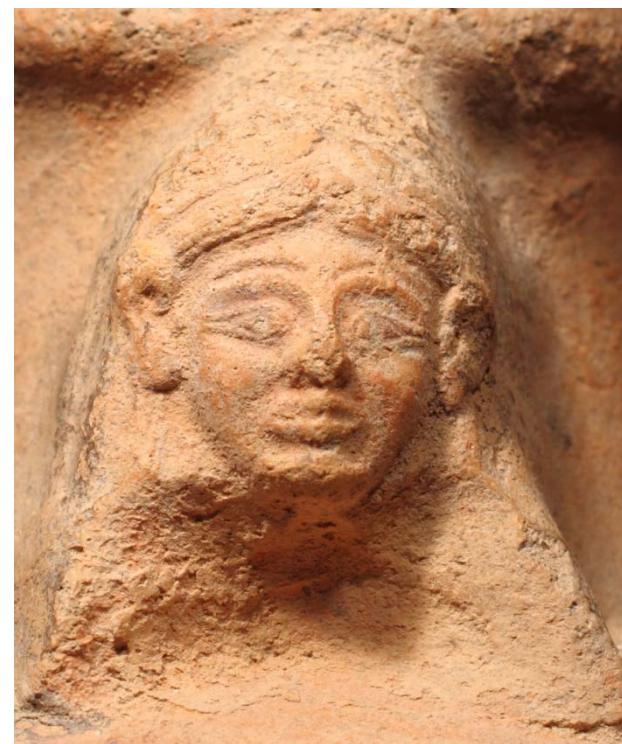


ID\_055 inside



106mm

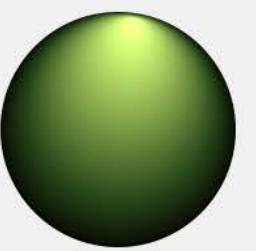
47mm



2015, 9h à 11h

Jug (University) - detail

10 mm



Light

x 0,13

y 0,94

Zoom

35%

Pan

x 0

y 0

Rendering mode

Default

Navigator Bookmarks

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Size 3106 x 2852 Format RTI HSH

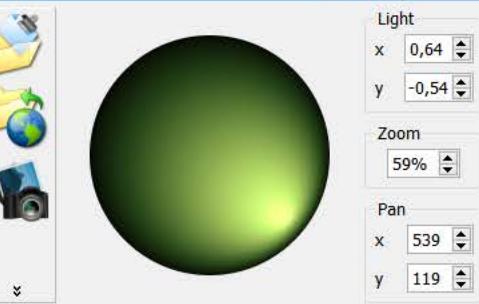
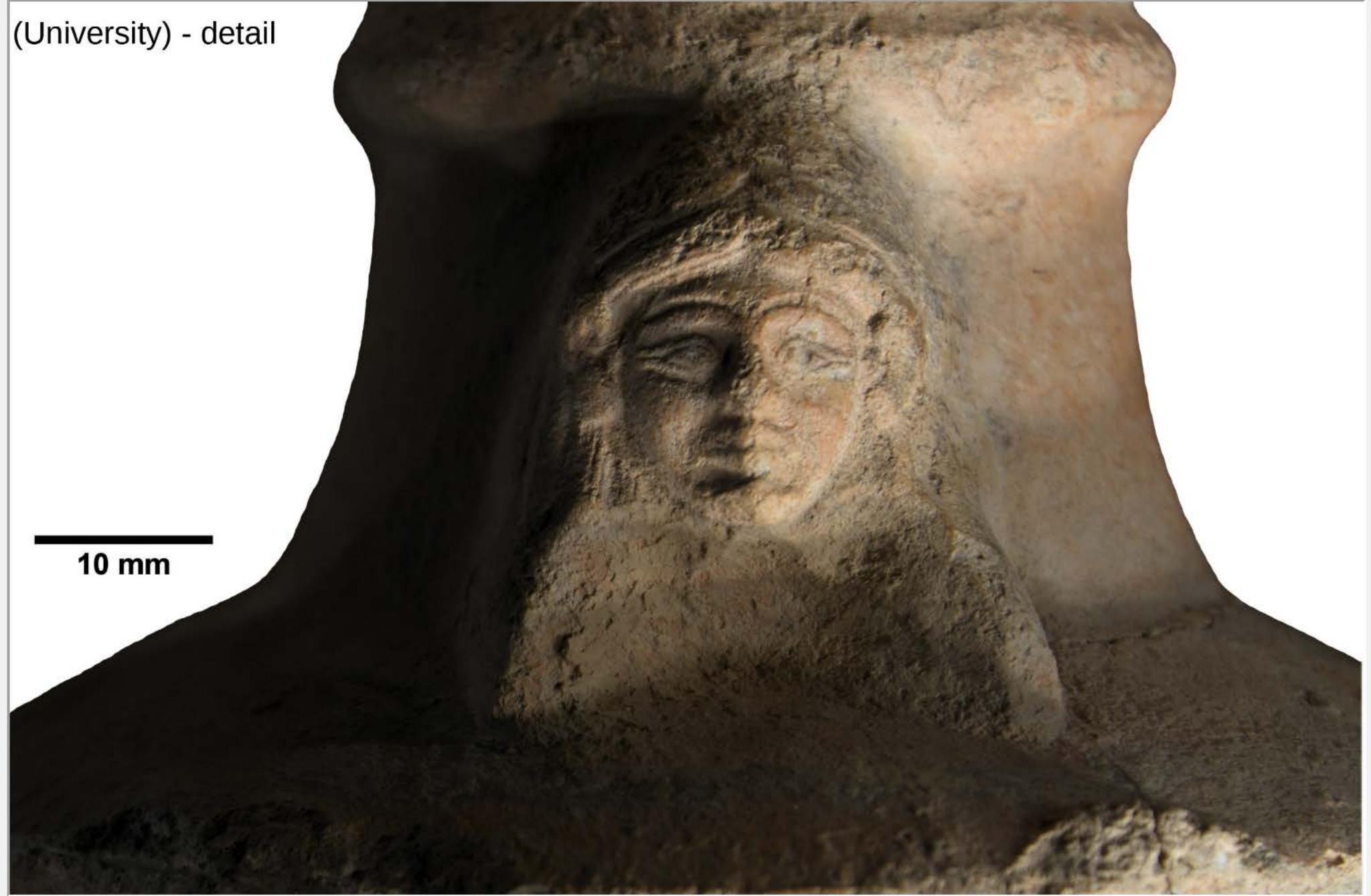


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18.06.2015

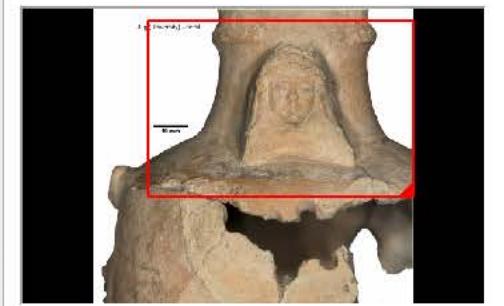
(University) - detail

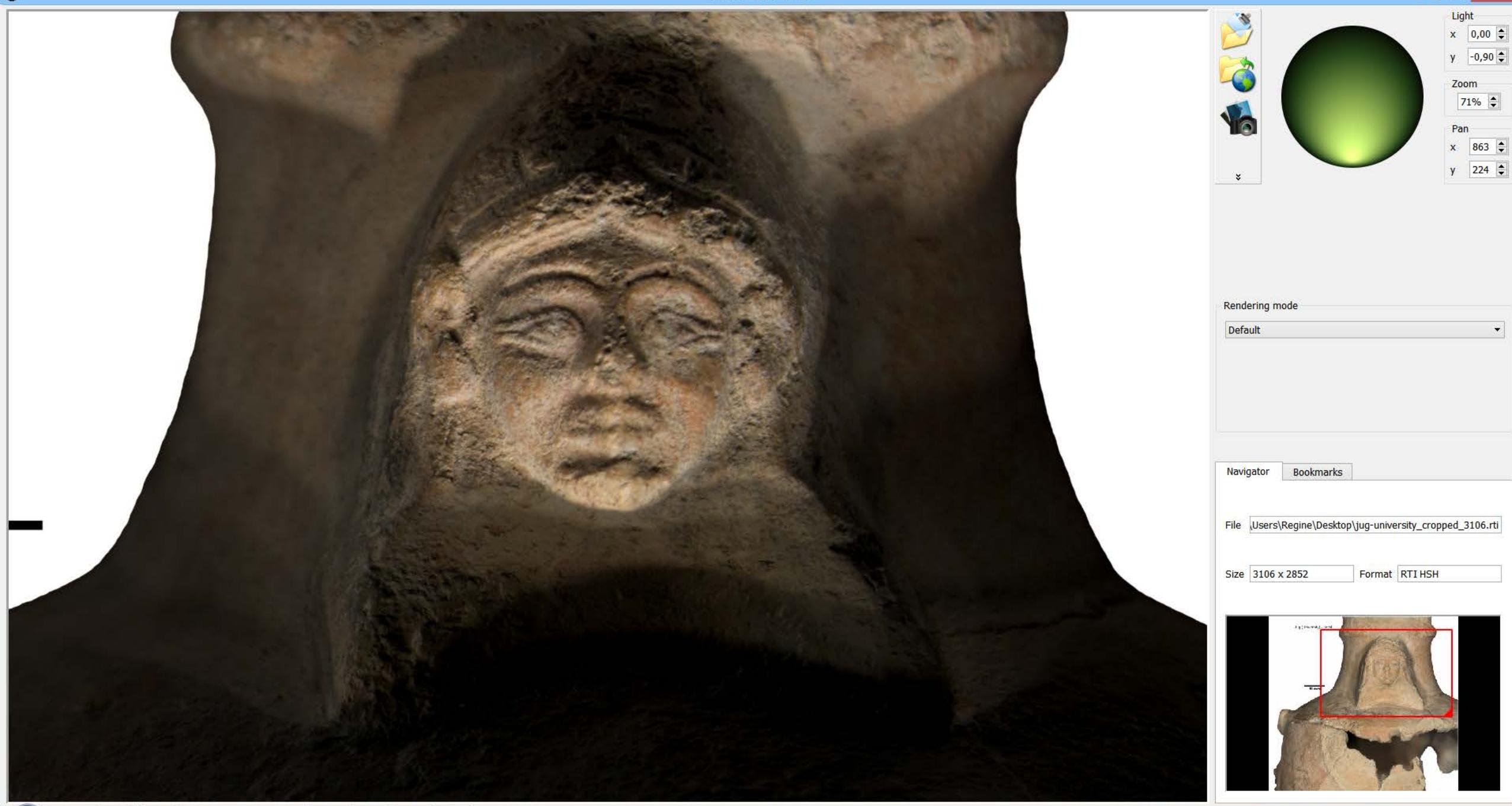


**Navigator** **Bookmarks**

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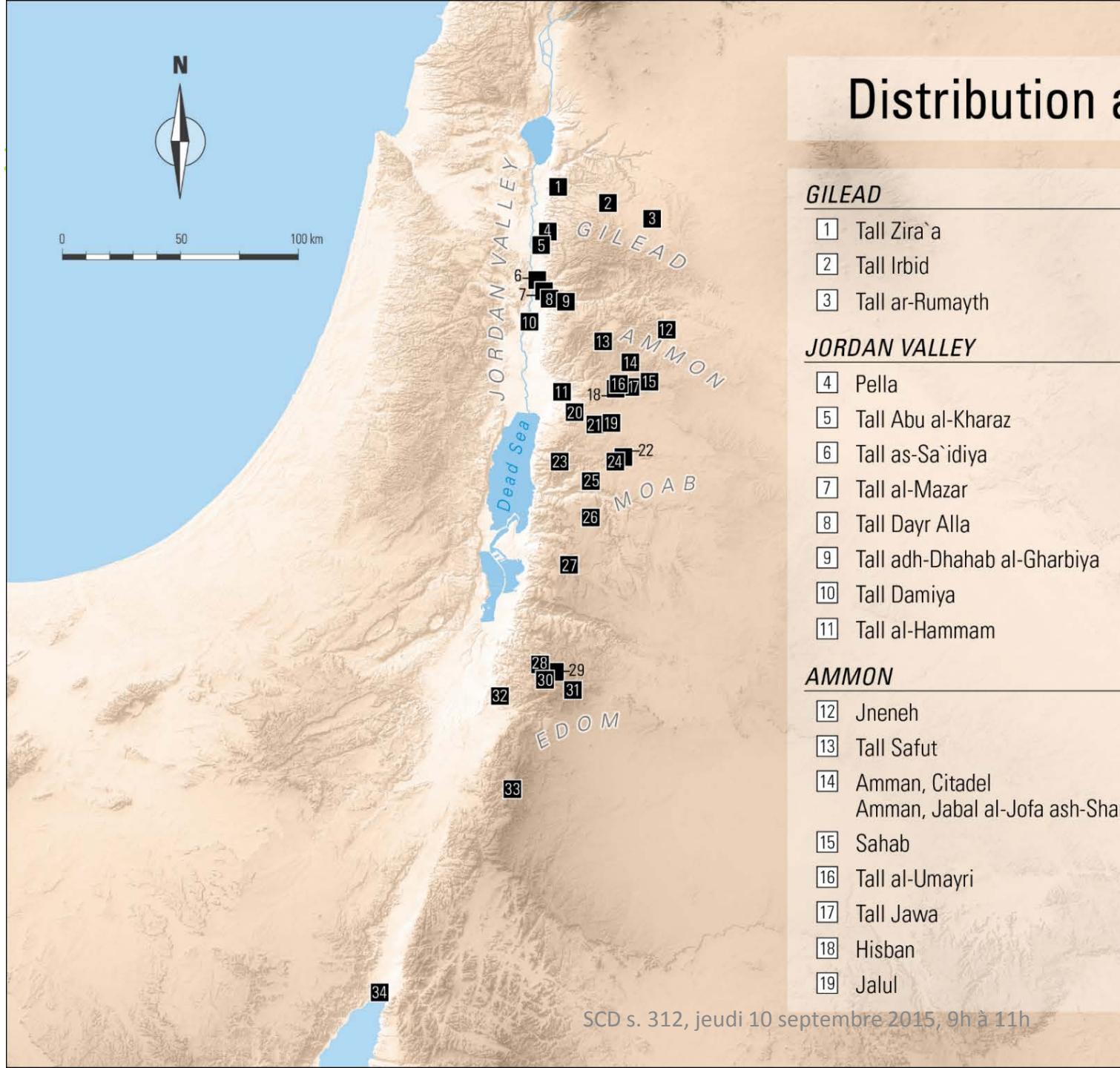
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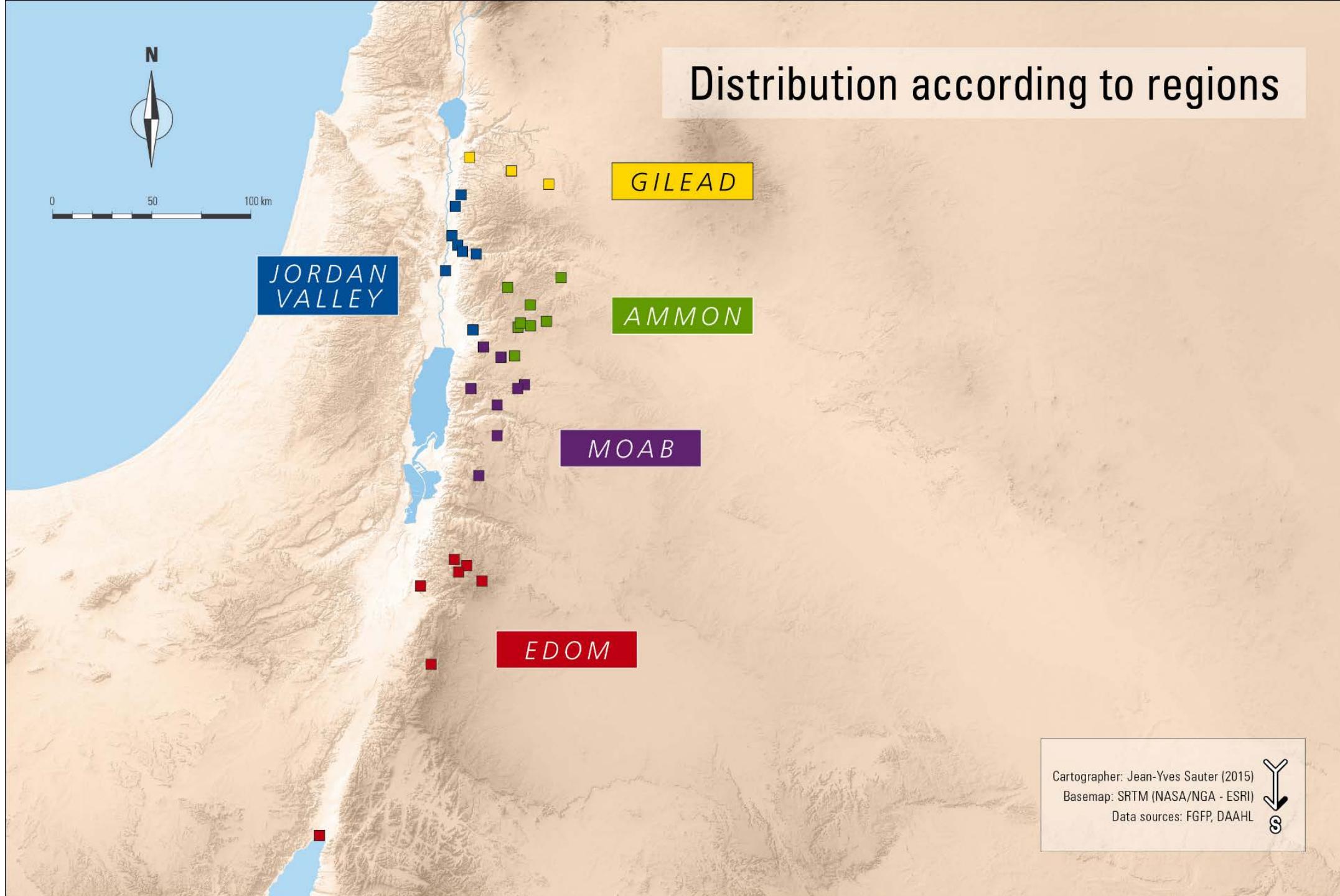
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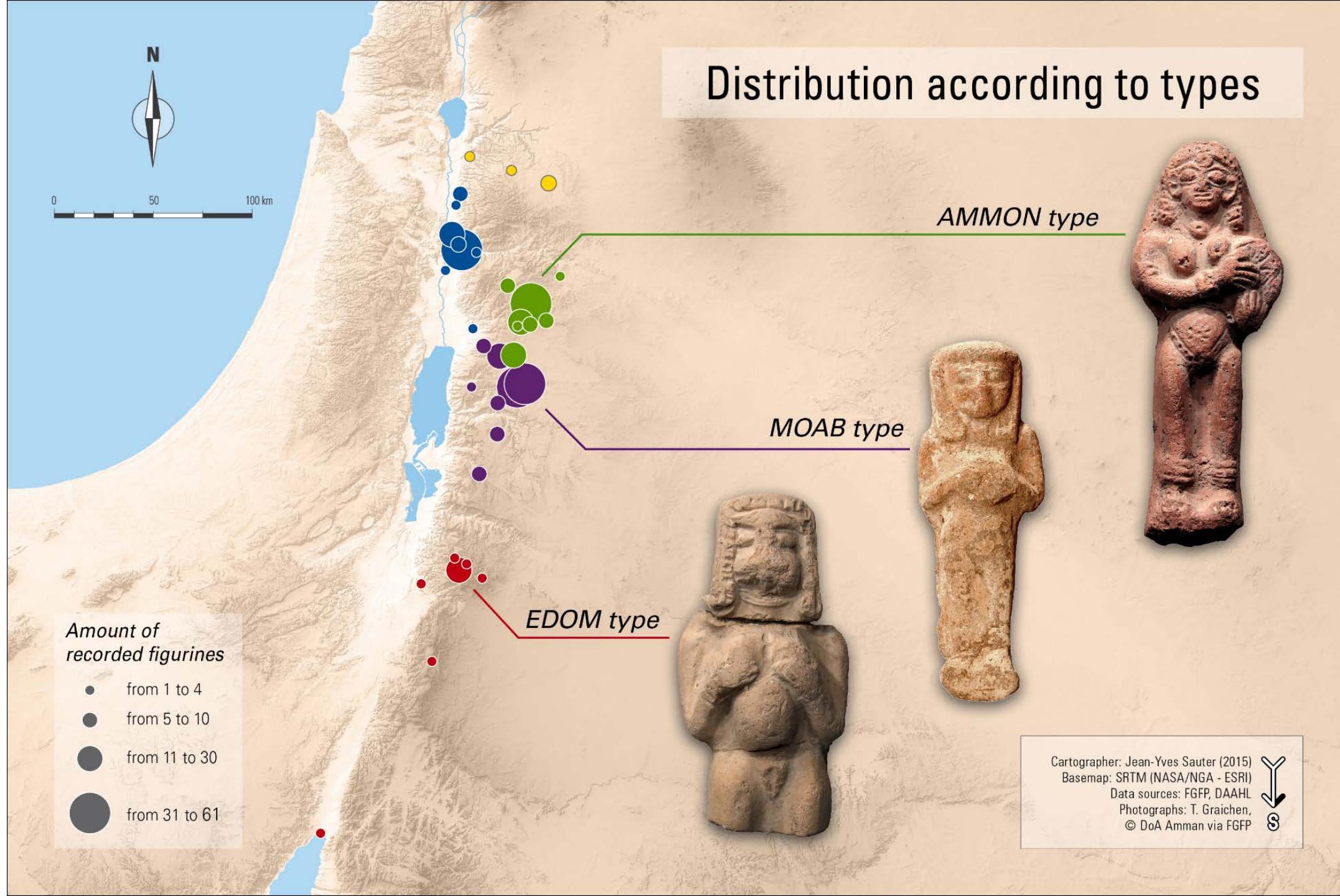
- **valoriser les données : créer une typologie différenciée comme outil comparatif afin de pouvoir identifier la fonction et l'usage de ces artefacts**
- **situer ces figurines dans l'histoire culturelle du Levant Sud**



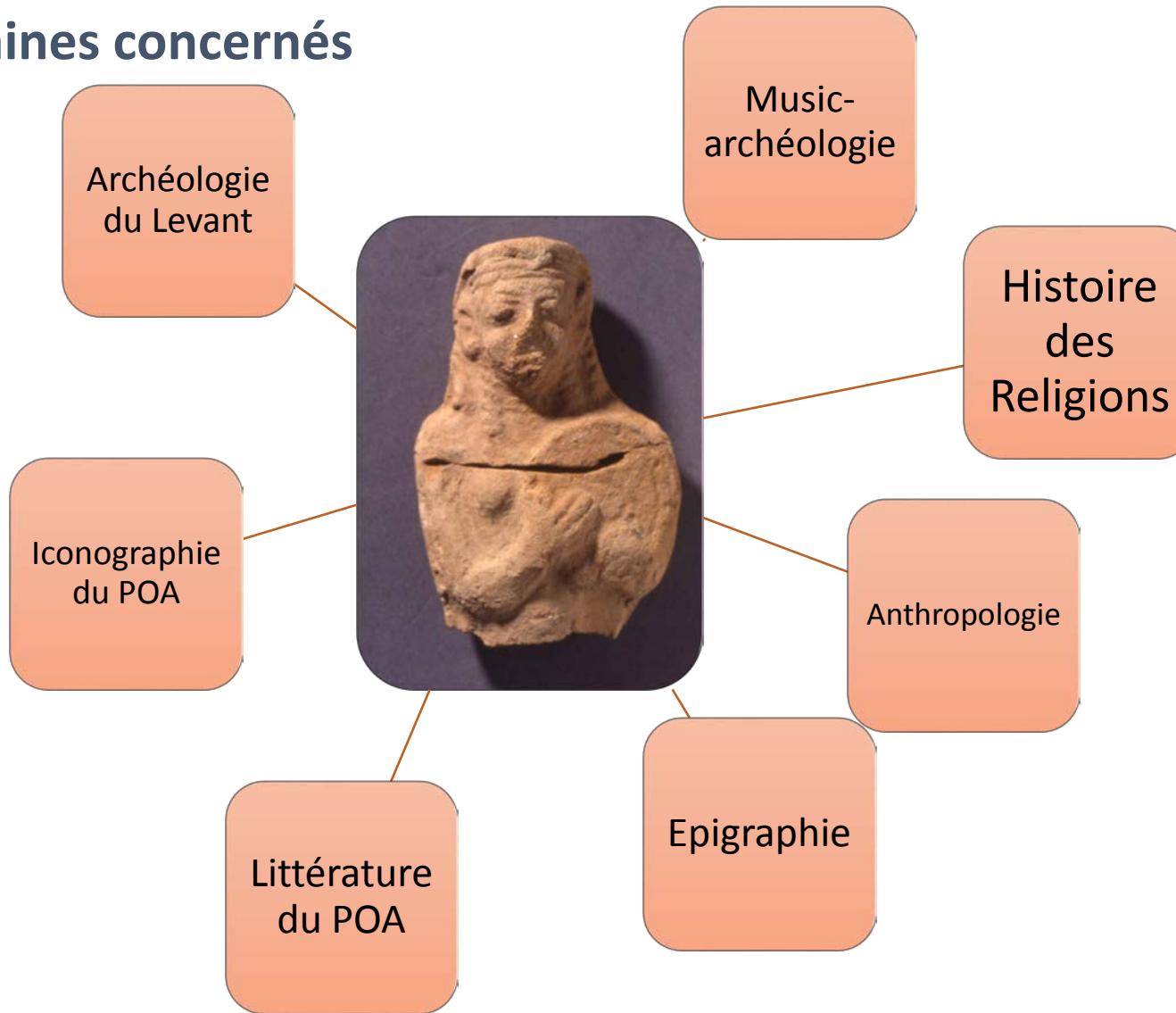
# Distribution according to sites



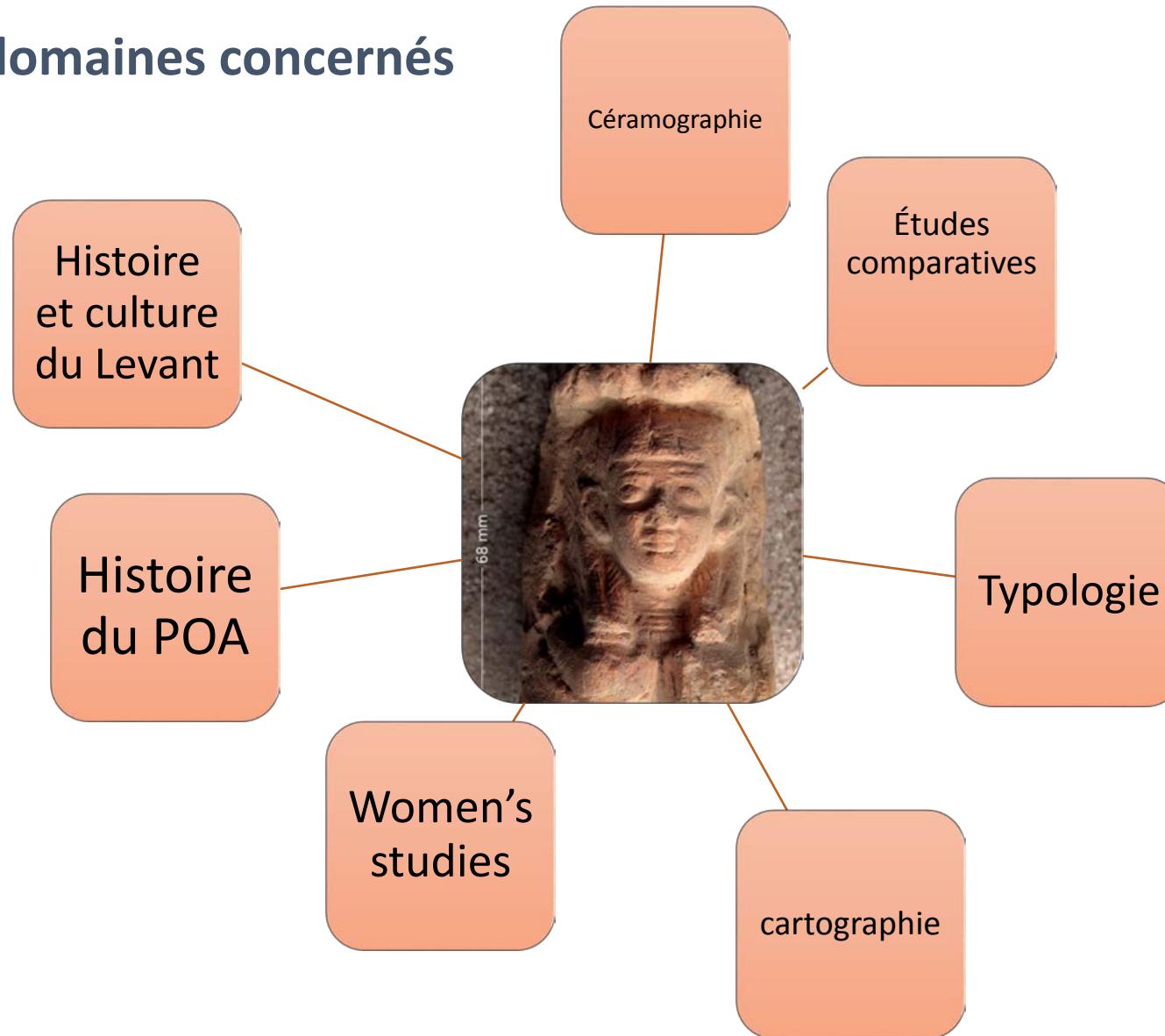




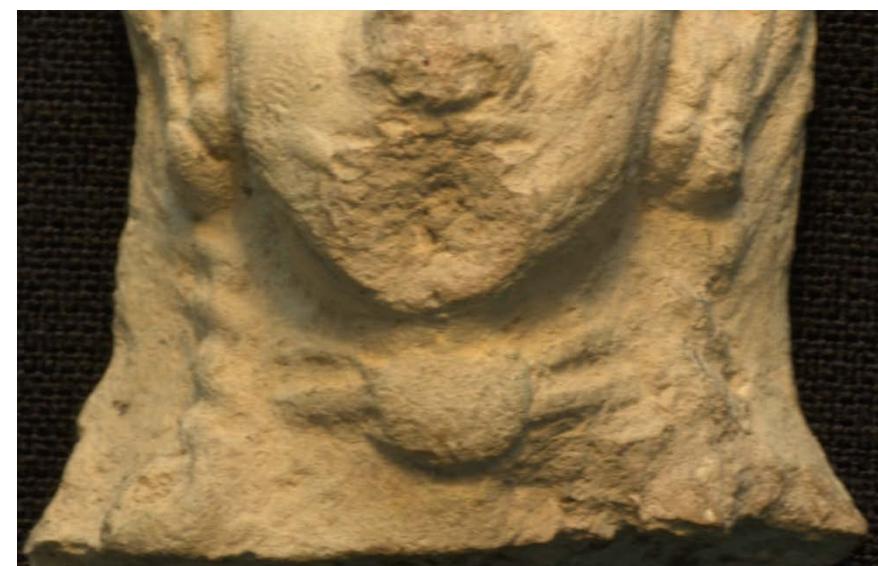
## Recherche : domaines concernés



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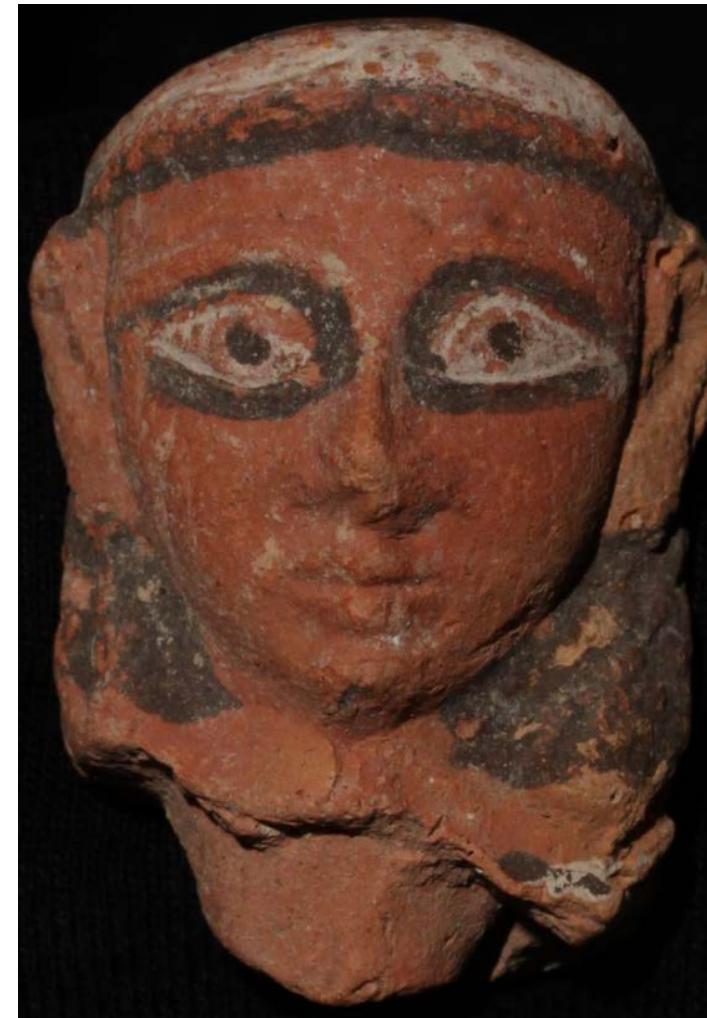
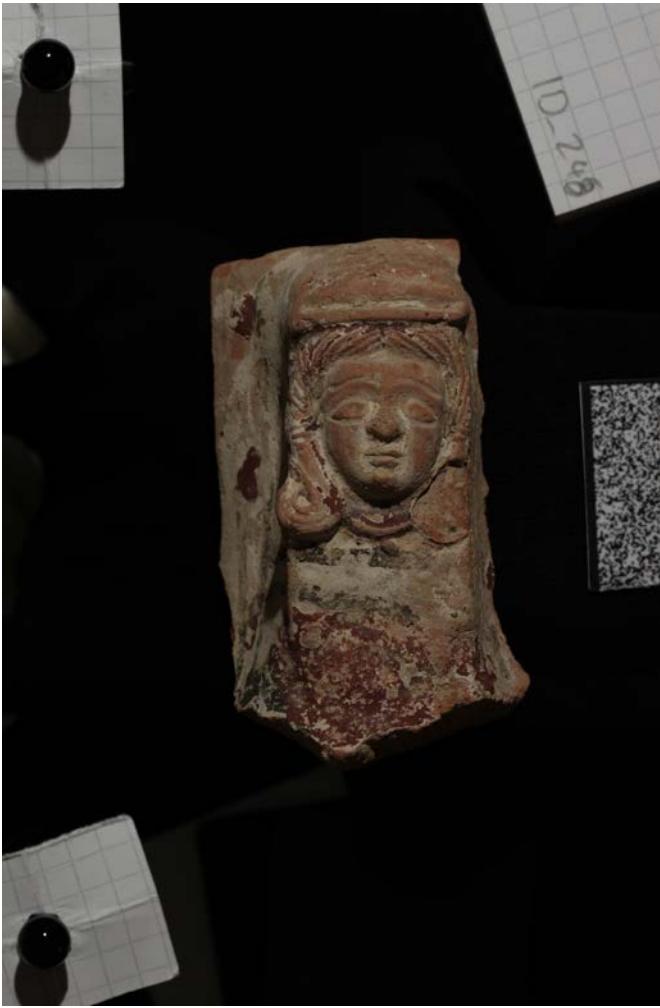
## Recherche: détails



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## analyses d'argile

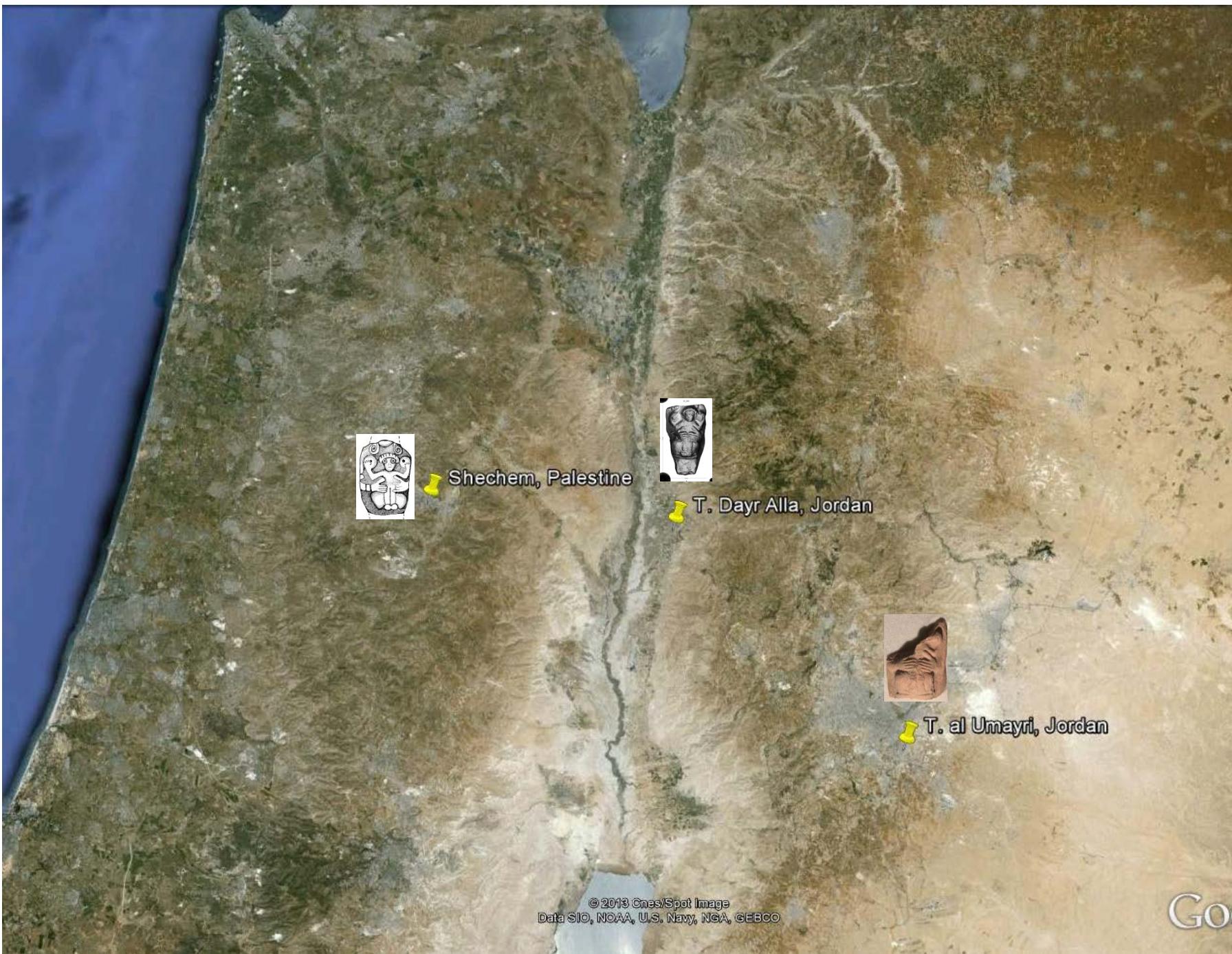


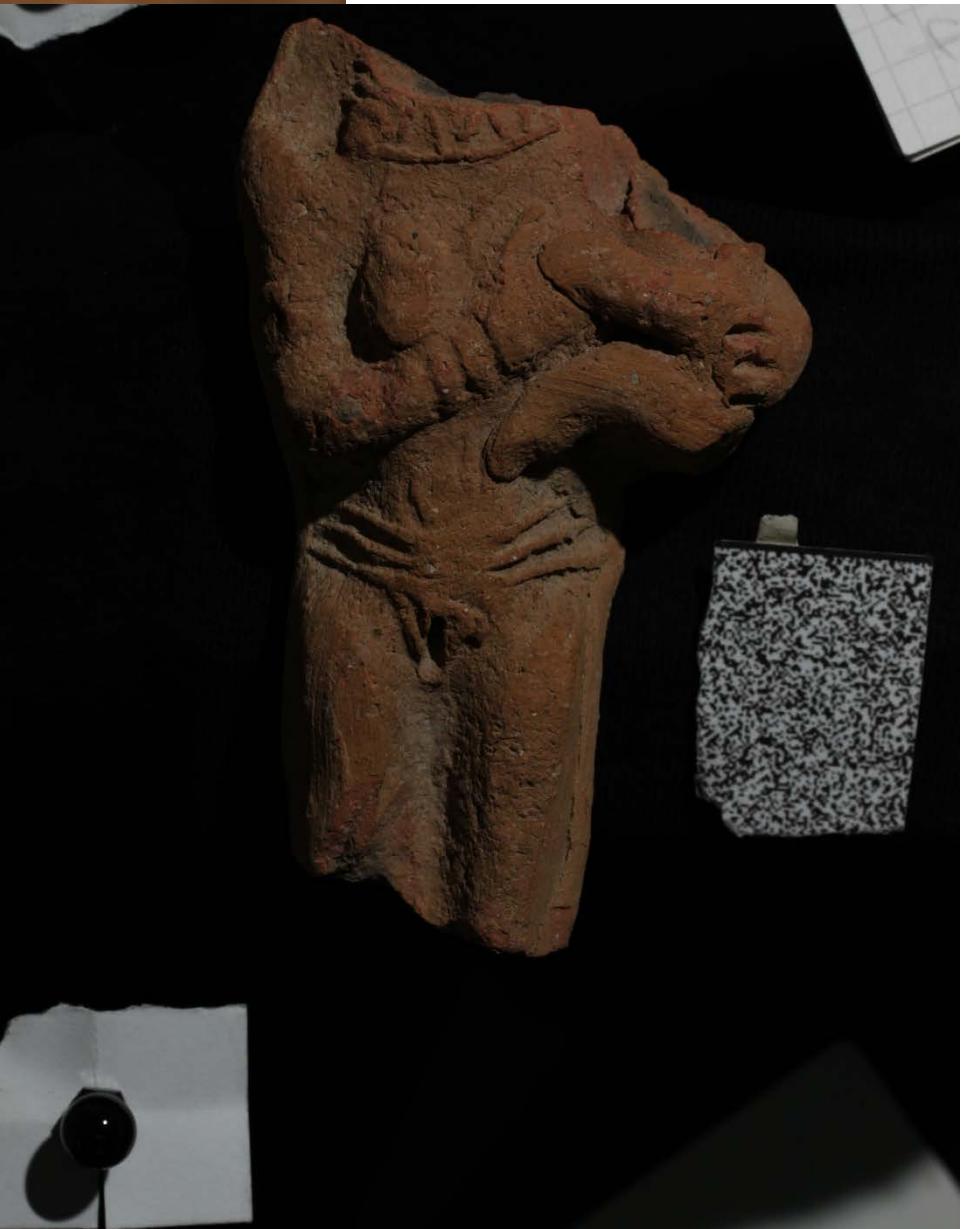
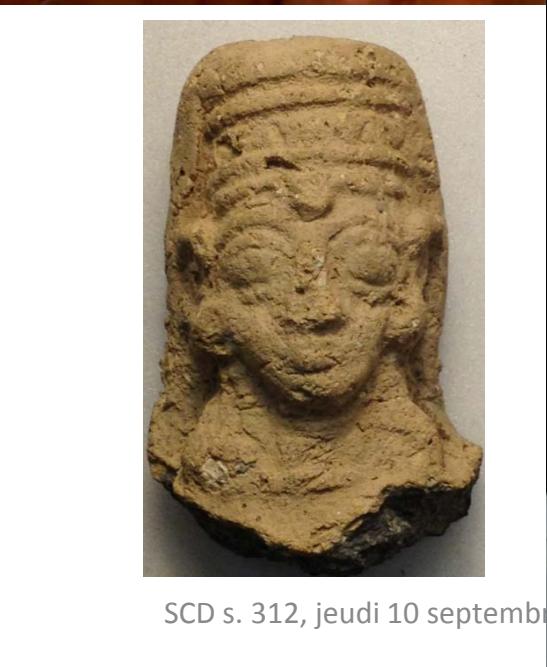
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## analyses d'argile







SCD s. 312, jeudi 10 septembre

<http://www.stephane-ostertag.fr/rti/>

RTI