



The history of sheep in Southwest Asia. From archaeological bones to modern genetics

Workshop Lyon - 27-28 May 2024

Organised by
Emmanuelle Vila, Marjan Mashkour and Dan Bradley

Maison de l'Orient et de la Méditerranée – 7 rue Raulin 69007 Lyon
4th floor – Salomon Reinach room

PROGRAMM Monday 27 May

10.00-11.00 - Welcome of participants / coffee

11.15-11.30 - Introduction / Emmanuelle Vila, Marjan Mashkour and Dan Bradley

I-Sharing Sheep bones: contextualisation of material (and tentative synthesis)

11.30-12.30

-Mesopotamia and Northern Levant: Emmanuelle Vila, Jwana Chahoud, Moussab Albesso, Lionel Gourichon

-Iran: Marjan Mashkour, Hossein Davoudi

12.30-14.00 - Lunch break

14.00-15.00

-Caucase: Rémi Berthon, Tim Mibord, Jwana Chahoud

-Anatolia: Bea de Cupere, Joris Peters

-Central Asia: Delphine Decruyenaere, Marjan Mashkour

15.00-15.30 - Discussion on archaeozoological data

II- Cuneiform sources

15.30-15.40

Evosheep-Sheep in the cuneiform texts from the 3rd to the early 2nd millennium B.C.

Philippe Abrahams et Cécile Michel presented in absentia by E. Vila

15.40-16.00

Fat-rumped and fat-tailed sheep in southern Mesopotamia: Historical sketch based on cuneiform sources

Walther Sallaberger

16.00-16.20 – Discussion on epigraphy and philological aspects

16.20-16.30 - Coffee break

III- Geometric Morphometric approaches

16.30-16.50

3D geometric morphometrics for the zooarchaeological discrimination of sheep-

Nadja Pöllath et al.

16.50-17.10

3D morphological investigations in Evosheep Project

Manon Vuillien et al.

17.10-17.30 - Discussion on morphometric geometric approaches

19h30 - Dinner



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Tuesday 28 May

IV- Proteomic and genomic approaches

9.00-9.20

Evosheep- Paleoproteomics of sheep remains for South-West Asia

Fabrice Bray et al.

9.20-9.40

Evosheep- Modern sheep genomics: cf. Awassi

Océane Deschamps & François Pompanon et al.

9.40-10.00

Evosheep- Methodological approaches: DNA on modern sheep bones from Iran and Turkey

Régis Debruyne & Ludovic Orlando et al.

10.00-10.20 - Coffee break

10.20-10.40

Ancestral Weaves- Sheep genomics research in Dublin

Kevin Daly & Dan Bradley et al.

10.40-11.00

Ancestral Weaves- Sheep genomics research in Dublin

Aine Halpin et al.

11.00-11.20

Ancestral Weaves- Sheep pathogen genomics research in Dublin

Louis L'Hôte et al.

11.20-11.40

PaleoFarm- Sheep genomics research in Munich

Laurent Frantz & Joris Peters et al.

11.40-12.00

Evosheep paleogenomics research

Ludovic Orlando et al.

12.00-13.30 – Lunch break

13.30 – 16.00 - General discussion

- Sampling, recording, analyzing and sharing data (archaeozoology, morphometrics, genetics, proteomics).

- Genomic methodologies with a discussion on reference material, sequencing depth, etc...

16.00 – Coffee break

16.30-19.00 - General discussion (continued)

- Questions related to the strategies of publications

- Financing sources, applying to new projects

20.00 – Dinner



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Participants

Evosheep ANR

- ◇ Abrahami Philippe. HALMA - Histoire, Archéologie et Littérature des Mondes Anciens, Lille, philippe.abrahami@univ-lille.fr
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- ◇ Pompanon François. LECA - Laboratoire d'écologie alpine, Grenoble, francois.pompanon@univ-grenoble-alpes.fr
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Ancestral Weaves ERC

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