

# Carolynne Douché

ARCHAEOBOTANIST



## EDUCATION HISTORY

### PhD in Archaeology

Dec 6th 2012 - Jan 15th 2018

University Paris 1 Panthéon-Sorbonne

Emergence and Development of agriculture during the Neolithic period in SW Asia: Archaeobotanical Study of Dja'de el-Mughara and Tell Aswad (Syria) [translation]. Supervision: Prof. P. Butterlin, Prof. M. Tengberg & Dr. G. Willcox

### Masters in Environmental Archaeology

Oct 4th 2010 - Nov 9th 2012

University Paris 1 Panthéon-Sorbonne

Specialisation in Archaeobotany

Archaeobotanical Study of the Early Neolithic site of Tell Aswad, Syria

### BA in Archaeology and History of Arts

Oct 1st 2007 - Jun 30th 2010

University Lille 3 - Charles-de-Gaulle

Specialisation in Near Eastern Archaeology

Option Akkadian

## WORK EXPERIENCE

### CONTRACTS

#### *Co-PI Grant John Fell Fund (Part-time)*

Dec 2nd 2024 - now

Grant JFF 00154430 (£54,561.84)

Project EARLY FARMING SYSTEMS IN LOWLAND MESOPOTAMIA AS A FOUNDATION FOR URBAN SOCIETIES, Univ. of Oxford (UK). Archaeobotanical Study of 5 sites located in Lowland Iraq. Collaboration : Prof. M. Charles

#### *Fix-Term contract (Part-time)*

Dec 2nd 2024 - now

Project SEBITTU, Univ. of Oxford (UK)/Univ. Akron). Archaeobotanical Study of 2 sites located in northern Iraq Iraq. Collaboration : Prof. M. Charles, Prof. T. Matney

#### *Fix-Term contract*

5 Feb - Mar 31th 2024

Project KHARAYSIN, CSIC Barcelona (Spain). Archaeobotanical Study of the Neolithic site of Kharaysin, in Jordan. Collaboration: Dr. A. Arranz & Prof. J.-J. Ibáñez

#### *Marie Curie Individual Fellowship*

10 Jan 2022 - 9 Jan 2024

Grant n°101018916 (212 933.76€)

Project GRAMADIF "Do grains make the difference?", Univ. of Oxford (UK). Archaeobotanical Study of several sites in Iraq. Supervision: Prof. M. Charles

#### *Fix-Term contract*

Jun 6th - Sept 15th 2021

Project KHARAYSIN, CSIC Barcelona (Spain). Archaeobotanical Study of the Neolithic site of Kharaysin, in Jordan. Collaboration: Dr. A. Arranz & Prof. J.-J. Ibáñez

#### *Post-doctoral position*

Mar 1st 2021 - May 31st 2021

Project KEROS, The Cyprus Institute (Cyprus). Archaeobotanical Study of the Bronze Age site of Keros, in Greece. Supervision: Dr. E. Margaritis

### *Laboratory Assistant*

Dec 1st 2019 - Feb 28th 2021

H2020 Twinning Project BIO-PROMISED, The Cyprus Institute (Cyprus). Archaeobotanical Study of several sites in Greece. Supervision: Dr. E. Margaritis & Dr. E. Nikita

### *Fix-Term contract*

Oct 9th 2019 - Nov 12th 2019

Project LARSA-'UWAILI, Nasriyah (Iraq). Processing and Study of the archaeobotanical material from the sites of Larsa-'Uwaili, in southern Iraq.

### *Laboratory Assistant*

Dec 4th 2017 - Feb 28th 2018

Inventory and Repacking the botanical reference material, Natural History Museum of Paris (MNHN). Supervision: Dr. M.-P. Ruas & Dr. C. Bouchaud

### *Conference organisation*

July 3rd - 9th 2016

XVIIth IWGP CONFERENCE, Natural History Museum of Paris (MNHN). Conference management. Supervision: Prof. M. Tengberg

## **RESEARCH ACTIVITIES**

### **ARCHAEOLOGICAL FIELDWORK (4324H)**

#### **Fieldwork in Iraq**

Tell Gomel, Dir: Prof. D. Morandi Bonacossi (Univ. Udine, Italy)	Oct 2023 - Oct 2024
Banahilk and Gird-i Lashkir, Dir: Prof. M. Molist & Prof. A. Gomez-Bach (Univ. Aut. Barcelona, Spain)	Apr 2018 - May 2024
Kunara, Dir: Prof. A. Tenu (CNRS-HAROC, France)	Oct 2022 - Oct 2023
Khinis Wine Press Area, Dir: Prof. D. Morandi Bonacossi (Univ. Udine, Italy)	Oct 2nd - 9th 2022
Larsa and Tell el-'Uwaili, Dir: Dr. R. Vallet (CNRS-IFPO, France)	Oct 2019 - Nov 2023
Gird-i Qala and Logardan, Dir: Dr. R. Vallet (CNRS-IFPO, France)	Oct 2018 - Oct 2019

#### **Fieldwork in Jordan**

JKSH-P52, Dir: Dr. W. Abu Azizeh (IFPO Amman, Jordan)	Jul 2nd 2018 - Aug 1st 2018
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#### **Fieldwork in Turkey**

Aşıklı Höyük, Dir: Prof. M. Ösbaşaran & Dr. G. Duru (Istanbul Univ., Turkey)	Jul 2013 - Sept 2015
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#### **Fieldwork in Cyprus**

Klimonas, Dir: Prof. J.-D. Vigne (CNRS, France) & Prof. F. Briois (EHESS, France)	Apr 2014 - May 2015
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#### **Fieldwork in France**

La Grande Rivoire, Dir: Prof. P.-Y. Nicod and R. Picavet (Univ. Genève, Suisse)	Jul 2012
ZAC de la Carrière Dorée, Dir: S. Robelet (CAD, France)	Jun 2011
ZAC des Béliers, Dir: G. Huelle (Service d'Archéologie de la Communauté d'Agglomération du Douaisis (CAD), France)	Jun 2010

## SURVEYS AND EXPERIMENTATIONS (82H)

<i>Ethnobotanical Study on the exploitation and processing of Sesame</i> in collaboration with S.H. Fatah	Oct 2023
<i>Botanical surveys in Southern Cyprus</i> in collaboration with E. Margaritis and C. Henkel	Jun 2020
<i>Ethnographic study of bedouin settlement at Tell el-Uwaili, southern Iraq</i> in collaboration with R. Abd-el Karim	Nov 2019
<i>Botanical surveys and ethnographic study at Shorsh, northern Iraq</i> in collaboration with C. Padovani	Oct 2019
<i>Experimental harvesting of einkorn wheat at Séranon, S.E France</i> in collaboration with J. Lington and F. Pichon	Jul 2016
<i>Botanical surveys at Kizilkaya, Central Anatolia</i> in collaboration with M. Ergun and M. Tengberg	Aug 2014-2015

## PUBLICATIONS

### PEER-REVIEW ARTICLES

<i>Douché C. &amp; Charles M.</i>	In preparation
"Revisiting the plant economies of ancient Iraq through archaeobotanical evidence". <i>Environmental Archaeology</i>	
<i>Douché C., Arranz-Otaegui A., Zupancich A., Melamed Y., Muñiz J. &amp; Ibáñez J.-J.</i>	submitted
"Exploitation and consumption of legumes during the Early Neolithic at Kharaysin, Jordan". <i>Vegetation History and Archaeobotany</i>	
<i>Tenu A., Chiti B., Marchand F., Achouche I., Floquet J., Seigle M., Douché C. &amp; Kepinski K.</i>	submitted
"Rapport préliminaire sur la neuvième campagne à Kunara (2023)". <i>Studia Mesopotamica</i>	
<i>Radner K., Potts D.T., Squitieri A., Herr J.-J., Douché C., Geiger C., Palmisano A. &amp; Rohde J.</i>	accepted
"Gird-i Rostam in Iraqi Kurdistan, 2019 and 2022: preliminary results of the second and third seasons of excavations". <i>Mesopotamia</i>	
<i>Ibáñez J.-J., Abdo K., Arranz-Otaegui A., Borrell F., Calderón A., Douché C., Iriarte E., Gourichon L., Morquecho A., Muñiz J., Santana J., Teira L.</i>	in press
"The Early Pre-Pottery Neolithic B in the southern Levant: contributions from Tell Qarassa North (Sweida, Syria) and Kharaysin (Zarqa, Jordan)". <i>Paléorient</i>	
<i>Tenu A., Chiti B., Marchand F., Verdelet C., Seigle M., Douché C. &amp; Kepinski K.</i>	in press
"Rapport préliminaire sur la huitième campagne à Kunara (2022)". <i>Studia Mesopotamica</i>	
<i>Ibáñez J.-J., Muñiz J., Abdo K., Teira L., Iriarte E., Arranz-Otaegui A., Douché C. &amp; Gourichon L.</i>	2025
"Architecture in Kharaysin from the Late PPNA to the Middle PPNB". <i>Archaeological Research in Asia</i> 41	
<i>Douché C. &amp; Charles M.</i>	2023
"Investigating fuel for firing pottery at the end of the 3rd mill. BCE : the case of Logardan, northern Iraq". <i>Journal of Archaeological Science - Reports</i> 52 Special Issue, p.104259	
<i>Douché C. &amp; Willcox G.</i>	2023
"Early Neolithic rye exploitation in the Euphrates valley: new evidence from Dja'de el-Mughara". <i>Vegetation History and Archaeobotany</i> 32, p.517-531	

- Molist Montaña, M., Gómez-Bach, A., Zebari Mohamad, A., Breu, A., Sisa, J., Gironès Rofes, I., Monforte, A., Alcántara, R., Domínguez Gluitz, A., Douché, C., García, F., Abdullrahman, H. A., & Sulaiman, A.* 2023  
 Arqueología en el norte del Zagros y valle del Tigris (Kurdistán iraquí). Informes y trabajos. Instituto del Patrimonio Cultural de España, 21, 28-43.
- Vigne J.-D., Cucchi T., Rousou M., Bailon S., Carrère I., Devillers B., Douché C., Gourichon L., Hadjikoumis A., Mylona P., Papayianni K., Parès A., Tengberg M., Zazzo A., Guilaine J. & François Briois* 2023  
 "Historical dynamics of the human-environment interactions in Cyprus during the 10th-8th millennia cal BC: the last 30 years contributions of the Amathous area (Limassol district)", *Journal of Archaeological Science - Reports* 50, ICAS-EMME 3 Proceedings: Archaeological Sciences in the Eastern Mediterranean and the Middle East, p.104049.
- Weide A., Green L., Hodgson J.G., Douché C., Tengberg M., Whittlam J., Dovrat G., Osem Y. & Bogaard A.* 2022  
 "A new functional ecological model reveals the nature of early plant management in southwest Asia", *Nature Plants* 8, p. 623–634
- Douché C., Tsirtsis K. & Margaritis E.* 2021  
 "What's new during the first millennium BCE in Greece? Archaeobotanical results from Olynthos and Sikyon", *Journal of Archaeological Science - Reports* 36, ICAS-EMME 2 Proceedings: Archaeological Sciences in the Eastern Mediterranean and the Middle East, p.102782
- Pichon F., Ibáñez-Estevéz J.-J., Anderson P., Douché C. & Coqueugniot É.* 2021  
 "Harvesting cereals at Dja'de el-Mughara in northern Levant during the EPPNB (9th millennium): new results through microtexture analysis of sickle gloss". In E. Cristiani, A. Zupancich, I. Caricola (eds.), *Quantitative Approaches to Usewear and Residue Analyses (Journal of Archaeological Science – Reports 36, Special Issue)*
- Rousou M., Tengberg M., Parès A., Douché C. & Ergun M.* 2021  
 "Species identification of archaeobotanical fruit remains from *Pistacia* L. Implications for our knowledge on past distribution and use of pistachio in prehistoric Cyprus", *Vegetation History and Archaeobotany* 30.5, p. 623–639
- Vallet R., Baldi J.S., Padovani C., Abd-el-Karim R. & Douché C.* 2020  
 "Preliminary report on the VIIIth and IXth campaigns at Tell el-'Uwaili", *Sumer* 66, p.11-39
- Vallet R., Abd-el-Ali J., Al-Debs R., Bachelot L., Charpin D., Darras L., Douché C., Giraud J., Herr J.-J., Ibrahim C., Lisein J., Murad A., Mura M., Obreja S., Oselini V., Rasool A. & Suire J.* 2020  
 "Preliminary report on the XIVth and XVth campaigns at Larsa", *Sumer* 66, p.133-175
- Molist M., Bradosty Z., Breu A., Sisa J., Alcántara R., Cruells W., Douché C., Mylona P., Arnaiz M., Saña M., Zebari A. & Gómez A.* 2019  
 "New data on the 4th-3rd millennia in Northern Mesopotamia: The ancient occupations at Gird Lashkir in their archaeological contexts", *Paléorient* 45.2, p. 191-206
- Gómez A., Cruells W., Alcántara R., Saña M., Douché C. & Molist M.* 2019  
 "New excavations at Gird Banahilk, a Halafian site in Iraqi Kurdistan: Farmer and herder communities in the Upper Zagros Mountains", *Paléorient* 45.2, p. 53-66
- Douché C. & Willcox G.* 2018  
 "New archaeobotanical data from the Early Neolithic sites of Dja'de el-Mughara and Tell Aswad (Syria): a comparison between the Northern and the Southern Levant", *Paléorient* 44.2, p. 45-57

*Douché C. & Pichon F.*

2018

"Agricultural Strategies at Dja'de-el-mughara, Northern Syria". In Douché C. & Pichon F. (eds.), *From the Caucasus to the Arabian Peninsula: Studying Domestic Spaces in the Neolithic*. Proceedings of the International Conference hold at Paris on October 16- 17, 2015, p.119-149

## ONLINE PAPER

*Douché C.*

2024

"Open Sesame (*Sesamum indicum* L.): exploring its modern and ancient exploitation in Iraq", *Bioarchéologies: sociétés humaines et environnements*. <https://bioarqueo.hypotheses.org/1849>

## BOOK CHAPTER

### Collective book

*Bouchaud C., Boulen M., Decaix A., Douché C. & Matteredne V.*

2023

Du lin sauvage au lin cultivé. In Camilleri A. (ed.) *Le lin, fibre de civilisation(s)*. Actes sud, Paris

*Douché C.*

accepted

Living on a lakeshore during the PPNB: archaeobotanical evidence from Tell Aswad, southern Syria. In Borrell F., Alarashi H. & Healey E. (eds.) *The Neolithic in Syria (SENEPSE)*. Ex oriente e.V., Berlin

## Monograph

*Douché C.*

accepted

Aswad, un village agricole en plein essor : apports de l'archéobotanique (chapter 15). In Sanchez-Priego J. (ed.), *Le village néolithique de Tell Aswad en Damascène, Syrie (PPNB, 8650-7800 BC)*, vol. III: *La vie à Tell Aswad*. CNRS Editions, Paris

*Willcox G. & Douché C.*

accepted

Le milieu naturel moderne de Tell Aswad (chapter 1). In Sanchez-Priego J. (ed.), *Le village néolithique de Tell Aswad en Damascène, Syrie (PPNB, 8650-7800 BC)*, vol. I: *Le village*. CNRS Editions, Paris

*Tengberg M., Willcox G., Rousou M., Parès A., Douché C. & Zazzo A.*

2023

Plant exploitation and vegetation cover at Neolithic Klimonas. In Vigne J.-D., Briois F. (eds.), *Klimonas*. CNRS Editions, Paris

*Ergun M., Tengberg M., Willcox G. & Douché C.*

2018

Plants of Aşıklı Höyük and changes through time: first archaeobotanical results from the 2010-14 excavation seasons. In Ösbaşaran M., Duru G. & Stiner M. (eds.), *The early settlement at Aşıklı Höyük. Essays in Honor of Ufuk Esin*, p.191-218

## Contribution

*Vigne J.-D. & Douché C.*

2024

Domestication des plantes et des animaux: quel rapport ? In Vigne J.-D. (ed.), *La domestication*. CNRS Editions, Paris, p.90-97

## CONFERENCES

### INTERNATIONAL CONFERENCES

#### Organisation

*Workshop during the 13th ICAANE Conference*

May 23rd 2023

Co-organisation with R. Alcantara (Cardiff Univ.) of a Workshop entitled "From villages to cities (10th-1st mill. BC), plant and animal economies in ancient Iraq. What new excavations can tell us?". Organised in the framework of the . International Congress on the Archaeology of the Ancient Near East conference (ICAANE) hold at Copenhagen (Denmark)

### *17th IWGP Conference*

Jul 2016

Co-organisation of the International Work Group for Palaeoethnobotany, hold at Paris (France)

### *Conference Routes de l'Orient*

Oct 16 & 17th 2015

Co-organisation with F. Pichon (Univ. Paris IV) of a conference entitled "From the Caucasus to the Arabian Peninsula: Domestic spaces in the Neolithic", hold at Paris (France)

### **Invited presentations to international conferences**

#### *IWGP Workgroup Plant management & domestication in SW Asia*

Sept 16th 2024

Douché C., Arranz-Otaegui A., Zupancich A., Melamed Y. & Ibáñez J.-J. "Plant exploitation during the PPN: focus on legumes at Kharaysin (Jordan)", organised by A. Arranz, San Sebastian (Spain)

#### *Workshop Bioarchaeology in Mesopotamia*

Feb 29th 2024

Douché C. "Reading seeds: investigating the diversity of plant exploitation in ancient Mesopotamia", organised by Z. Alrawi, A. Göhring & J. Jotheri, online

#### *Conférence ARWA - Archaeology in Action: Bioarchaeology*

Sept 18th 2023

Douché C. "Assessing plant economy of ancient Mesopotamia through archaeobotany: new results from Iraq", organisé par A. Decaix & N. Maaranen, en ligne (<https://www.youtube.com/watch?v=AwhidSnkXGo>)

#### *Workshop Archéologie de la production céramique*

Dec 12th 2022

Douché C. "Archaeobotanical approach to investigate fuel for firing pottery. The example of Logardan, northern Iraq (end of the 3rd mill. BC)", organised by C. Padovani, J. Flahaut & S. Willems, Paris (France)

#### *Symposium Plant exploitation and management during the emergence of farming in SW Asia*

Sept 18th 2021

Douché C. & Willcox G. "Identification and exploitation of rye during the early Neolithic in the Euphrates valley", organised by A. Weide and J. Withlam, online (Oxford)

#### *Conference on Archaeobotany in Greece*

Nov 10th 2020

Douché C. "Interpreting plant remains in sanctuaries: the example of Kalapodi/Abai (C. Greece)", organised by C. Pagnoux, online (Athens)

### **Oral presentations at international conferences**

#### *EXPLO: Exploring the dynamics and causes of prehistoric land use change in the cradle of European farming*

Jan 8th 2025

Ergun M., Charles M., Douché C., Gkatzogla E., Margaritis E., Ntinou M., Stroud E., Tsartsidou G., Bogaard A. "Plant diversity, crops and land use at Neolithic Dispilio", Aristotle University (Greece)

#### *ASOR Conference*

Nov 21 2024

Matney T., M. Shepperson, B. Hartenberger, S. Richardson, Douché C., M. Charles & T. Greenfield, "Rurality in the Neo-Assyrian Imperial Heartland", Boston (USA)

#### *Conference Social Interactions in Mediterranean Prehistory (SIMEP)*

Oct 22 2024

García Suárez A., Aranbarri J., Arranz-Otaegui A., Douché C., Zupancich A., Gourichon L., Jiménez S., Iriarte E., Muñoz J., Portillo M., Mateos A., Teira L. & Ibáñez Estévez J.-J. "Socio-environmental interactions at the early farming village of Kharaysin (Jordan)", Barcelona (Spain)

**BANEA Conference - Session "Archaeology of Iraq and Kurdistan"**

Jan 4th 2024

Douché C. & Charles M. "Food production and consumption during the 3rd and 2nd mill. BCE in Iraqi Kurdistan", Glasgow (Scotland)

**13th ICAANE Conference**

May 23rd 2023

Douché C., R. Alcantara, A. Gomez-Bach & M. Molist "Agro-pastoral economy during the Ninevite V period: the case of Gird-i Lashkir (Erbil plain, Iraqi Kurdistan)", Copenhagen (Denmark)

Douché C. & Charles M. "Assessing the plant economy of southern Mesopotamia through archaeobotany", Copenhagen (Denmark)

Morandi Bonacossi D., Simi F., Coppini C., Douché C. & Forti L. "Wine for the King: wine production for the Assyrian imperial elite at Khinis, ancient Khanusa", Copenhagen (Denmark)

**EAA Conference - Session 359 "Food culture in ancient societies"**

Sept 10th 2021

Douché C., Decaix A., Decruyenaere D., Fathi H., Davoudi H., Berthon R., Tengberg M., Djamali M., Hasanzadeh Y. & Mashkour M. "Animal and plant consumption in NW Iran during the BA: an insight from Aliabad and Qaleh Sardar Bukan", online (Kiel)

**17th IWGP Conference**

Jul 6th 2016

Douché C. "Comparing the Beginning of Agriculture in Northern and Southern Levant: Dja'de el-Mughara and Tell Aswad", Paris

**Conference From the Caucasus to the Arabian Peninsula: Domestic spaces in the Neolithic**

Oct 16th 2015

Douché C. & Pichon F. "Agricultural Strategies at Dja'de el-mughara, Northern Syria", Paris

**LOCAL CONFERENCES & SEMINARS**

**Invited presentations to local conferences & seminars**

**Workshop "Current archaeological research in Iraq"**

Jun 28th 2024

Douché C. "Farming in Lowland Iraq: an archaeobotanical perspective", organised by E. Baudouin & R. Vallet, Nanterre (France)

**Cranfield Virtual Seminar Series in Archaeological Science**

Mar 21th 2024

Douché C. "Farming in Lowland Iraq: new insights from recent archaeobotanical studies", organised by N. Erb-Satullo, Cranfield (UK)

**Seminar Archéorient: Gestion des ressources et adaptation des sociétés de l'Orient ancien**

Feb 21th 2024

Douché C. "Des graines aux villes: le long développement des sociétés agricoles mésopotamiennes", organised by J. CHahoud, J.S. Baldi & S. Gondet, Lyon (France)

**Seminar ADG**

Mar 7th 2023

Douché C. "Early Neolithic societies and plant management in the Levant: an archaeobotanical overview from Dja'de el-Mughara, Tell Aswad and Kharaysin", organised by M. Ergun & M. Rahman, Oxford (UK)

**Seminar ASD, CSIC-IMF**

Dec 21th 2022

Douché C. "Assessing diachronic changes in the plant economy of ancient Mesopotamia. An archaeobotanical perspective from several Iraqi sites", organised by J.-J. Ibanez, Barcelona (Spain)

*Archaeology and Conservation Research Seminar Series* Nov 3rd 2022  
Douché C. "Plants in ancient Iraq: what can we learn from archaeobotany?", organised by R. Alcantara, Cardiff (UK)

*Journée d'étude Chaînes opératoires des pratiques d'élevage et de culture en Égypte et en Mésopotamie au IIIe millénaire av. J.-C* Jul 7th 2022

Douché C. "Économie végétale de la Mésopotamie du IIIe millénaire. Apport des études archéobotaniques en Irak", organised by G. Chambon & A. Tenu, Nanterre (France)

*Congress for early career researcher in history of art & archaeology: workshop 3* Oct 21th 2021  
Douché C. "L'archéobotanique : prenez-en de la graine !", Paris (France)

## **Oral presentation**

*GRAMPO-SAPPO Seminar Series* Mar 16th 2024  
Molist M., Sisa J., Dominguez-Glultz A., Garcia-Ramis F.-X., Douché C., Alcantara R. "Gird-i Lashkir: A Ninevite Site in the Erbil Plain", organised by M. Molist & A. Gomez-Bach (Spain)

*Seminar ADG* Jun 8th 2022  
Douché C. "Do grains makes the difference ? Preliminary results on the plant economies during the development of urban societies in Mesopotamia", organised by E. Stroud & A. Holguin, Oxford (UK)

*MSc Valorisation et Médiation du Patrimoine Archéologique (Univ. Paris 1)* Nov 13th 2020  
Douché C. & Pichon F. "Archéologie de l'agriculture", online (Paris)

*Conference at the French Institut for Anatolian Studies (IFEA)* Nov 11th 2019  
Douché C. "Do grains make the difference? Plant economies during the development of urban societies in Upper and Lower Mesopotamia", Istanbul (Turkey)

*Journée doctorale de l'ED112* May 20th 2015  
Douché C. "«(R)évolution agricole» au Néolithique proche-oriental : quelle réalité? Exemples de Dja'de el-mughara et Tell Aswad (Syrie)", Paris (France)

*EAA Conference* Sept 11th 2014  
Douché C., Ergun M., Parès A. & Tengberg M. "Exploitation and Use of pistachio in the Neolithic Near East", Istanbul

## **Poster Presentation**

*19th IWGP Conference* Jun 13-17th 2022  
Douché C. & M. Charles "Evolution of agriculture and development of cities in Mesopotamia. New archaeobotanical investigations in Iraq", České Budějovice (Czech Republic)

Margaritis E., Cizer Ö., Douché C. & K. Tsirtsi "From field to fork: plant acquisition, preparation and consumption at Early Bronze Age Dhaskalio (Cyclades, Greece)", České Budějovice (Czech Republic)

*18th IWGP Conference* Jul 6th 2019  
Douché C. "Late Natufian and Early Neolithic rye exploitation in the Euphrates valley. New evidence from the Aceramic Neolithic site of Dja'de el-mughara", Lecce (Italy)

## *ICAANE Conference*

Jun 9-13 2014

Douché C. "Plants use at PPNB site of Tell Aswad, Southern Syria", Basel (Switzerland)

## *16th IWGP Conference*

Jun 17-22 2013

Douché C., Willcox G. & Tengberg M. "Preliminary archaeobotanical results from Tell Aswad: an Early Neolithic Site in Southern Syria. Excavations 2001-2007", Thessaloniki (Greece)

## **REPORTS**

*Douché C. & M. Charles*

Nov 2024

Preliminary archaeobotanical results from Sebittu (sites #275 and #290). In Matney T. (ed.) Final Report on Surveys and Excavations of the Sebittu Project 2024. Erbil : Directorate of Antiquities

*Douché C. & Halko Fatah S.*

Oct 2024

Preliminary archaeobotanical results from Gir-e Gomel 2024. In Morandi Bonacossi D. (ed.) The Italian-Kurdish excavations at Gir-e Gomel in the Kurdistan Region of Iraq. Preliminary report on the 2024 field season. Department of Antiquities of Duhok,

*Douché C. & M. Charles*

Oct 2024

Preliminary archaeobotanical results from Girsu (samples collected in Area F, in 2019). In Rey S. & T. Greenfield (ed.) Report on the 2024's field season at Girsu/Tello. Baghdad : State Board of Antiquities and Heritage (SBAH)

*Douché C.*

Nov 2024

Preliminary archaeobotanical results from Gird-i Lashkir during the excavation campaign 2024. In Molist M. (ed.) Tell Lashkir 2024: sector 3. Erbil : Directorate of Antiquities

*Douché C.*

Nov 2023

Preliminary report on the plant material recovered at Larsa-'Uwaili in November 2023. In Vallet R. (ed.) Preliminary Short report on the results of the XIXth campaign at Larsa and the XIth campaign at tell el 'Uwaili. Nasiriyah : State Board of Antiquities and Heritage, p.22-23

*Douché C.*

Oct 2023

Preliminary archaeobotanical results from the 2023 season at Kunara. In Tenu A. (ed.) Preliminary Short report on the results of the Xth campaign at Kunara, p.1-6

*Douché C.*

Oct 2023

Report on the preliminary archaeobotanical results from Gir-e Gomel. In Morand Bonacossi D. (ed.) The Italian-Kurdish excavations at Gir-e Gomel in the Kurdistan Region of Iraq. Preliminary report on the 2023 field season. Department of Antiquities of Duhok, p.1-3

*Douché C.*

May 2023

Preliminary report on plant remains during fieldwork at Gird-i Lashkir 2023. In Molist M. (ed.) Preliminary report on the 2023 field season at Gird-i Lashkir, Erbil (Iraqi Kurdistan), p.1-2

*Douché C.*

Dec 2022

Preliminary report on archaeobotanical data from Tell Zeyd, northern Iraq. In Tonghini C. (ed.) First campaign at Tell Zeyd (Duhok, Iraqi Kurdistan), University Ca 'Foscari of Venice

*Douché C.*

Nov 2022

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Preliminary archaeobotanical results from the 9-8th millennium settlement of Kharaysin, NW Jordan. In Ibanez J.J. (ed.), *Report on the 2021 season at Kharaysin, Jordan*.
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Archaeobotanical report of Tell Lashkir and Bana Hilk 2019. In Molist M. (dir.), *Tell Lashkir : informe científico de la campaña 2019*. Barcelona: UAB
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Résultats de la fouille du secteur B3. In Abu-Azizeh W. et Tarawneh M. (dir.), Mission archéologique du Sud-Est Jordanien. Compte-rendu de la campagne de Juillet. Amman : Ministère des affaires étrangères

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May 2018

Dar Grdal Vegetation. In Lemée M. et Mashkour M. (dir.), Bijan/Halaweja and Dar Grdal (Iraqi Kurdistan), preliminary soundings. Mission Archéologique Française du Gouvernement de Soulaïmaniah. Paris : Ministère des affaires étrangères

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May 2018

Archaeobotanical report of Tell Lashkir 2018. In Molist M. et Gomèz A. (dir.), Tell Lashkir : informe científico de la campaña 2018. Barcelona: UAB

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Sept 2015

Archaeobotanical report of Aşıklı Höyük 2015, Aksaray (Central Anatolia, Turkey). In Özbaşaran M. et Duru G. (dir.), Aşıklı Höyük, Ora Anadolu'nun En Eski Köyü, Istanbul University

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Sept 2015

Rapport archéobotanique de Dja'de el-mughara (Syrie)". In Coqueugniot É. (dir.), Rapport scientifique 2015. Lyon : Ministère des Affaires étrangères

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Sept 2014

Rapport archéobotanique de Dja'de el-mughara (Syrie). In Coqueugniot É. (dir.), Rapport scientifique 2014. Lyon : Ministère des Affaires étrangères

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May 2014

Rapport archéobotanique de Klimonas (Limassol, Chypre). In Briois F. et Vigne J.-D. (dir.), Rapport de fouille intermédiaire 2014. Athènes : Ministère des Affaires étrangères

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Sept 2013

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## COLLECTIVES RESPONSABILITIES

### RESEARCH ACTIVITIES

*IWGP Work Group on Early Plant Management and Domestication in SW Asia*

2024

Creation of an international research group for the study of origin & development of plant exploitation domestication, in collaboration with A. Weide, J. Whitlam, A. Arranz-Otaegui, C. Belli, M. Ergun, C. Kabukcu & M. Ramsey.

### ASSOCIATIVE ACTIVITIES

*Association Internationale ARWA*

2020-2021

Responsible for the collection and diffusion of scientific contents about archaeological research in SW Asia (<https://arwa-international.org/>)

*Association Routes de l'Orient*

2012-2018

Various outreach activities (photo exhibitions, activities for schools, conference, editing etc.) centered on archaeology in SW Asia ([rdorient.hypotheses.org](http://rdorient.hypotheses.org)). Head of communication between 2012 and 2014

## OUTREACH ACTIVITIES

### Activities in Iraq

#### *Interview for France TV*

Oct 2024

Interview on archaeobotanical research in Iraq, in the framework of a documentary on Neo-Assyrian and the use of water, Akre.

#### *Exhibition and conference on Archaeobotany*

May 2024

Photo exhibition and conference to present new archaeobotanical research carried out in Iraq hold at the French Institute (IFPO), Erbil.

### Activities in United Kingdom

#### *Podcast "Thin End of the Wedge" (1h)*

Jul 2024

Invited by J. Taylor to present new archaeobotanical studies carried out in Mesopotamia (<https://www.wedgepod.org/>).

#### *Festival of Archaeology at the Ashmolean Museum (8h)*

Jul 23rd 2023

Free Family Activities linked to the special exhibition "Labyrinth" hold at the Ashmolean Museum of Oxford and centered on discoveries from the archaeological site of Knossos in Greece.

#### *Celebration of the 400th Anniversary of the Botanic Garden (5h)*

Jul 25th 2022

Presentation of ancient crops and crop processing activities at the Botanic Garden of Oxford. In collaboration with J. Whitlam, E. Stroud and T. Roushannafas

### Activities in Cyprus

#### *Archaeology of Agriculture (3h)*

Apr 2nd 2021

Presentation and workshop on early farming practices in a class of primary grade at the French School of Nicosia, S. Cyprus

#### *Researchers' Night (24h)*

Nov 2020

"What's for dinner?" Online presentation and workshop (due to Covid-19) on the evolution of foodways in Cyprus, based on plant and animal archaeological remains. In collaboration with K. Tsirtsis, A. Spyrou, C. Henckel and E. Margaritis

#### *STARC ArchSci Classroom Activities*

Oct 2020

Book chapter for a guide dedicated to cypriot teachers, aiming at presenting various archaeological disciplines

### Activities in France

#### *Feast of Science (10h)*

9 & 10 Oct 2021

Family Activities including "Archaeological Excavation" and "History of plants", hold at the Museum d'histoire naturelle de Paris. In collaboration with K. Debue, C. Bouchaud, A. Decaix and D. Decruyenaere

#### *Past and Curious Youtube Channel*

2020-2021

Creation of a short scientific cartoon "Focus on Neolithic Agriculture" aiming at presenting the results from the archaeobotanical and use-wear analysis carried out on the Neolithic site of Dja'de el-Mughara, N. Syria. In collaboration with F. Pichon and the association Past and Curious ([https://www.youtube.com/watch?v=egt\\_CcFSzIA](https://www.youtube.com/watch?v=egt_CcFSzIA))

## TEACHING EXPERIENCE

### Teaching at University

#### *Training in Archaeobotany*

May 2024

Theoretical and Practical training in Archaeobotany for students and archaeologists, Collaboration with Salahaddin University, the Museum of Civilisations and the Iraqi Institute for the conservation, Erbil

#### *ARWA Online Academy*

Sept 17 & 24 2022

Online Lectures (2x1h30) on "Introduction to Archaeobotany" aiming at presenting the main questions and goals, the methods from the field to the lab and case studies for micro and macro-botanical remains. In collaboration with A. Decaix (<https://www.youtube.com/watch?v=AuEyYwUK2Oo>)

#### *Training for Iraqi and afghan archaeologists*

2016-2019

Presentation and practical training in archaeobotany (3x2h), hold at the Museum d'histoire naturelle de Paris. In collaboration with M. Tengberg and C. Bouchaud

#### *Master Quaternaire et Préhistoire (QP32)*

2015-2017

Practical training on "Anatomical and Taxonomical Diversity in Archaeobotany" (3x3h). In collaboration with M. Tengberg

### Supervision of master students

#### *R. Zhang et Y. Teng, Univ. Oxford. Co-supervision with Prof. M. Charles*

2024-2025

Archaeobotanical initiation in the framework of the Master in Archaeological Science

#### *M. Jacquet, MNHN, Paris (France). Co-supervision with Dr. C. Pagnoux*

2023-2024

Archaeobotanical study of the material from Tell Zeyd, Irak (ottoman period, XVIIIth cent. AD)

#### *S. Halko Fatah, Salahaddin Univ, Erbil. Co-supervision with Dr. A. Kh. Kamil*

2020-2023

Archaeobotany and Archaeology: study of selected sites in Kurdistan

### Examination at University

#### *MSc in Biodiversity, Ecology and Evolution (Master 2)*

Aug 2023

L. Dulong "Origine et évolution de la culture des blés nus sur le plateau Iranien et dans le sud du Caucase du Néolithique à l'âge du Bronze"

#### *MSc in Biodiversity, Ecology and Evolution (Master 1)*

Sept 2021

F. Guyot "Cueillir et cultiver dans les premiers villages du delta du Nil. État de la recherche sur l'exploitation des ressources végétales sauvages et domestiques en Basse Égypte aux Ve -IVe millénaires"

#### *MSc in Biodiversity, Ecology and Evolution (Master 2)*

Sept 2020

C. Kabboul "Naissance et développement de l'agriculture au Néolithique libanais"

### Teaching for high school students

#### *Oxbridge Program Summer School (3h)*

Jul 15th 2023

Theoretical and practical course entitled "Digging deeper to find seeds" aiming at presenting archaeobotany to american students

#### *Residential Summer School Program UNIQ (3h)*

Jun 28th 2022

Theoretical and practical course entitled "Reconstructing prehistoric farming activities through archaeobotany" aiming at presenting archaeobotany to british students from state schools

## LANGUAGE

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English



Spanish



Kurdish (sorani)



Turkish



Arabic



Greek

