

FAIR Phytoliths Data Assessment Final – Europe

1. Data-collectors-name

- ☐ Emma Karoune
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- ☐ Javier Ruiz-Pérez
- ☐ Marco Madella
- ☐ Céline Kerfant

2. Journal-name

- ☐ Acta Archaeologica
- ☐ American Journal of Botany
- ☐ American Journal of Physical Anthropology
- ☐ Annals of Botany
- ☐ Antiquity
- ☐ Archaeological and Anthropological Science
- ☐ Biogeochemistry
- ☐ Biogeosciences
- ☐ Botanical Studies
- ☐ Chemical Geology
- ☐ Climate of the Past
- ☐ Earth-Science Reviews
- ☐ Environmental Archaeology
- ☐ Flora
- ☐ Frontiers in Ecology and Evolution
- ☐ Frontiers in Plant Science
- ☐ Functional Ecology
- ☐ Genesis and Geography of Soils
- ☐ Geobios
- ☐ Geochimica and Cosmochimica Acta
- ☐ Geoderma
- ☐ Geosciences
- ☐ Industrial Crops and Products
- ☐ Interdisciplinaria Archaeologica
- ☐ International Journal of Conservation Science
- ☐ Journal of Archaeological Science
- ☐ Journal of Archaeological Science Reports
- ☐ Journal of Arid Environments
- ☐ Journal of Biogeography
- ☐ Journal of Ethnobiology
- ☐ Journal of Experimental Botany
- ☐ Journal of Islamic Archaeology
- ☐ Journal of Plant Nutrition and Soil Science
- ☐ Nature
- ☐ Nature Scientific Reports
- ☐ New Phytologist
- ☐ Palaeogeography, Palaeoclimatology, Palaeoecology
- ☐ PeerJ
- ☐ Physical Anthropology

- ☐ Plant Soil
- ☐ Plants (MDPI)
- ☐ PLOS One
- ☐ PNAS
- ☐ Préhistoires Méditerranéennes
- ☐ Proceedings of the National Academy of Sciences, India
- ☐ Quaternary
- ☐ Quaternary International
- ☐ Quaternary Research
- ☐ Quaternary Science Reviews
- ☐ Review of Palaeobotany and Palynology
- ☐ SAGEopen
- ☐ Science of the Total Environment
- ☐ Section Soils
- ☐ Silicon
- ☐ Sprawozdania Archeologiczne
- ☐ The Holocene
- ☐ TRENDS in Plant Science
- ☐ Vegetation History and Archaeobotany
- ☐ Bulletin of the Geological Society of Finland
- ☐ Eurasian Soil Science
- ☐ Journal of Paleolimnology
- ☐ International Multidisciplinary Scientific GeoConference : SGEM

3. Full-Reference-APA

4. Year (first published online)

- ☐ 2020
- ☐ 2019
- ☐ 2018
- ☐ 2017
- ☐ 2016

5. Period/Date (archaeology and palaeoecology or modern for other studies)

6. Type-of-study

- ☐ Archaeological
- ☐ Ecology
- ☐ Geochemical
- ☐ Methodological – ethnographic
- ☐ Methodological - extraction method
- ☐ Methodological – isotopes
- ☐ Methodological - modern reference
- ☐ Methodological – morphometric

- ☐ Methodological – radiocarbon
- ☐ Methodological – taphonomy
- ☐ Palaeoecology
- ☐ Palaeontology
- ☐ Plant Physiology

7. Geographic-location (use <https://www.geonames.org/> for country name)

8. Open-access-article

- ☐ Yes
- ☐ No

9. Journal-type

- ☐ Open
- ☐ Hybrid
- ☐ Closed

10. What-article-repository

- ☐ arXiv
- ☐ bioRxiv
- ☐ EarthArXiv
- ☐ EcoEvoRxiv
- ☐ F1000 Research
- ☐ Figshare
- ☐ OSF Preprints
- ☐ Palaeorxiv
- ☐ PeerJ Preprints
- ☐ Preprints.org
- ☐ University or Institution repository
- ☐ WikiJournal Preprints
- ☐ Zenodo
- ☐ None- Gold access
- ☐ None - not open access

11. Is it available in sign up repository?

- ☐ Research gate
- ☐ Academia
- ☐ Not available
- ☐ Both Researchgate and Academia

12. Processing-method-communication

- ☐ No method reported
- ☐ Summary of method
- ☐ Full protocol in text/supplementary files

- ☐ Full protocol in repository with DOI
- ☐ One reference to specific protocol
- ☐ One reference to generic ref or multiple references
- ☐ Link to Protocol.io

13. Counting-method-is-replicable

- ☐ Yes
- ☐ No

14. Instruments-used-described

- ☐ Yes
- ☐ No

15. Nomenclature used

- ☐ ICPN 1.0
- ☐ ICPN 2.0
- ☐ Other lab specific nomenclature to be added as we go
- ☐ None specified/not clear

16. Have they used it fully?

- ☐ Yes
- ☐ No
- ☐ Not used

17. Data-location

- ☐ No data (includes graphs)
- ☐ Data in text of article
- ☐ Data in supplementary file
- ☐ Data in repository without DOI
- ☐ Data in repository with DOI

18. What-data-repository

- ☐ Archaeological Data Service
- ☐ Code Ocean
- ☐ Dataverse
- ☐ Dryad
- ☐ Figshare
- ☐ GitHub
- ☐ Mendeley Data
- ☐ Neotoma
- ☐ Open Context
- ☐ Open Science Framework
- ☐ Pangaea
- ☐ Project specific repository
- ☐ tDAR
- ☐ University or Institution repository

- ☐ Zenodo
- ☐ None

19. Data-type

- ☐ Raw counts + processing weights
- ☐ Raw counts
- ☐ Presence/absence
- ☐ Relative presence/percentages
- ☐ Mean or ranges
- ☐ Summary data - plant groupings
- ☐ Unclear what is presented
- ☐ No data provided in a table - only graph
- ☐ No data provided

20. Data-format

- ☐ No data table
- ☐ Table in the text of the article
- ☐ .pdf
- ☐ .doc
- ☐ .xlsx
- ☐ .csv

21. Data-availability-statement

- ☐ None
- ☐ Data on request
- ☐ All data included
- ☐ Dataset link to repository with DOI
- ☐ Data paper with DOI

22. Data-license

- ☐ Data not in repository
- ☐ No license
- ☐ All

23. Statistical-software-used

- ☐ None
- ☐ SPSS
- ☐ C2
- ☐ PAST
- ☐ Excel
- ☐ Google sheets
- ☐ CANOCO
- ☐ R
- ☐ Python
- ☐ Others

24. Other comments