FAIR Phytoliths Data Assessment Final - South America

1. Data-collectors-name

- ☐ Emma Karoune
- ☐ Carla Lancelotti
- ☐ Juanjo García-Granero
- ☐ Javier Ruiz-Pérez
- ☐ Marco Madella
- ☐ Céline Kerfant

2. Journal-name

- ☐ American Journal of Botany
- ☐ Annals of Botany
- ☐ Antiquity
- ☐ Archaeological and Anthropological Science
- ☐ Australian Journal of Botany
- ☐ Biogeosciences
- ☐ Botanical Journal of the Linnean Society
- ☐ Botanical Studies
- ☐ Catena
- ☐ Chemical Geology
- ☐ Climate of the Past
- ☐ Earth-Science Reviews
- ☐ Environmental Archaeology
- ☐ Flora
- ☐ Frontiers in Ecology and Evolution
- ☐ Frontiers in Plant Science
- ☐ Functional Ecology
- ☐ Geochimica and Cosmochimica Acta
- ☐ Geoderma
- ☐ Geosciences
- ☐ Global and Planetary Change
- ☐ Journal of Archaeological Science
- ☐ Journal of Archaeological Science Reports
- ☐ Journal of Biogeogrpahy
- ☐ Journal of Experimental Botany
- ☐ Journal of Plant Nutrition and Soil Science
- ☐ Journal of South American Earth Sciences
- ☐ Lethaia
- ☐ Nature
- ☐ Nature Scientific Reports
- ☐ New Phytologist
- ☐ Palaeogeography, Palaeoclimatology, Palaeoecology
- ☐ PeerJ
- ☐ Plant Soil
- ☐ Plants (MDPI)
- ☐ PLOS One
- ☐ PNAS
- ☐ Proceedings of the National Academy of Sciences, India
- ☐ Quaternary International

☐ Quaternary Research
☐ Quaternary Science Reviews
☐ Review of Palaeobotany and Palynology
☐ Revista Brasileria de Paleontologia
☐ Science of the Total Environment
☐ Silicon
☐ The Holocene
☐ TRENDS in Plant Science
☐ Vegetation History and Archaeobotany
☐ ACI Avances en Ciencias e Ingenierías
☐ Ameghiniana
☐ Revista Ambiência
☐ Cadernos do LEPAARQ
☐ Boletín de la Sociedad Argentina de Botánica
☐ Soil & Tillage Research
☐ Nature Ecology & Evolution

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
☐ .xslx
☐ .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