

FAIR Phytoliths - FAIR Assessment data categories - trial

	Category name	Codes and explanation	Comments from trial
General	Journal name	Full name of journal	Make a click down list and add to this so that we are all using the same names
	(Author) Reference APA	All authors	First author et al? Or full list needed? Surname
	Year	Year (first published online)	
	Title of article - delete	Full title	
	DOI of article	DOI code	
	Period/Date	Archaeology or palaeoecological studies only - date range/period given (use a standard method for this)	Need to look for a commonly used method - ARIADNE project? This is used for British vocab - http://www.heritage-standards.org.uk/fish-vocabularies/ Modern for others Keep as an open categories - maybe geological dates - Early holocene/mid holocene etc. <ul style="list-style-type: none"> Just add what is in the paper

	Type of study	Archaeological Geochemical Ecology Methodological - modern reference Methodological - morphometric Methodological - ethnographic Methodological - extraction method Methodological - taphonomy Methodological - radiocarbon Palaeoecology Palaeontology Plant Physiology	Need to add as missing from form - are all the types here? Make this multiple choice
	Geographic location of study material	Use Geonames for country name (https://www.geonames.org/)	If it is more than one country it needs to have a comma between
Findability	Data location	No data - description in text only Graph only Table in text Supplementary file Repository with DOI	No data Data in article Data in supplementary Data in repository Move next to data type qu
	Data availability statement	None Data on request Indicates data in the article/supplementary files Link to dataset in a repository with DOI Data paper with DOI	Need to add - Yes but only mentions physical materials/not applicable to data or have other? Just about data - no other materials
Accessibility	Gold open access of article	Yes No	Merge these into: Article-open-access Gold Green- pre-print Green - post-print None
	Green open access of article	Yes - pre-print Yes - post-print	

		No	Not including RG and academia Check using unpaywall first: https://unpaywall.org/
	Journal type? To add	Open Hybrid	
	What repository for green access article What article repository	Zenodo OSF Fig share	Add N/A - would include those that are not open access and also those that are gold.
	Is it in a signed up repository? RG or Academia?	Research gate Academia	
	Repository data - what repository	Zenodo Open Science Framework Neotoma Pangaea Dryad tDAR ADS Open Context Figshare Dataverse Mendeley	Add N/A
Interoperability	Nomenclature-stated	ICPN 1.0 ICPN 2.0 Add names Not specified	

		Other nomenclature	
	Have they used the nomenclature fully? (no adaptations or the adaptations are fully described)	Yes No	Make a list for finding the use correctly for 1.0 and 2.0. And mark in the comment what marker misuse prompted the no response
	Pictures/photos of identifications	No identification pictures/photos Some pictures All identifications have pictures/link to description - reference given or in text All identifications have pictures/link to description - in supplementary file All identifications have pictures/link to description - repository link	Check morphotypes in the picture and then check no of photos None Only significant ones All
Reusability	Data type	Raw - counts, weights from processing Absolute presence Relative presence/percentages Mean or range Summary data - plant groupings Unclear what is presented/provided No data provided in a table - only graph No data provided	Change absolute presence to presence/absence
	Data format	No data In text of article Pdf Word Excel Csv	

	Processing method communication	Described in text - no references One reference Multiple references Full protocol in supplementary files Full protocol in repository	Just summary of method Full protocol in the text/supplementary One reference to specific protocol One reference generic ref/Multiple reference
	Name of extraction method	SPT Katz To add more	Do we need this?
	Is counting method replicable	Yes No	How many phytoliths counted? Number phytoliths per slide Single celled and multicelled Does it include unidentified in the count Morphometric method included
	Instruments used described	Yes No	Must have magnification Needs the type of microscope Does not need actual microscope details
	Statistical package used methods used	We need to add the common methods used/packages? PCA	None SPSS C2 PAST Excel Google sheets CANOCO R Python
	Data license	Data not available = not in repository No license	Should we include license from article? As open access article have CCBY and

		CC-0 CC BY	that applies to all in the article including the data?
	Other comments	Free text box to add any extra comments	

Add software packages used?