

Topic: Review action items related to geological context data

Date: 2022 June 14

Time: 12 PM Eastern

In Attendance

Lindsay Walker, Symbiota	Holly Little, NMNH	Ben Norton, NCMNS
Roger Burkhalter, Sam Noble Museum	Carrie Eaton, UWGM	Jessie Nakano, NMNH
Jessica Utrup, YPM	Christina Byrd, MCZ	Ian Engelbrecht, NSCF South Africa
Vicky Wang, PRI	Talia Karim, CUMNH	

Resources

- Paleo Data Working Group [Google Folder](#)
- Paleo Data Working Group [wiki page](#) with schedule of upcoming Happy Hours
- [Slides for today](#)
- [Geological Context Working Document](#)

Quick Search “just” dwc:formation; instances

Term=	# reps	# Instances
NULL	36,992	2,154,383,225
"fm", "Fm" or "FM"	3,833	645,900
"Formation"	5,608	1,151,125
"shale"	714	77,990
"shales"		129
		2,442
"limestone"	1,499	150,572
"limestones"		33
		504

"clay"	152	7,916
"clays"	23	779
"marl"	172	17,789
"marls"	37	1,079

Agenda

- Recap
- Questions for aggregators, primarily GBIF
- Vocabulary review - Unique value lists
- Community resources and guidelines
- Path forward

Action Items

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Notes

- Do we want to include abbreviations within values, e.g. "Fm" for "Formation"?
- Making terms searchable in GBIF requires looking at iDigBio portal
- Today: Lithostratigraphy (Next: Chronostratigraphy)
- End goal is a white paper, like Wikidata
- ETE: [Evolution of Terrestrial Ecosystems \(ETE\) | Smithsonian National Museum of Natural History](#)
- Ben:
 - Units can change at political boundaries
 - Not a fan of abbreviations
 - Chronostrat should be less all over the place, but is...
 - <https://github.com/tdwg/dwc-qa/tree/master/data/GBIFDistinctValues/2022-03-08>
 - https://github.com/tdwg/dwc-qa/blob/master/data/GBIFDistinctValues/2022-03-08/GBIF_distinct_earliestEonOrLowestEonothem_2022-03-08.csv
- Ian: How to standardize down to state
 - Christina: <https://www.kgs.ku.edu/General/Strat/Chart/index.html>
- Need a place to record verbatim
 - and lithostratigraphicTerms
- Rock type?
 - Roger has a controlled vocabulary

Recommendations/Questions for Aggregators

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Vocabulary

- GBIF unique value lists:
<https://github.com/tdwg/dwc-qa/tree/master/data/GBIFDistinctValues/2022-03-08>
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