Topic: Darwin Core Review
Date: 2024 November 14
Time: 12 PM Eastern

In Attendance

Suzanne Mills, Carnegie MNH IP		Chrissy Garcia, Stanford
Alex Lawrence, NMNH	Erica Krimmel	Ben Norton
Holly Little, NMNH	Amanda Millhouse, NMNH	Talia Karim, CUMNH
Roger Burkhalter, Retired Sam Noble Museum	Alejandra Martinez-Melo, ANSP	Janaki Krishna, Utah
Nicole Neu-Yagle, DMNS	Nicole Volden, NM	Jessica Utrup, YPM
Andrea Thomer, U Arizona	Jessie Nakano, NMNH	
Natalia Lopez Carranza, KUMIP	Indah Badriyyah Huegele	
Christina Byrd, MCZ	Adam Kowalczyk	

Resources

- Paleo Data Working Group Google Folder
- 20241114_paleo-happy-hour_slides
- Implementation Guide - DwC for Paleo - DRAFT

Agenda

- Updates/News
- Overview of previous PDWG DwC reviews and discussions
-

Action Items

- IPT for data mapping explanation HH?

Notes

- From Ben:
  - Latimer Core Guide https://ltc.tdwg.org/quick-reference/index.html
  - Digital Open Specimen Term List: https://terms.dissco.tech/digital-specimen-terms

- Community Approach:
    - Freshwater publishing guide as a reference (gbif context, but DwC terms)
    - Make our own recommendations for paleo in the same framework
- Recap of what we have done to prepare for DwC work
- Gaps in DwC were identified in discussions but not yet finalized
- Challenges:
    - Work done in different conversations/places
        - To be consolidated
    - What types of info do we want to include in our guide?
    - Who actually controls the mapping of your database (IT Personnel may not understand)
    - Terms that don't translate (ie: recorded by)
- Action Plan to implement a DwC Guide
    - Additional HHs?
    - Update existing term or propose new terms
    - 1. Full review of all DwC Terms
        a. Gather input from PDWG
        b. Create new mapping guidance
        c. Identify challenges or gaps
    2. Compilation of previous discussions into a comprehensive plan
    3. Design and development of implementation guide
        a. Alongside other resources that support knowledge sharing about publishing fossil specimen data in the "Knowledge Hub"
    4. Proposal of new terms or updates to existing terms through TDWG
        a. Grant team meeting with TDWG next week
        b. Holly and Ben recently appointed TDWG Earth Sciences and Paleobiology (ESP) Interest Group co-conveners
    5. Evaluation of GBIF data model and alignment with fossil specimen data needs
- Other Resources to accompany the guide:
    - CSV of what the database looked like before being translated to DwC terms
        - **Templates!** For better data recording practices
        - With example records!
- Opening the black box of old fields and what they correspond to with historic data
        - Ideal to have a list of what we are actually recording
        - How to deal with legacy data?
- What IPT mapping needs? (HH idea)
- Interest in what to revisit in future HHs
    - Localities and geography – we have done a lot of leg work but not recommended to TDWG
    - Counting [Amanda not volunteering]
        - Relationships discussion can shed a new light

- Ben: Mineralogy Extension
    - Draft done
    - Mineralogy terms sent to experts for review, then will present here to PDWG
    - Role between relationships able to be defined
    - Ranking terms to be adopted into DwC from the community
- Suzanne's quote of the day, about the format of the DwC Quick Reference Guide, "it's like the assignment is to write an essay and the tool you have is a dictionary."
    - Dictionary is only useful if we know what we want to look up.
    - Need a search tool? Implementation examples
    - Steps to translate datasets
        - first 5-10 terms to tackle first
        - Status: Most critical to translate
    - Researchers may have a barrier to entry–GBIF offered a specific download template related to Paleo
- Pathways for resources based on needs
- Resources for writing documentation? [Andrea Thomer]
    - https://www.protocols.io/
    - Simplest guidelines are the best (Google Doc or spreadsheets)
    - Include examples
- Translations – multilingual standards

Post Happy Hour input

Add Term specific feedback here: Implementation Guide - DwC for Paleo - DRAFT

- Add thoughts about implementation guide or other DwC resources
    - Name: Feedback
    -
- Add general feedback, questions etc. for DwC
    - Name: Feedback
    -
- Add Class level (e.g. geologicalContext) feedback for DwC
    - Name: Feedback
    -

Chat Copy

12:06:21 From Alex Lawrence : Shared Notes for Today
12:08:28 From Ben Norton : There's a new design that's being reconciled with recent changes to the dwc pages. https://ltc.tdwg.org/quick-reference/index.html
12:10:13 From Erica Krimmel : Ben, is this LtC page the new design and the DwC page will be updated to use the same?

12:12:00 From Ben Norton : Great question. I think we're moving that direction, but its much easier to adopt a new design when starting from scratch. LtC and openDS are using the new design. MIDS will too when it launches.
12:12:13 From Ben Norton : openDS https://dev.terms.dissco.tech/digital-specimen-terms
12:13:28 From Erica Krimmel : Reacted to "Great question. I th..." with 👍
12:19:14 From Erica Krimmel : That spreadsheet is here: https://docs.google.com/spreadsheets/d/1RoZXAoj5LNFjokMUREKLcpepgX7LugpVWY9PcNePscA/edit?gid=619704099#gid=619704099
12:26:28 From Erica Krimmel : Duke?
12:27:24 From Alejandra Martinez-Melo : That would be helpful for me too
12:27:30 From Talia S. Karim (She/Her) : Reacted to "That would be helpfu..." with 👍
12:27:31 From Suzanne Mills : Reacted to "That would be helpfu..." with 👍
12:31:39 From Suzanne Mills : Great idea Holly - Paleo people to IT
12:32:44 From Ben Norton : Has anyone used the simple templates here: https://github.com/tdwg/dwc/tree/master/dist ?
12:35:34 From Suzanne Mills : that would be a good topic. I agree with Alejandra
12:36:01 From Natalia Lopez Carranza : Who manages their own IPTs?
12:36:26 From Christine Garcia : Cal Academy manages their own IPT. The main point of contact is Jon Fong
12:36:42 From Suzanne Mills : Replying to "Has anyone used the ..."

I didn't know these existed!
12:36:49 From Talia S. Karim (She/Her) : We use VertNet's now, but I still manage my data on the IPT
12:36:56 From Suzanne Mills : Replying to "Has anyone used the ..."

The missing part of this is what the database looked like before
12:41:01 From Ben Norton : Terms that describe the relationships are in the Mineralogy Extension
12:43:26 From Ben Norton : https://docs.google.com/spreadsheets/d/1NjoS_JVuh-N26e3tAVNoO7nnnDZerUEl03WPHmmHi8E/edit?usp=sharing
12:43:58 From Christina Byrd : Could hazard/hazard type also apply to radioactive fossils?
12:44:19 From Talia S. Karim (She/Her) : That's what I was wondering
12:46:01 From Holly Little : we have a place name field I have always felt uncertain about using because we couldn't share it properly!
12:51:59 From Christine Garcia : Everything you suggest is useful, Holly!
12:52:23 From Holly Little : Thank you 😊
12:52:25 From Natalia Lopez Carranza : Replying to "Everything you sugge..."

+1
12:53:49 From Christine Garcia : protocols.io?

12:54:04 From Erica Krimmel : Reacted to "protocols.io?" with 💯
12:55:23 From Suzanne Mills : correct, GitHub is high barrier to entry for many
12:55:28 From Erica Krimmel : Reacted to "correct, GitHub is h..." with 👍
12:57:40 From Christina Byrd : Reacted to "correct, GitHub is h…" with 👍
12:58:02 From Christine Garcia : thanks!