

Topic: GeoCAsE (Rachel Walcott)

Date: 2023 September 7

Time: 12 PM Eastern

In Attendance

Erica Krimmel	Holly Little, NMNH	Rachel Walcott
Debbie Paul, INHS, SFG	Greg Liggett, BLM	Wai Yin Kwan
Roger Burkhalter	Juliet Hook	Sierra Swenson
Janaki Krishna, UMNH	Alyson Wilkins, UMNH	
Lindsay Walker, Symbiota	Ben Norton	
Talia Karim, CUMNH	Nicole Volden	
Christina Byrd, MCZ	Vicky Wang, PRI	

Resources

- Paleo Data Working Group [Google Folder](#)
- Paleo Data Working Group [website](#) schedule of upcoming Happy Hours and recordings/notes from past Happy Hours
- GeoCAsE website: <https://www.geocase.eu/> > might change in the future as the hosting moves from Estonia to CETAF

Questions for Rachel about GeoCAsE

1. Can we contribute fossil specimen data to GeoCase? And if yes, how?
2. What is the overlap of data in GeoCAsE and GBIF?
3. How do institutions that publish to both GeoCAsE and GBIF balance data across them?
4. How does GeoCAsE handle searching geologic time?
5. Can we publish samples with IGSN identifiers (registered with SESAR) on GeoCAsE?
6. Would subfossil and death assemblage samples be relevant for GeoCAsE?

Agenda

- Announcements/Updates
-

Notes

- CETAF ESG - Rachel is the coordinator for this group

- Consortium of European Taxonomic Facilities
- <https://cetaf.org/community/working-groups/>
- ESG group is 80-90% paleontologists
- GeOCASe is managed by the CETAF ESG
- Main providers are MfN, NHM, Vienna (?), Naturalis (recently contributing) - about 11 institutions contributing data currently
- Links to related mindat pages (for minerals) - standardized terminology/synonyms for names
- Some integration between mindat and PBDB
- ABCD-EFG schema, and now accepts DwC
- [Link](#) to paper on how IPT corresponds to BioCASe provider software
- <https://geocase.eu/> → use this portal address for now
- **Questions for Rachel:**
 - Can we contribute fossil specimen data to GeoCase? And if yes, how?
 - Yes, would involve an agreement between data provider and CETAF. Funds would be really helpful, and/or a lot of data.
 - What is the overlap of data in GeoCASe and GBIF?
 - Data provider software works for both so could be easily represented in both portals (for paleo)
 - How do institutions that publish to both GeoCASe and GBIF balance data across them?
 - NHM London a good institution to talk to about this. Snapshot DwC archive files.
 - How does GeoCASe handle searching geologic time?
 - Can we publish samples with IGSN identifiers (registered with SESAR) on GeoCASe?
 - Very keen to include IGSNs but not functional yet - GeoCASe needs funding to do this
 - Would subfossil and death assemblage samples be relevant for GeoCASe?
 - If you have cataloged it as a single item, then yes
- Rachel - open invite for any of us to review usability of GeoCASe and provide constructive criticism to CETAF
- Suggestion to invite someone from Mindat to do a HH
- Paper Deb mentioned
 - Callaghan, C.T., Borda-de-Água, L., van Klink, R. *et al.* Unveiling global species abundance distributions. *Nat Ecol Evol* (2023). <https://doi.org/10.1038/s41559-023-02173-y>
 - See Twitter thread <https://twitter.com/hmlfpereira/status/1698752971184459892>

Zoom Chat

12:04:47 From Erica Krimmel To Everyone:

What do we do when our in-house tech support Deb isn't around?!

12:05:00 From Erica Krimmel To Everyone:

Shared notes for today:

https://docs.google.com/document/d/1QwuK-l-1_mjk8KWoWlp4XxgfgKq7Yul8UDtlakQ1nqo/edit?usp=sharing

12:05:41 From Deborah Paul To Everyone:

CETAF

12:05:43 From Deborah Paul To Everyone:

+1 yes

12:05:46 From Lindsay Walker To Everyone:

Nope!

12:06:08 From Deborah Paul To Everyone:

<https://cetaf.org/>

12:18:55 From Erica Krimmel To Everyone:

For those joining, shared notes for today:

https://docs.google.com/document/d/1QwuK-l-1_mjk8KWoWlp4XxgfgKq7Yul8UDtlakQ1nqo/edit?usp=sharing

12:21:39 From Holly Little (NMNH) To Everyone:

<https://github.com/tdwg/mids>

12:22:00 From Deborah Paul To Everyone:

^^^ MIDS ... ya' beat me to it @Holly Little (NMNH) :-)

12:22:10 From Holly Little (NMNH) To Everyone:

Reacted to "^^^ MIDS ... ya' bea..." with 😊

12:22:44 From Erica Krimmel To Everyone:

Link from Rachel's last slide: <https://docs.gbif.org/advancing-ipt-biocase-toolkits/en/>

12:23:35 From Talia S. Karim (She/Her) To Everyone:

Reacted to "Link from Rachel's I..." with 👍

12:31:51 From vw86@cornell.edu To Everyone:

Reacted to "Link from Rachel's I..." with 👍

12:32:03 From Erica Krimmel To Everyone:

How does GeoCAsE handle searching geologic time?

Can we publish samples with IGSN identifiers (registered with SESAR) on GeoCAsE?

Would subfossil and death assemblage samples be relevant for GeoCAsE?

12:33:16 From Erica Krimmel To Everyone:

For those joining midway, shared notes for today:

https://docs.google.com/document/d/1QwuK-l-1_mjk8KWolp4XxgfgKq7Yul8UDtlakQ1nqo/edit?usp=sharing

12:34:25 From Holly Little (NMNH) To Everyone:

international generic sample number

<https://www.geosamples.org/resources/igs-n-changes>

12:36:55 From Erica Krimmel To Everyone:

<https://www.neonscience.org/>

12:38:12 From Lindsay Walker To Everyone:

The NEON soil dataset is going to the Environmental Data Initiative (EDI):

<https://symbiota.org/edi-data/> &

https://portal.edirepository.org/nis/simpleSearch?defType=edismax&q=organization%3A%28%22NEON+Biorepository+Data+Portal%22%29&fq=-scope:ecotrends&fq=-scope:iter-landsat*&fl=id,packageid,title,author,organization,pubdate,coordinates&debug=false

12:38:20 From Talia S. Karim (She/Her) To Everyone:

Reacted to "I think the NEON soi..." with 👍

12:38:37 From Erica Krimmel To Everyone:

Reacted to "I think the NEON soi..." with 👍

12:51:48 From vw86@cornell.edu To Everyone:

Can someone share a link to the paper about GBIF data use that was just mentioned?

12:52:07 From Erica Krimmel To Everyone:

Reacted to "Can someone share a ..." with 🙏

12:53:08 From Deborah Paul To Everyone:

@vw86@cornell.edu I'll ask Matt Yoder, my boss, give me a minute...

12:54:20 From Holly Little (NMNH) To Everyone:

and build stronger collaboration/partnerships across the existing infrastructure! (like CETAF ESG 😊)

12:54:43 From Deborah Paul To Everyone:

See this Tweet for paper I mentioned
<https://twitter.com/hmlfpereira/status/1698779060900336073>

12:56:16 From Deborah Paul To Everyone:

<https://twitter.com/hmlfpereira/status/1698752971184459892>

12:56:47 From Deborah Paul To Everyone:

^^^ Great graphics to show what the data will won't do.

12:57:08 From Deborah Paul To Everyone:

TDWG 2023!

12:57:13 From Deborah Paul To Everyone:

TWT 2023

12:57:34 From Holly Little (NMNH) To Everyone:

thank you!!

12:57:38 From Erica Krimmel To Everyone:

Thank you, Rachel!

How GeoCASE Works

Mapping local database to ABCDEFG schema

