

Topic: Managing taxonomic data in TaxonWorks


Date: 2022 May 31

Time: 12 PM Eastern

In Attendance

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|---|---|---|
| Deborah Paul, Species File Group, TaxonWorks | Holly Little, NMNH | Roger Burkhalter, Sam Noble Museum |
| Hester Steyn, SANBI | Vicky Wang, PRI | Talia Karim, CUMNH |
| Lindsay Walker, iDigBio/Symbiota | Ian Engelbrecht, NSCF South Africa | Wai-Yin |
| Jessica Utrup, Yale Peabody Museum | Nicole Neu-Yagle, Denver Museum of Nature & Science | Geoff Ower, Species File Group, Catalog of Life |
| Jacob Van Veldhuizen, CUMNH | Carrie Levitt-Bussian UMNH | Jessie Nakano, NMNH |
| Matt Yoder, Species File Group, INHS, PRI, University of Illinois | Ben Norton, NCMNS | Suzanne Mills, CMNH |
| Cynthia Carr | Erica Krimmel, iDigBio | Marianne le Roux, SANBI, South Africa |

Resources

- Paleo Data Working Group [Google Folder](#)
- Paleo Data Working Group [wiki page](#) with schedule of upcoming Happy Hours
- Slides for today:  20220531_paleo-happy-hour_slides
- TaxonWorks demo material:
https://github.com/mjy/presentations/tree/main/2022/taxonworks_paleo_happy_hour

Agenda

- High level recap of recent group discussions about paleo taxonomy
- Demo time with TaxonWorks

Action Items

-

Notes

- **Where is the problem?**
 - from our databases

- from the authoritative sources
- from the data aggregators (e.g. GBIF, iDigBio)
 - lots of issues discovered once we see this aggregation
- Solutions?



- evaluating the issues we see in our data, when exposed from data aggregator point-of-view (somewhat easier to solve)
- What about issues coming from authorities?
 - need to figure out how to mobilize / use
 - need to get folks to keep up to date
- Is there an “us vs them” now? We will still have issues at aggregator level if we don’t have action from all sides. So ... reframing ...
 - We’re not taxonomists / systematists, but we can take some responsibility, potential actions
 - synthesize what information exists
 - (-) a lot of work, (+) by taking some responsibility, we can make it (specimen data) more discoverable
 - social and technical issues / TaxonWorks one example.

TaxonWorks

- Nomenclature our focus today.
- Species File Group = software development community
- Today’s important take-homes
 - 1) Models used in TaxonWorks & how they represent data
 - 2) TaxonWorks is a workbench, a working tool
 - 3) How to query data
- Onychochilidae
- Add a new Source example
 - add author string
 - Bruce Runnegar
 - ORCID <https://orcid.org/0000-0002-7412-7982>

- Yuennia
- **Ian: How do you get started?**
 - Great question! Join us on Wednesday (tomorrow) to discuss! [See Events here!](#)

Chat Copy

09:04:06 From Holly Little to Everyone:

Shared notes for today:

https://docs.google.com/document/d/1Eojq0Hnqbf_X_qZv6GqO2TimTzqwJf9hKpEPIVTYLFY/edit

09:09:26 From Erica Krimmel | she suite | iDigBio to Everyone:

Mo cat sighting!

09:14:47 From Deborah Paul to Everyone:

Onychochilida

09:31:35 From Deborah Paul to Everyone:

<https://speciesfilegroup.org/events.html>

09:34:39 From Erica Krimmel | she suite | iDigBio to Everyone:

Yea!

09:34:54 From Holly Little to Everyone:

We also just did more on identifiers last meeting!

09:35:13 From Talia S. Karim (She/Her) to Everyone:

Very cool.

09:35:44 From Ian Engelbrecht to Everyone:

Pets are a regular feature of the Happy Hour...

09:38:38 From Talia S. Karim (She/Her) to Everyone:

This was very helpful. I want to go back to the sandbox and play around more.

09:38:43 From Holly Little to Everyone:

+1

09:38:53 From Erica Krimmel | she suite | iDigBio to Everyone:

Maybe raise a hand or add a chat here if you have a question!

09:38:55 From Deborah Paul to Everyone:

Great to hear @Talia @Holly :-)

09:40:21 From Erica Krimmel | she suite | iDigBio to Everyone:

Such a good question, Ian!

09:42:30 From Talia S. Karim (She/Her) to Everyone:

Is this a tool that we could use to community curate subsets of PBDB data and get it into a format that would be easy for CoL to ingest?

09:43:30 From Lindsay Walker to Everyone:

+1

09:43:43 From Roger Burkhalter to Everyone:

+1

09:43:51 From Holly Little to Everyone:

+1

09:46:07 From Suzanne Mills to Everyone:

Would we consider the group work we did on collectors during our Paleo People workshop to be a "barbeque?"

09:46:19 From Erica Krimmel | she suite | iDigBio to Everyone:

@suzanne I think so!

09:47:01 From Suzanne Mills to Everyone:



09:47:09 From Deborah Paul to Everyone:

OTUs :-) Operational Taxonomic Units (temporary names, morphospecies ... a la "sp A" or sp 123 ...

09:49:26 From Deborah Paul to Everyone:

@Geoff do you want to comment

09:49:41 From Marianne le Roux to Everyone:

I assume we would be able to add IPNI IDs and WFO IDs for all the plant names in the dataset based on what was said a little earlier about IDs. Would that be easy?

09:51:11 From Wai-Yin to Everyone:

Only 23% of the PDBD 2022 export is in CoL.

<https://www.gbif.org/dataset/c33ce2f2-c3cc-43a5-a380-fe4526d63650>

09:51:49 From Deborah Paul to Everyone:

Family codes mixup! (I think @Talia) that's how crabs got into the beetles, years ago.

09:53:10 From Deborah Paul to Everyone:

@Marianne yes ...

09:53:41 From Marianne le Roux to Everyone:

Thanks, that is very useful!

09:55:57 From Wai-Yin to Everyone:

Does PDBD know about that problem dataset? In theory, the PDBD admins might be able to mass delete that problem dataset if they know about it.

09:56:21 From Holly Little to Everyone:

I have to sign off. Thanks for this overview and seeds for new taxonomy thinking! Looking forward to digging in more.

09:56:41 From Roger Burkhalter to Everyone:

I am unsure who knows at this time, but I will find out.

09:58:15 From Ian Engelbrecht to Everyone:

@Matt what is this JSON viewer you're using in your browser?

09:58:27 From Matthew Jon Yoder to Everyone:

Ian - Firefox native. NO plugin.

09:58:41 From Ian Engelbrecht to Everyone:

Ah... 😊

09:58:46 From Roger Burkhalter to Everyone:



09:59:22 From Matthew Jon Yoder to Everyone:

Marianne - other classes of identifiers are possible, Global needs a config file from us, "Local"- anyone can create a Namespace (class of identifiers) and start like that.

10:00:31 From Suzanne Mills to Everyone:

Thanks for a great presentation, Deb and Matt!
10:00:35 From Talia S. Karim (She/Her) to Everyone:
Thanks!