Topic: Managing taxonomic data in TaxonWorks
Date: 2022 May 31
Time: 12 PM Eastern

In Attendance

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

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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_qZv6GqO2TimTzqwJf9hKpEPlVTYLFY/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 wan tto 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 PBDB 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 Namepsace (class of idnetifiers) 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!