

Topic: Identifiers for specimens, localities, people, etc.

Date: 2020-12-03

Time: 11am Eastern

In Attendance

Name	ORCID
Erica Krimmel, iDigBio/FSU	https://orcid.org/0000-0003-3192-0080
Roger Burkhalter, Sam Noble Museum	https://orcid.org/0000-0001-5518-5661
Talia Karim, CU Boulder	https://orcid.org/0000-0001-6514-963X
Holly Little, Smithsonian NMNH	https://orcid.org/0000-0001-7909-4166
Christina Byrd, MCZ	https://orcid.org/0000-0001-7963-6092
Margaret Landis, Sam Noble Museum	[To be determined as I working with resolving with ORCID as others may have created one for me as well as me having created one]
Cynthia Carr, JHU student	
Carrie Levitt-Bussian UMNH	
Dean Pentcheff NHMLA	http://orcid.org/0000-0002-4049-3941
Nicole Volden NMMNH	
Conni O'Connor, Florissant Fossil Beds National Monument	https://orcid.org/0000-0003-1719-4617
Ian Engelbrecht, NSCF	https://orcid.org/0000-0002-4191-690X
Jessica Cundiff - MCZ	
Lindsay Walker, NHMLA	https://orcid.org/0000-0002-2162-6593
Carrie Eaton, UWGM	https://orcid.org/0000-0001-6647-1751
Jessica Utrup (YPM)	https://orcid.org/0000-0001-5201-8235
Rebecca Snyder, Smithsonian NMNH	https://orcid.org/0000-0002-0028-6139
Jacob Van Veldhuizen, CUMNH	https://orcid.org/0000-0001-6770-0181
Viktor Radermacher	
Adam Kowalczyk, UMich	

Resources

- Google Drive Folder: <https://bit.ly/2OjZcWj>
- GitHub: <https://github.com/tdwg/esp>

Agenda

- Why identifiers?
- What are identifiers?
- ORCID fun - <https://orcid.org/>
- occurrenceID
- Discussion

Action Items

Questions?

From Ian: Why can't we agree on what identifiers are??!! :-P

HH Prep

1. OccurrenceIDs: What do yours look like? How are they minted? Are they resolvable?
2. Do you record other identifiers in your database (e.g., DOIs for publications, ORCID for Agents/People)?

Resources

[iDigBio GUID Guide for Data Providers](#)

Notes

Look how fun identifiers are! <https://www.pidapalooza.org/>

How are we defining an identifier?

- Anything that directs you to a thing, even a catalog number
- Use a specifically named identifier (GUID, PID, etc.) whenever possible
- UUIDs should be version 4

LSIDs (life science identifiers)

- Did not have a longevity plan for how they were going to remain resolvable, which is why they are out of fashion

How do you assign occurrenceIDs?

- NMNH uses EZIDs because they are resolvable, e.g. <http://n2t.net/ark:/65665/3af2b96d2-a8a1-47c5-9895-b0af03b21674> redirects to the specimen record on the institutional web portal
- One ideal is resolvable address (<http://n2t.net/ark:/65665/>) + GUID (3af2b96d2-a8a1-47c5-9895-b0af03b21674)
- Assign the identifier at the canonical source (e.g. the collection)
- Resolvability is a point of contention in some circles--does the resolvability impair the ability to be unique? What about situations where the record has no resolvable location? Trying to enforce resolvability raises the bar on assigning GUIDs.
- Who mints the UUIDs? Make sure it's the canonical source!
- Is the identifier identifying the physical object or the digital record?

If you have a specimen exchange do the identifiers go to the new holding institution?

- Identifiers should go to the new institution, but then the resolvability is the tricky part
- Does the new institution retain the same identifier?

If you have destructive sampling what happens to the identifier?

- At NMNH identifiers for destructive sampling and deaccessions are still maintained but resolve to some kind of 404 message

Thoughts on identifiers for localities?

- DigIn people are setting up a distinct database for shared collecting localities and will need an identifier system for that

Do you have fields to store identifiers?

What identifiers do you integrate with your data?

Where do/should we apply identifiers?