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The crazy things you need for all the crazy platforms

NSF ids

J Jones - 000839308

S Grant - 000540011

NCBI - 'My Bibliography' Login for NSF biosketch stuff

- not quite sure this is what goes where, but a start:

<https://www.ncbi.nlm.nih.gov/myncbi/collections/mybibliography/?action=citationadd&status=success>

(log into NCBI, go to 'My Bibliography', add a citation & set type to 'dataset or database'...)

- [biosketch formatting on NCBI for NSF/NIH](#))

Publications

Published:

Grant S, Jones J, Webbink K, Zschernitz R. (2018) Repatriation of Augmented Information to an Institutional Database. Biodiversity Information Science and Standards 2: e26479.

<https://doi.org/10.3897/biss.2.26479>

- From SPNHC 2018 in Dunedin, New Zealand
- Presented on 2018 August 30

Grant S, Webbink K, Jones J, Herbst P, Zschernitz R, Russell R. (2017) What's Missing From All the Portals? Proceedings of TDWG 1: e20236. <https://doi.org/10.3897/tdwgproceedings.1.20236>

- From TDWG 2017 in Ottawa, Canada

Grant S, Jones J, Webbink K, Trekels M (2020) Reducing the Pain of Getting your Backlog Published. Biodiversity Information Science and Standards 4: e59183. <https://doi.org/10.3897/biss.4.59183>

- From TDWG 2020 in Zoomland
- Presented on 19 October 2020

Woodburn M, Paul DL, Addink W, Baskauf SJ, Blum S, Chapman C, Grant S, Groom Q, Jones J, Petersen M, Raes N, Smith D, Tilley L, Trekels M, Trizna M, Ulate W, Vincent S, Walls R, Webbink K, Zermoglio P (2020) Unity in Variety: Developing a collection description standard by consensus. Biodiversity Information Science and Standards 4: e59233. <https://doi.org/10.3897/biss.4.59233>

- From TDWG 2020 Virtual

Trekels M, Woodburn M, Paul DL, Grant S, Webbink K, Jones J, Groom Q (2020) How do you Develop a Data Standard? Wikibase might be the Solution.... Biodiversity Information Science and Standards 4: e59211. <https://doi.org/10.3897/biss.4.59211>

- From TDWG 2020 Virtual

Woodburn M, Buschbom J, Droege G, Grant S, Groom Q, Jones J, Trekels M, Vincent S, Webbink K (2022) Latimer Core: A new data standard for collection descriptions. Biodiversity Information Science and Standards 6: e91159. <https://doi.org/10.3897/biss.6.91159>

- From TDWG 2022 Hybrid

Woodburn M, Buschbom J, Grant S, Jones J, Norton B, Trekels M, Vincent S, Webbink K (2023) No Pain No Gain: Standards mapping in Latimer Core development. Biodiversity Information Science and Standards 7: e113053. <https://doi.org/10.3897/biss.7.113053>

- From TDWG 2023 Hybrid

SPNHC 2019 Symposia

Data Interconnectedness -

SY-03 Interconnectedness of Data

[https://www.spnhcchicago2019.com/abstract-submissionhttps://osf.io/search/?q=\(tags:%22SY-03%22\)%20AND%20tags:\(%22SPNHC2019%22\)&page=1](https://www.spnhcchicago2019.com/abstract-submissionhttps://osf.io/search/?q=(tags:%22SY-03%22)%20AND%20tags:(%22SPNHC2019%22)&page=1)

SY-02 Licensing and Rights around Collections Data and Media

(from <https://www.spnhcchicago2019.com/abstract-submission>)

Link to abstracts:

[https://osf.io/search/?q=\(tags:%22SY-02%22\)%20AND%20tags:\(%22SPNHC2019%22\)&page=1](https://osf.io/search/?q=(tags:%22SY-02%22)%20AND%20tags:(%22SPNHC2019%22)&page=1)

SPNHC 2022 Workshops

Strictly Planning

Dirty Data Dancing

In pre-submission review

- Matt et ALL: [From Spectators to Stewards: Transforming Public Involvement in Natural History Collection](#)
-

Unpublished [i.e., not ‘peer-reviewed’] but publicly available

Github:

- FMNH Collections scripts <https://github.com/fieldmuseum/Collections-Scripts>

EMu Data: Presentations, visualizations and web portfolio

- <https://emudata.fieldmuseum.org>

2020

- EMu: <https://www.axiell.com/blog-post/watch-darwin-core-how-do-we-make-it-work/>

IPT Datasets

(formatted for NCBI crazy / maybe)

[type of citation = "Dataset or database"]

*Title of work: Field Museum of Natural History (Zoology) Mammal Collection
*Contributor: Sharon Grant, Adam Ferguson, Janeen Jones, Kate Webbink, Laura Russell
*Publication Date: 2020-May-11
*Publisher: Field Museum of Natural History
*Place of Publication: GBIF.org
URL: <https://doi.org/10.15468/n4zgxw>

Grant S, Webbink K, Jones J, Ferguson A (2020). Field Museum of Natural History (Zoology) Mammal Collection. Version 9.12. Field Museum. Occurrence dataset <https://doi.org/10.15468/n4zgxw> accessed via GBIF.org on 2020-09-25.

Training

- <https://www.gbif.org/programme/82243/bid-biodiversity-information-for-development>

Standards Work

Latimer Core (T3)

- Grant, S., Jones, J., Webbink, K., Woodburn, M., Vincent, S., Trekels, M., Buschbom, J., Groom, Q. J., Norton, B., Sanderson, R., Engelbrecht, I., Baskauf, S. J., Addink, W., Bloom, D., Breugelmans, L., Chapman, C., Dröge, G., Grosjean, M., Hahn, A., Krimmel, E., Paul, D., Raes, N., Robertson, T., Ulate, W. & Biodiversity Information Standards (TDWG). TDWG Latimer Core (Ltc) Standard [Standard]. <https://tdwg.github.io/ltc/>
- Norton, B., Woodburn, M., Grant, S., Jones, J., Webbink, K., Vincent, S., Trekels, M., Buschbom, J., Baskauf, S. J. & Biodiversity Information Standards (TDWG). Latimer Core (Ltc) GitHub Repository [Standard]. <https://github.com/tdwg/ltc>

Audiovisual Core (KW)

Is it Dead (JJ)

Grants

Janeen's List:

Because I can never find this darned thing, here is a link to Janeen's grant tracking spreadsheet:
https://docs.google.com/spreadsheets/d/1TB_LM7mYVxLKSud85qdDOxMEZr_e1XqWOd7TAb9VmYI

Sneaky look at Lisa's list:

https://docs.google.com/spreadsheets/d/1_r5QPx42x2jpHBT6i37YOesUX4EqCzeXfm5KPxyzcavo

Facilities

Data Management and Information Infrastructure

Sustainable support of infrastructure

Storage for collections digital assets is maintained by the Museum's Technology Department. Currently, it stores around >80TB of data on a hybrid network attached storage (NAS) and archive solution hosted on site. The NAS also utilizes an encrypted "cloud" backend for infinite scalability while minimizing on-premise hardware costs. All drives in the storage arrays are configured for high-availability, hot-swap failover and redundancy. Additionally the solutions are also covered under a 24X7X365, 4 hour response time, maintenance agreement. There are provisions for expansion of the NAS annually.

The Museum has deployed server virtualization technology over the past few years and currently has 90% of all museum servers virtualized on a 5 node hyper-converged virtual machine cluster. Additionally, the Museum is leveraging solutions allowing our datacenter to (virtually) extend into the cloud for even higher levels of uptime. In instances where virtualizing a server isn't the best option, physical servers with built in disk and power redundancy are deployed to insure high-availability and to minimize downtime. All production servers are covered under a 4hr response time maintenance agreement.

The Museum currently operates using a gigabit fiber connection for internet connectivity with a redundant microwave 250 Mbps connection as well as a tertiary cellular backup. These provide service for both the wired LAN and Wi-Fi networks. With these connections, matched with the Museum's fully redundant edge network, an extreme level of uptime and reliability can be achieved.

Long-term archiving / Data storage / Maintenance

Collections data and associated multimedia created as part of grant funded or capital projects are considered priority core FMNH digital assets and as such are backed up using the following schedule:

Daily snapshots from 6pm to 6am with incremental updates every 4 hrs, with indefinite offsite retention.

Roles and Responsibilities

[Funded] IMLS Empowering stuff (Oct 2020)

-

[Not Funded] IMLS Leading stuff / Anthro (Oct 2020)

- Sharon
 -
- Pete
 -
- Janeen
 -
- Kate

[Resubmitted without IT participation] TCN RANGES (Oct 2020)

Sharon Grant

Will provide strategic coordination of database developments and documentation between project stakeholder institutions and coordinate testing and implementation of EMu MeasurementOrFact development at LA County and Field Museum. She will manage the Axiell contract for structural changes to the EMu collections management system.

Janeen Jones

Will be responsible for the coordination of a unified data workflow across institutions; delivery of recommendation for the EMu collections management MeasurementOrFact standard feature set (including field structures and shared report formats) and ensure compliance with the Museum's data security, permissions and sensitivity policies.

Kate Webbink

Will work with Mammals project staff to ensure day to day flow of data and media to the Museum's digital infrastructure. She will be responsible for coordinating with in-house web developer and infrastructure team to ensure exports and public-facing data are accurately represented in web properties including the Field Museum's IPT instance.

[Not Funded] IMLS CARES (Sept 2020)

- [Oct 2020 notes for re-used content] Consider adjusting/expanding descriptions for
 - Addressing new publication needs from project stakeholders
 - Coordinating evaluation stages [gathering/implementing feedback]

Sharon Grant

Information Technology (IT) project management and resource coordination with other project stakeholders and management; oversee strategic coordination of database developments between project stakeholder departments and non-project departments (e.g., Exhibitions); manage Axiell structural change contract

Pete Herbst

Manage API development contract; serve as EMu technical liaison to Web/Digital team; provide backend web development as it relates to the flow of data and content between EMu and the public website

Janeen Jones

Implement and test developments to EMu of science metadata modules to support connections to education content and assets; serve as liaison to collections and research staff with respect to data security, permissions and sensitivity issues not already covered by education programs

Kate Webbink

Process and upload existing media; implement and test developments to EMu that support the handling of media assets and public facing metadata

Pat Davis

Provide updates and enhancements to storage infrastructure; implement and maintain security protocols at the interface between secure internal storage and publicly accessible storage