4.3. Technical infrastructures (GOVERNANCE)

dhobern #1 March 27, 2020, 11:12am

> This is topic 4.3. in the *Governance* section of the ***Advancing the Catalogue of the World's Natural History Collections*** consultation. Use this topic to discuss the questions listed below.

Background
Biodiversity information infrastructures such as GBIF, DiSSCo, iDigBio and other national and regional platforms are usually funded in the context of broader open science goals for research infrastructures. Their participation can provide an important bridge between the needs of the collection communities and funding and expertise for informatics solutions. Roles and responsibilities must however be well defined to ensure that the needs of researchers and user communities are central. It is important to define clearly how these technical infrastructures can best participate in the overall solution, including demonstrating the benefits required to secure sustained funding for an integrated catalogue and for all the component parts.

Other materials

The following contributed materials are particularly relevant to this topic:

- **Presentation: Global Registry of Scientific Collections**
- **Presentation: Index Herbariorum - Perspectives of a Long-Standing Collection Catalog**
- **Document: GBIF Services and Support for the Collections Catalogue**

Questions

- What technical infrastructures need to be engaged as part of the solution?
- How are their roles and needs best balanced with those of the collections and of their communities?

Presentation: Global Registry of Scientific Collections

Presentation: Index Herbariorum - Perspectives of a Long-Standing Collection Catalog

Document: GBIF Services and Support for the Collections Catalogue

Advancing the Catalogue of the World's Natural History Collections

Adelantando el Catálogo de Colecciones de Historia Natural del Mundo

建立《全球自然历史馆藏名录》

Integrated summary from 17 to 30 April 2020

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Faire Avancer le Catalogue des Collections d'Histoire Naturelle du Monde

Adelantando el Catálogo de Colecciones de Historia Natural del Mundo

Collections Catalogue - Daily Summaries

Adelantando el Catálogo de Colecciones de Historia Natural del Mundo

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pzermoglio #4 April 30, 2020, 8:44am

From @maperalta in these posts in the Spanish thread: post 1, post 2

The technical infrastructure should mainly point to updating and operation of the standardized informatic systems. The possibility of exchanging information among collections should be a priority, and this requires permanently implementing new informatics tools. For example, having a catalogue with geographic references for all natural history collections that constitute the national systems would facilitate toponymy corrections.

2 Likes

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