

# Botany 2017 summary/follow-up Notes

## Stuff to clarify

### 1) Broader "stable infrastructure" message

- Discussion turned to multiplicity of audiences/end-users
- How to align/prioritize these without losing tools?
- How to connect/network datasets without muddling portals?

### 2) Still to be addressed(?): What is this thing called infrastructure?

- Is it "whatever breaks the short-term grant-dependent funding cycle"?
- Maybe reference [Wetzel et al., 2017](#) & [Bingham & al, 2017](#)

### 3) Meanwhile

- [EU BON](#) & the [European Biodiversity Portal](#)?
- ...& GBIF (& VertNet & FossilWorks)...

## Other questions & stuff to read

Some/Lots of focus (among portals/projects) is on augmenting/supplementing IT services for medium to small collections; are there ways it would help to leverage existing IT personnel/resources/db admins at larger institutions? (If those depts include biodiversity info. expertise, how can we help/coordinate more? If they don't include it, need bridges [to familiar ground for their it]?)

- is there a better way/place for those institutions share/publish/coordinate their protocols & policies?

- [Wetzel et al., 2017](#) - EU BON has a clearer structuring of stakeholders/audiences, their priorities & how to accommodate...
- [Bingham & al. 2017](#) - a map of resources available (or not) for biodiversity informatics [in EU]

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### **A global perspective on decadal challenges and priorities in biodiversity informatics.**

BMC Ecology. 2015;15:15.

<http://hdl.handle.net/1808/18231>

Biodiversity informatics is a field that is growing rapidly in data infrastructure, tools, and participation by researchers worldwide from diverse disciplines and with diverse, innovative approaches. A recent 'decadal view' of the field laid out a vision that was nonetheless restricted and constrained by its European focus. Our alternative decadal view is global, i.e., it sees the worldwide scope and importance of biodiversity informatics as addressing five major, global goals: (1) mobilize existing knowledge; (2) share this knowledge and the experience of its myriad deployments globally; (3) avoid 'siloing' and reinventing the tools of knowledge deployment; (4) tackle biodiversity informatics challenges at appropriate scales; and (5) seek solutions to difficult challenges that are strategic.



