

LINKING MEDIA AND MAKING THEM  
ACCESSIBLE;  
CULTIVATING INPUTS AND  
DISSEMINATING FOR BROADER IMPACT

# LINKING: WHAT ARE THE REMAINING CHALLENGES?

- between different collection types in one collection
- to distributed foci of expertise and infrastructure for different media types
- possibility of out-sourced curation of each media type

# ACCESSIBILITY

- on the web
- new portals for different kinds of data?
- eventually in notepad app that allows the user to explore ALL media and collections in arbitrary slices
- What might the optimal personal portal to global biodiversity look like?
- It should connect the user to phylogeny, geography, environmental conditions, local biota. Anything else?

# CULTIVATING THE INPUTS

- Research: recordings, trail and web-cams, etc.
- Monitoring: long-term audio recorders/monitors
- Citizen Science: Flickr, eBird



# ENRICHING THE DATA OF INPUTS

- core metadata
- association with physical specimen or not
- process history (from initial media to visualization)
- Other data that should be core?
- Can each be associated with a purpose-built GUI or pipe that queries all necessary fields?

# THESE PIPES HAVE TREMENDOUS POTENTIAL IN EDUCATION

- recruitment of new sources of data
- training and improvement of practice, both directly and indirectly with better pipes
- dissemination of content

# WE NEED TO BE CREATIVE AND ENERGETIC IN MANAGING THESE DATA STREAMS

- If we (are to) succeed in diverting the huge stream of incoming information, we need help!
- Great advances are being made with automatic image recognition (Merlin and its back-end).
- Can we brain-storm about opportunities for automatic media management?
- Are there media that seem especially worth the effort?