



Progress in digitization

TCN goals

- Specimens cataloged: 1.6M
- Specimens imaged: 85K
- Localities georeferenced: 35K

TCN progress

- Specimens cataloged: 375K
- Specimens imaged: 16K
- Localities georeferenced: 8K

~20-25% complete





Data management

- 4 of 7 funded institutions currently serving data to iDigBio
- 2 large institutions (CAS, LACM) in midst of database transfer
- Most institutions also serve data via museum webpages: <http://epicc.berkeley.edu/people-participants/>
- Data security and integrity is being assured by each institution



Research uses of data

- Specimens through 66 million years of Earth history documenting major biotic events which hold lessons for today's changing climate.
- Challenges:
 - Concordances of rock formation names
 - Concordance of taxonomic names not covered by ITIS
 - TCN is actively creating these concordances.



Mgmt. and oversight

- UCMP manages and coordinates project
- UCMP & PRI lead virtual field experiences
- Annual in-person meetings
- ~Bimonthly calls via AdobeConnect
- Sustainability is assured through the individual institutions.





What we have learned

- How to standardize nomenclature which currently does not exist for fossils
 - rock formation and taxon names
- Developed novel workflows
 - Photography of invertebrate fossils (complete)
 - Specimen labeling guide (in review)
 - Setting up GeoLocate collaborative portal (in process)