Digitize and make available online all the major collections of fossil insect specimens in the United States

- Year 4 of Project: 8 funded; 2 federal partners, 1 volunteer
  - CU-Boulder, AMNH, Yale, Harvard, UK, INHS, VMNH + UCMP
  - NMNH & Florissant Fossil Beds NM
  - University of Oklahoma

- Specimen Records: >170,000 (70% of original goal)
- Images: ~67,000 (87% of original goal)
Digitize and make available the UCMP Cenozoic fossil insect collections

- Year 2 of Project:
  - Specimen Records: ~6,000 (~100% of original goal)
  - Images: ~5,800 (~90% of original goal)
- 3 UGWSs, 2 Grads, 1 Visiting Scholar, 6 URAPs
DATA MANAGEMENT

• Five institutions contributing directly to iDigBio via IPT

• 9 institutions are contributing some data/images to our project aggregator iDigPaleo.org, which is now live!

• our BFIP data is also being served to EOL, UCMP.berkeley.edu, and high res images online through Calphotos.berkeley.edu
RESEARCH USE OF DATA

• E-Loans are up!
  ➢ Researchers worldwide working on systematics projects
  ➢ Several papers submitted and published in 2016; presentations at major meetings

• Addressing broad questions:
  ➢ Data generation nearly complete
  ➢ Berkeley PEN tar pit insect data: Anna Holden, PhD candidate, AMNH
• T. Karim – TCN management

• S. Butts & C. Norris – iDigPaleo development
  ➢ Cretaceous World TCN
  ➢ Broader Impacts Piece in other proposals

• ePANDDA – Enhancing PAleontological and Neontological Data Discovery API

• PENs: two submitted
LESSONS LEARNED

• Jot Forms for bi-monthly reports (Thanks EPICC!)

• Publishing data via IPT

• Polarizing filter

• Curriculum Development for iDigPaleo
  ➢ Partnering with experts at Paleontological Research Institute, PBDB, and Raymond Alf Museum
Development of iDigPaleo is supported through NSF EF 1305027: Digitization TCN: Collaborative Research: Fossil Insect Collaborative: A deep-time approach to studying diversification and response to environmental change.

Support for the Berkeley PEN project provided through NSF EF 1503671: PEN: Digitization of the Cenozoic Insect collections in the UC Berkeley Museum of Paleontology.

ePANDDA is supported through NSF ICER 1540984: EarthCube IA. Collaborative Proposal: ePANDDA: Enhancing Paleontological and Neontological Data Discovery API.

Acknowledgements

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