Dena Smith & Talia Karim
University of Colorado
Susan Butts
Yale University
Digitize and make available all the major collections of fossil insect specimens in the United States
Digitization Goals:

- Database ~500,000 specimens
- ~77,000 digital images
- Data sharing
- iDigPaleo development

Research Goals:

- Examine insect response to environmental change in deep time
- Examine evolutionary history of fossil insect groups and patterns of diversity in deep time
Project Oversight

Annual Meetings

Adobe Connect Virtual Meetings
• Started in Year 3
• Every four months
Amber Workshop - AMNH
Amber Workshop - AMNH
Research

• Coordinating groups to work on broader questions using TCN data

• Individual Projects

• Fossil Insect Symposium - ESA 2014
Data

• Data management
  • DarwinCore formatted data sent from providers via IPT
• Open access of data
  • All data and images available for public and researchers on iDigBio and iDigPaleo
• Management of the network
  • Yale to CU-Boulder
FIC on Social Media

Having a Fossiliferous National Fossil Day!

@FossilInsectTCN
- Aggregate data from fossil insect project

- Provide tools for educational access to these data

- Central resource to interact with bio and geo cyberinfrastructure initiatives
LOGIN

E-MAIL ADDRESS  susan.butts@yale.edu

PASSWORD  **********

LOGIN

Click here to register
Forgot your password?
undet. Tipulidae; feather on slab with
True Flies, Mosquitoes and Gnats

YPM IP 522423
Yale Peabody Museum of Natural History

TAXONOMY
Animalia > Arthropoda > Insecta > Diptera > Tipulidae > Family

LOCALITY
North America > USA > Colorado > Garfield County > N end of Radar Dome
ADD ITEM TO ASSIGNMENT

Rio Blanco Field Trip

Select a assignment

Rio Blanco Field Trip

OR

CREATE A NEW ASSIGNMENT

NAME

Your assignment

DESCRIPTION

SAVE
- Tools in development
  - Integrated mapping in geologic history (PBDB API, GPlates API)
  - Comments/annotations returned to institution (i.e. update taxonomy)

- Teacher workshop – directions and outcomes
  - Directions
    - critique of front end operation
    - provide curated collections (assignments)
    - provide background info
    - provide videos from collections/field

- Outcomes
  - lesson plans based on NGSS
Your Data

iDigPaleo

API

PaleoBiology Database

API

ePANDDA API
map, translate, & distribute data

API

iDigBio

TCN

your paleo data
Potential for collaboration

Pass your data to us, have us aggregate it and serve it to iDigBio

Talk to us about turning your data into a dynamic resource for education and public use access
Acknowledgements

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