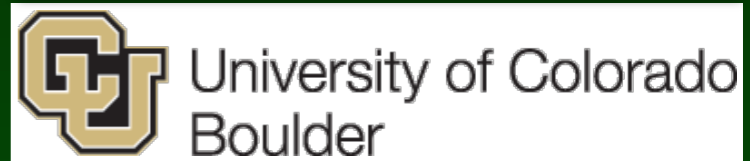


Fossil Insect Collaborative Digitization Project: Our E&O Activities

Christina Byrd and Alton Dooley



Research Goals

- Record fossil insect data for use in:
 - understanding insect response to environmental change
 - understanding patterns of biodiversity over time



FIC-TCN Website

<http://fossilinsects.colorado.edu>

The screenshot shows a web browser window displaying the Fossil Insect Collection website. The browser's address bar shows the URL fossilinsects.colorado.edu. The website features a header with the text "Fossil Insect Collaborative" and a search bar. Below the header is a navigation menu with the following items: HOME, ABOUT, COLLABORATORS, NEWS, CONTACT, RESEARCH, COLLECTIONS, EDUCATION, and CALENDAR. The main content area is divided into two columns. The left column, titled "LATEST NEWS", contains three articles: "Fossil Insect Collaborative at ECN Meeting - Nov 11, 2013", "iDigBio Paleo Digitization Workshop - Oct 02, 2013", and "Press Release from NSF - Jul 24, 2013". The right column, titled "UPCOMING EVENTS", contains two events: "iDigBio Outreach and Education Workshop" on January 16 and "NAPC 2014" on February 15. At the bottom of the page, there is a social media sharing section with a "Like" button and a "Share" button, and a small image of a fossilized insect.

Fossil Insect Collection

fossilinsects.colorado.edu

Byrd, Chris...ook Web App iCloud Apple Facebook Twitter Wikipedia Yahoo! News Popular Digitization

2014 GSA Southeastern Section Meeting Fossil Insect Collection

Fossil Insect Collaborative

search go

HOME ABOUT COLLABORATORS NEWS CONTACT RESEARCH COLLECTIONS EDUCATION CALENDAR


LATEST NEWS

Fossil Insect Collaborative at ECN Meeting - Nov 11, 2013
Fossil Insect Collaborative PI Dena Smith will be giving a presentation at the ECN meeting on November 9th in Austin, TX.

iDigBio Paleo Digitization Workshop - Oct 02, 2013
More than 60 paleontologists representing 41 institutions assembled in New Haven, CT the week of September 23rd, 2013 to share ideas, protocols, preferences, and strategies.

Press Release from NSF - Jul 24, 2013
Funding will shed light on "dark data," and integrate organismal, vocal, fossil, and ecological information

Like Share You, Kimberly Dingess and 158 others like this.



Distribution of Knowledge: Social Networking



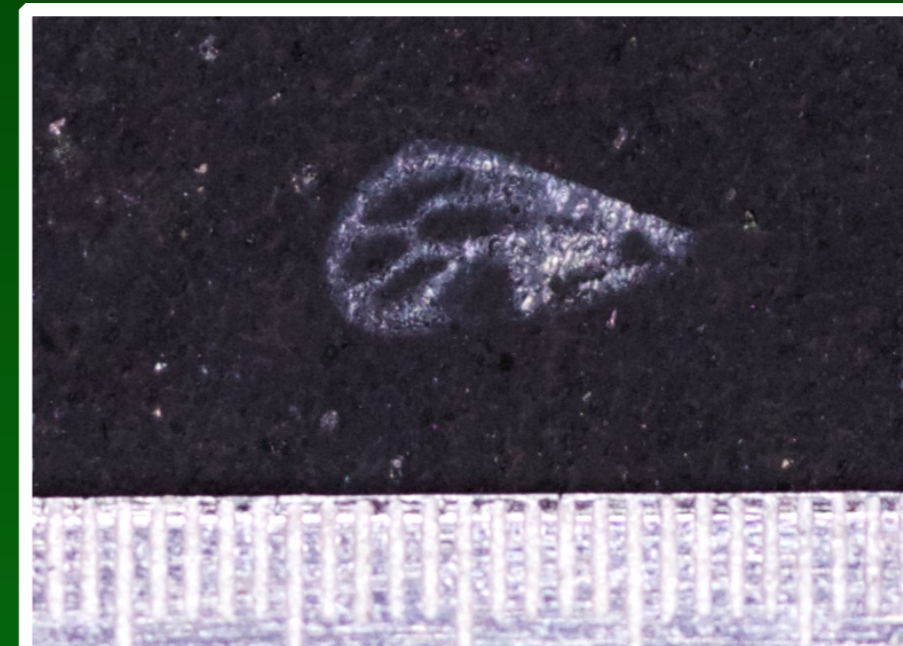
- Utilize social networking tools
- FIC-TCN Facebook page:

[https://www.facebook.com/
FossilInsectCollaborativeDi
gitizationProject](https://www.facebook.com/FossilInsectCollaborativeDigitizationProject)

A screenshot of a Facebook page for the 'Fossil Insect Collaborative-Digitization Project'. The page features a cover photo of a mountainous landscape and a profile picture of a fossilized insect. The page name is 'Fossil Insect Collaborative-Digitization Project' with 160 likes and 1 person talking about it. The page is categorized as 'Education' with the URL 'fossilinsects.colorado.edu'. The main content area shows a post from 'iDigBio Home' with a group photo and text about a workshop. The right sidebar includes a 'Friends' section with 8 friends and a 'Recent Posts by Others' section with three posts.

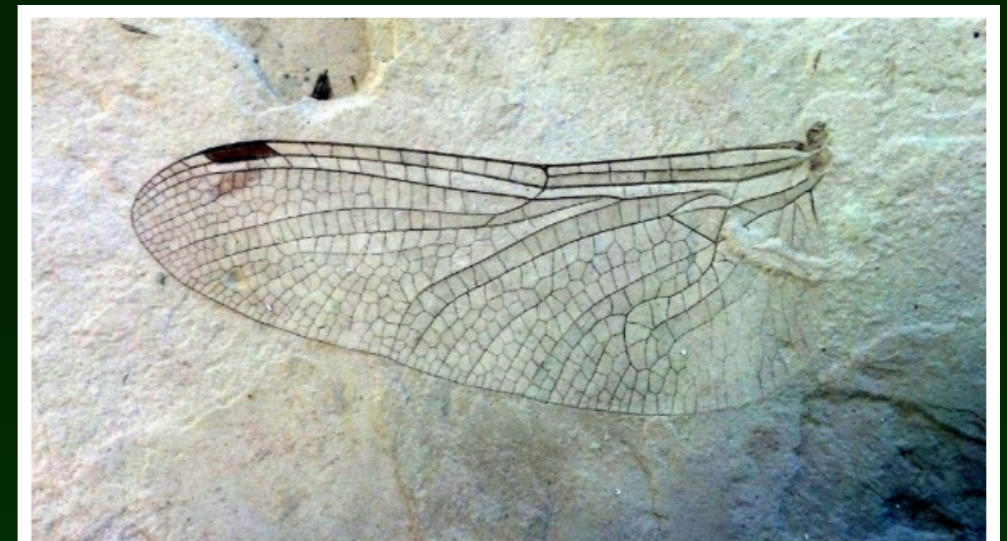
iDigPaleo

- Aggregate, store and retrieve specimen data and images from TCNs
- Serve these data to National Hub and other portals
 - iDigBio
 - PaleoPortal
- Serve as a resource to paleontological collections community
 - Facilitate visibility and use of important specimens
- Available to the general public, educators and students at all levels
- CUMNH = long-term home of iDigPaleo



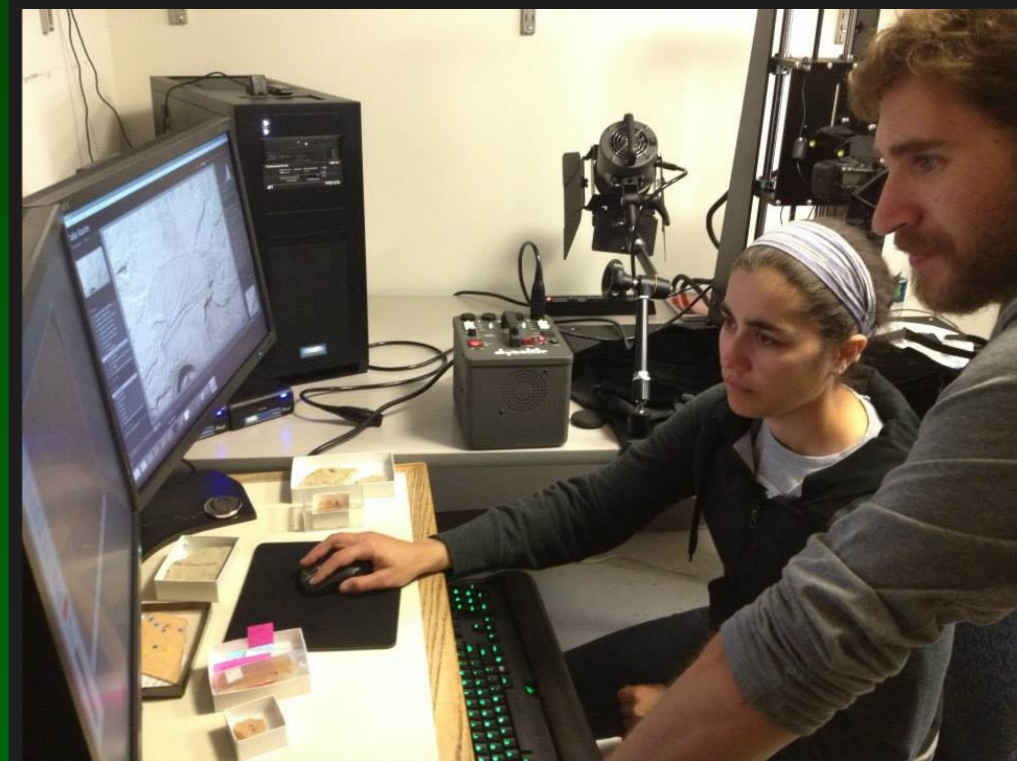
Mobile App

- “Dig It”
- Year 3 and 4
- Features:
 - Build virtual drawer of fossils
 - Utilize phone camera for upload of personal fossil collection
 - Make info available to citizen scientists → communicate with experts
- Easily adapted for other paleo TCNs: Ex. “Dig It: Insects” or “Dig It: Brachiopods”

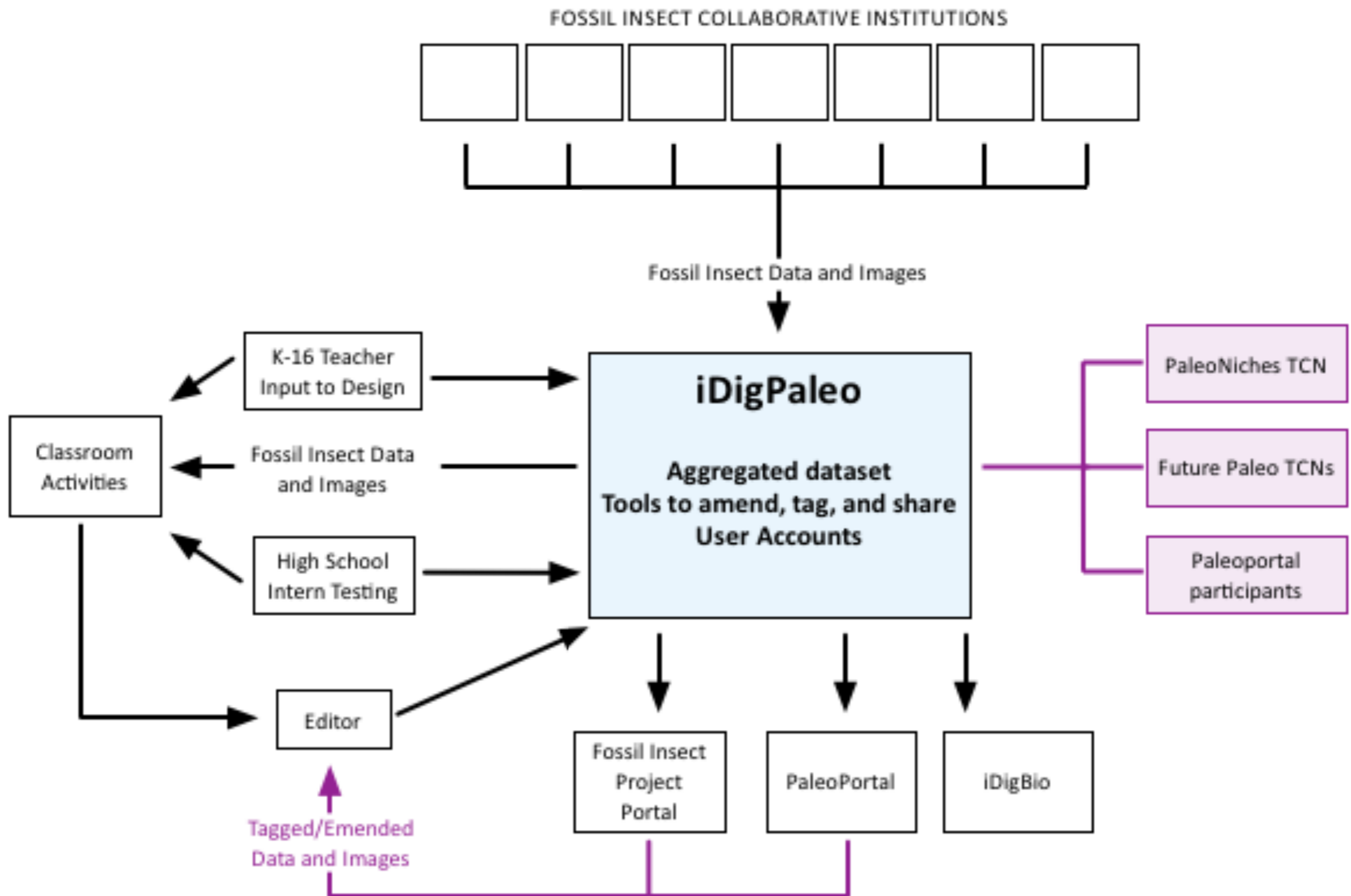


Internship Partnership for Museum Professionals

- CUMNH and MCZ collaboration
- Internship program:
 - Training and hands-on experience in museum collections
 - Digitization of MCZ fossil insects and other professional development



Broader Impacts Overview



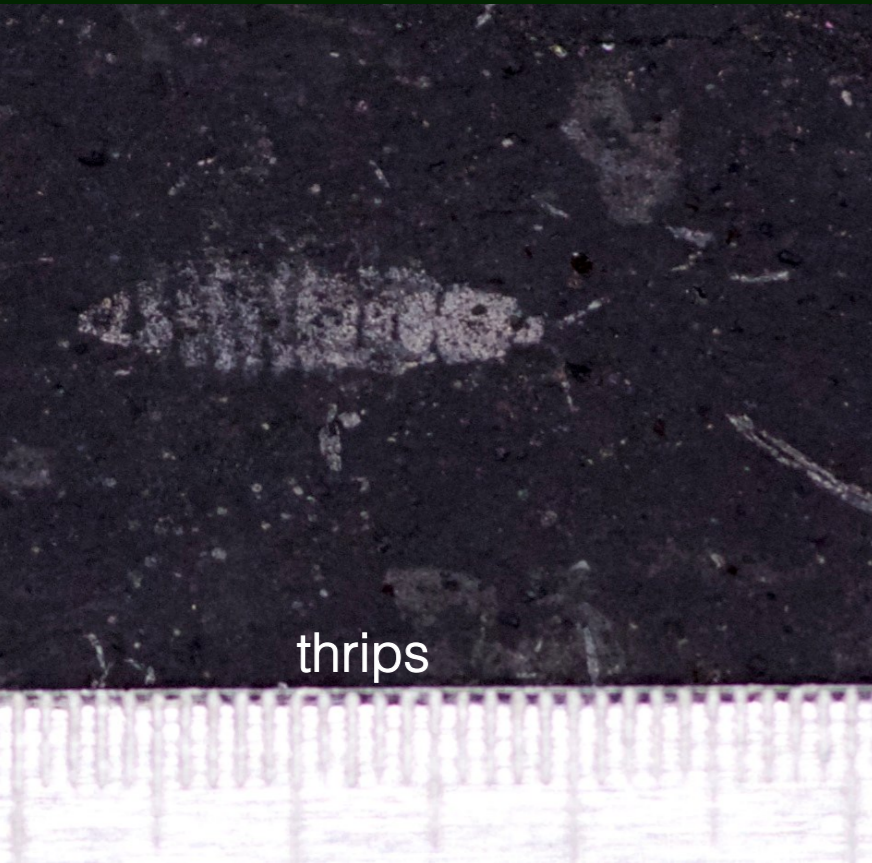
VMNH: Solite Quarry Triassic Insects

Digitizing from Step 1

- No
- TO
- Ma
- br



Solite Insects: A sampler



VMNH E&O

- Make database available online
- Make phone app to supplement current Solite Exhibit; also serve as stand alone app



Code Coalition

Thank you! Questions?

