



**fossil
insect**
COLLABORATIVE



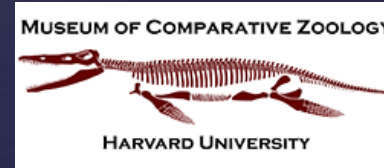
Talia Karim- University of Colorado
Museum of Natural History

Fossil Insect Collaborative

& Seven institutions:
 & Dena Smith-lead PI



& Two partner institutions:



Fossil Insect Collaborative



- The Plan:**
- ⌘ Over four years
 - ⌘ Database ~500,000 specimens
 - ⌘ ~77,000 digital images
 - ⌘ Data sharing
 - ⌘ iDigPaleo development

Start Date July 2013

Fossil Insect Collaborative



& 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

Fossil Insect Collaborative



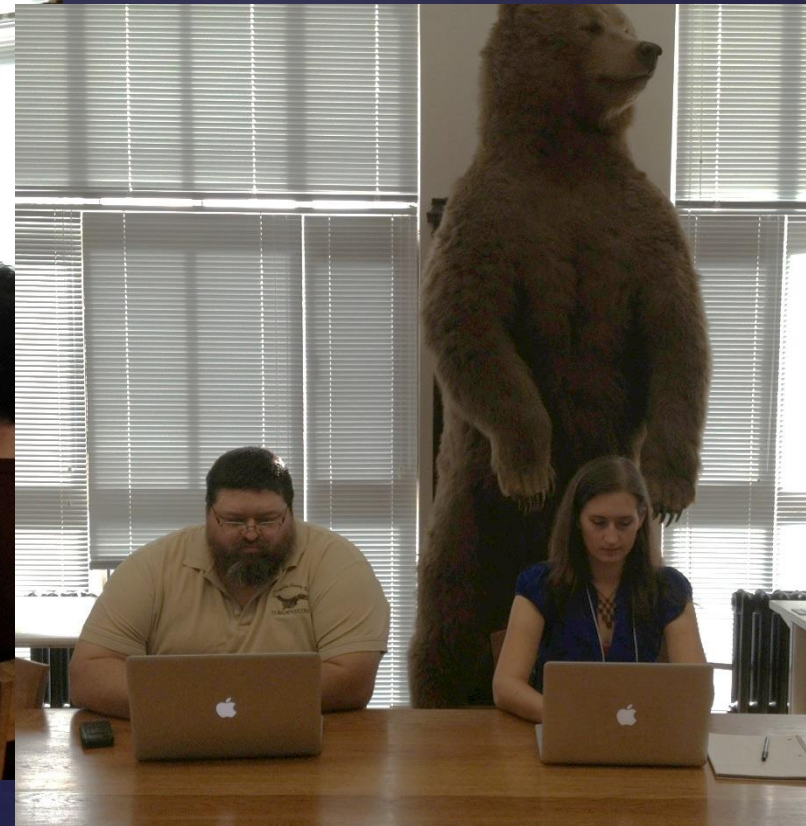
& Paleo Digitization Workshop - Yale, Fall 2013



Fossil Insect Collaborative



& TCN Year 1 Meeting-Yale, Fall 2013



Fossil Insect Collaborative



- The Plan:**
- ⌘ Over four years
 - ⌘ Database ~500,000 specimens
 - ⌘ ~77,000 digital images
 - ⌘ Data sharing
 - ⌘ iDigPaleo development

 - ⌘ Georeferencing
 - ⌘ Taxonomic authority files
 - ⌘ Metadata standards

Fossil Insect Collaborative



- Year 1:**
- ⌘ ~94,323 specimens records
 - ⌘ ~10,500 digital images
 - ⌘ Data sharing
 - ⌘ Institutional websearches
 - ⌘ GBIF
 - ⌘ iDigPaleo-beta testing



Fossil Insect Collaborative



Year 1:

A screenshot of the Facebook page for the Fossil Insect Collaborative-Digitization Project. The page header shows the name and search bar. The main cover image features the text "Having a Fossiliferous National Fossil Day!" over a background of fossilized insects. Below the cover is the profile picture and name "Fossil Insect Collaborative-Digitization Project" with "Education" as the category. The page has 240 likes and a list of people who liked it, including Chris Norris, Lindsay Walker, and 45 others. There are also options to "Find New Customers" and "Promote Page". The main content area shows a status update from Lindsay Walker asking "What have you been up to?". Below that is a link shared by the project about GSA Vancouver sessions, with a text announcement: "**#FossilFriday newflash!** There are less than five days until the collections digitization sessions begin at GSA Vancouver! (sessions 288, 342, & 219)". A poster link is provided: <https://gsa.confex.com/gsa/2014AM/webprogram/Session36615.html>. A session announcement for "Advancing the Digitization of Paleontology and Geoscience Collections: Projects,..." is also visible. The page footer shows "Like · Comment · Share" and a list of people who liked the post, including Sam Heads, Talia Karim, and Alton Dooley.

Fossil Insect Collaborative



Year 1:



& Paleo imaging workshop-
Austin, April
2014



Fossil Insect Collaborative



Year 1:



& Specify for Paleo
Collections-
Lawrence, May
2014

Fossil Insect Collaborative



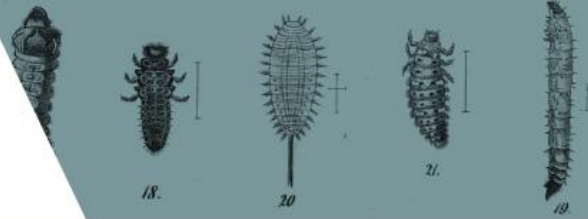
The Unexpected-Year 1:

- ⌘ iDigPaleo development moved up
- ⌘ Over 36,000 specimen records edited
- ⌘ Equipment delays

The iDigPaleo logo, which includes a stylized insect head in a circle above the text "iDigPaleo".

iDigPaleo

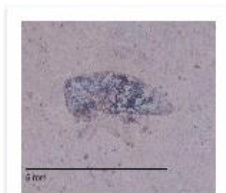
- ⌘ Central portal for sharing Fossil Insect TCN data
- ⌘ Aggregate and send data to iDigBio
- ⌘ Education and outreach tools
- ⌘ Potential to incorporate future Paleo TCNs



169 SPECIMEN RESULTS



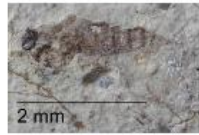
HAS MEDIA: HAS MEDIA



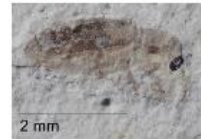
CUMNH UCM 37048
Curculionidae



CUMNH UCM 37078
Coleoptera



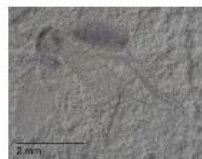
CUMNH UCM 37080
Insecta



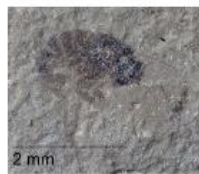
CUMNH UCM 37081
Curculionidae



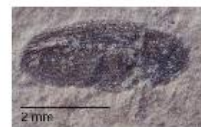
CUMNH UCM 37090
Curculionidae



CUMNH UCM 37091
Diptera



CUMNH UCM 37098
Coleoptera



CUMNH UCM 37119
Coleoptera

FILTER BY

SOURCE

University of Colorado Museum of Paleontology

CONTINENT

North America

SYSTEM

Paleogene

SERIES

Eocene

Eocene M

PERSON

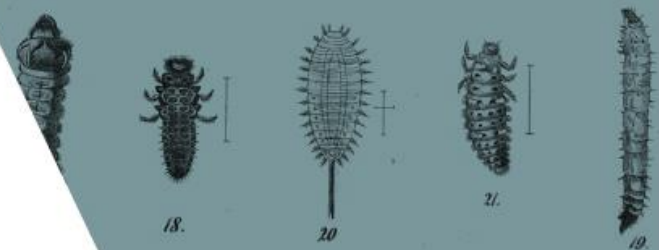
Clarke, Laura

Hollis, Kathy

Karim, Talia

Levy, Rick

Walker, Lindsay

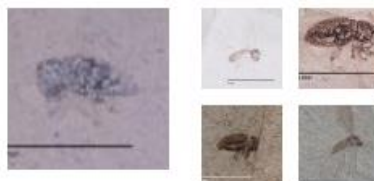


LIGHTBOXES 

TEST COLLECTION 1



CLASSROOM COLLECTION



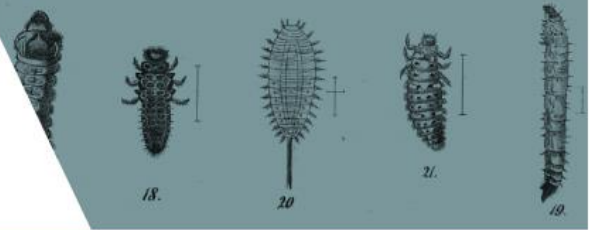
activity stream

Chris Norris changed an item in Classroom Collection
10/7/14 2:52PM

Chris Norris changed an item in Classroom Collection
10/7/14 2:51PM

Chris Norris added an item to Classroom Collection
10/7/14 2:51PM

Chris Norris changed an item in Classroom Collection
10/7/14 2:51PM



CLASSROOM COLLECTION 



5 mm

???, Karim, Talia



5 mm

???



5 mm

???, Karim, Talia



5 mm

???, Karim, Talia

add your comment

SAVE



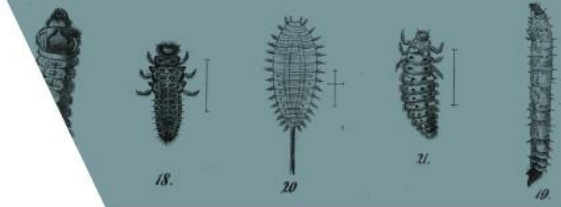
2 mm

???

0 comments

This looks like a mosquito

SAVE



Insecta

CUMNH UCM 42979

University of Colorado Museum of Paleontology

TAXONOMY

Invertebrates > Arthropoda > Insecta

STRATIGRAPHY

Chronostratigraphy

Paleogene, Eocene M

Lithostratigraphy

Green River Formation, Parachute Creek?

LOCALITY

North America > USA > CO > Garfield > DON - Donnell Site

COMMENTS (0)

SHARE

Footer text here

[Link 1](#) [Link 2](#) [Link 3](#)

powered by [CollectiveAccess](#) 2014



Fossil Insect Collaborative



Outreach:
& Yale



Fossil Insect Collaborative



& Future Plans:

- ∅ Amber prep workshop
 - ∅ February 2015- AMNH



∅ iDigPaleo:

- ∅ Assimilate more data
- ∅ Launch and test with Evolutions at Yale

