



# Fossil Insect Collaborative

A deep-time approach to studying diversification and response to environmental change



# Project Goals

The Fossil Insect Collaborative will make available all the major collections of fossil insect specimens in the United States by creating electronic specimen records consisting of digital images and associated collection data.



# Fossil Insect Collaborative

~500,000 fossil insect specimens, images and associated metadata

Funded through NSF – Advancing the Digitization of Biological Collections

Project Duration: 4 Year Project

Start Date: July 15<sup>th</sup>, 2013

Amount funded: ~2.3 million (overall)



# Partners - PIs

American Museum of Natural History

CU Museum of Natural History

Illinois Natural History Survey

Museum of Comparative Zoology – Harvard

University of Kansas Biodiversity Institute

Virginia Museum of Natural History

Yale Peabody Museum of Natural History

# Collaborating Institutions

Florissant Fossil Beds N.M. – Herbert Meyer

National Museum of Natural History - Smithsonian

–Kathy Hollis, Finnegan Marsh, Conrad Labandeira

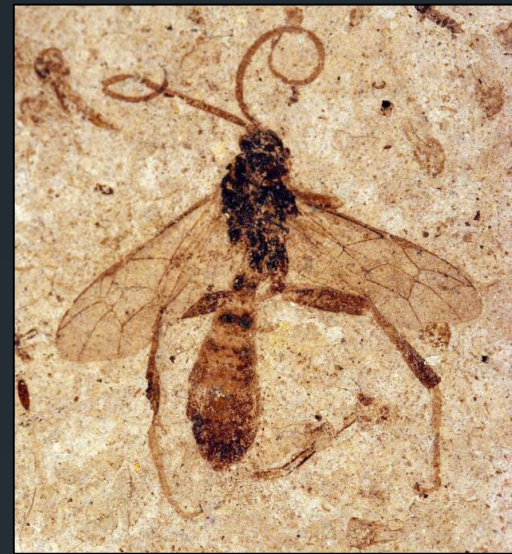




# Intellectual Merits

- Advancing Environmental Change Research in Deep-Time
- Advancing Insect Diversification Research
- Enhancing International and cross-disciplinary collaboration

# Broader Impacts



- Project Website – [fossilinsects.colorado.edu](http://fossilinsects.colorado.edu)
- Development of iDigPaleo
- Development of mobile apps and modules
- Testing of activities in EVOLUTIONs after school program at Yale-Peabody
- SHRMP (Science High School Research Mentoring Program) at AMNH
- Undergraduate/Graduate Internship Program at MCZ



# Future Partners

## ***PENs***

Burke Museum – University of Washington

Field Museum – Chicago

Milwaukee Public Museum

UC Berkeley

DMNS

Montana State Unive

## ***Cross - TCN Collaborations***

Southwest Collections of Arthropods Network

Tri-Trophic Interactions TCN

PaleoNiches TCN



Join Us!

