

# Peru researchers make rare ancient insect find

August 10 2011

---



A picture released in Lima by the Peruvian Paleontological Meyer-Hönningen Museum of Chiclayo in northern Peru, shows detailed fossilized insect remains preserved in amber for over 23 million years, found in an excavation in the Santiago river basin, in the Amazon region (which borders Ecuador).

Researchers in Peru said Tuesday they have discovered the remains of ancient insects and sunflower seeds trapped inside amber dating from

the Miocene epoch, some 23 million years ago.

The rare find was made in the remote mountainous jungle region near Peru's northern border with Ecuador, [paleontologist](#) Klaus Honninger told AFP.

"These [new discoveries](#) are very important, because the insects and sunflower seeds confirm the type of climate that existed during the Miocene period," Honninger said in a telephone interview from the northern city of Chiclayo.

The paleontologists discovered "hundreds of pieces of amber up to 12 centimeters (five inches) large containing several types of insects," Honninger said.

The insects trapped in the amber -- fossilized tree resin -- are extremely well preserved and include ancient beetles, barklice, flies and spiders.

Honninger, director of the Chiclayo-based Meyer-Honninger Paleontology Museum, said that the experts discovered "an unknown species of arachnid" with a head like a dog and legs four times longer than the body.

The discovery was made in April in the Santiago River area of northern Peru.

Extreme climate change from the Miocene epoch (23 to five million years ago) was likely the reason the [insects](#) became extinct, Honninger said.

The same team of researchers announced in January it had discovered a fossilized squid from the Cretaceous era (145 to 65 million years ago) some 3,700 meters (12,100 feet) above sea level in the Marañon River

Valley, also in far northern Peru.

(c) 2011 AFP

Citation: Peru researchers make rare ancient insect find (2011, August 10) retrieved 20 September 2024 from <https://phys.org/news/2011-08-peru-rare-ancient-insect.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--