

Project Update: December 2011

The project started on April 2011. All planned field trips were conducted. Until now, the species *Jimeneziella decui* wasn't found in Majana cave, the type locality; neither was it collected outside caves. This could confirm their troglobite condition also supported by their troglobitic morphological characters. In the zoological collections we didn't find other epygean records of this species, instead were found several specimens of *Decuella cubaorientalis*, inhabiting epygean ecosystems from other localities of Guantanamo, demonstrating that it is not troglobitic as previously recorded. The extraction of guano embraces other caves than La Majana, so we are working hard on this problem. In the farmers' workshop we introduced the compost as an alternative to bat guano extraction and discussed how to obtain compost and their benefits. Also we treated the hunt of the endemic species *Jutia conga*, Cuban boa and Cuban iguana and were determinate the needs and rules to construct jutias' captive breeding sites for human sustainable consumption. We continued the environmental education, including new schools. The training to technicians in collects and monitoring of cave fauna was completed.



Cave fauna laboratories at schools



Farmer workshop