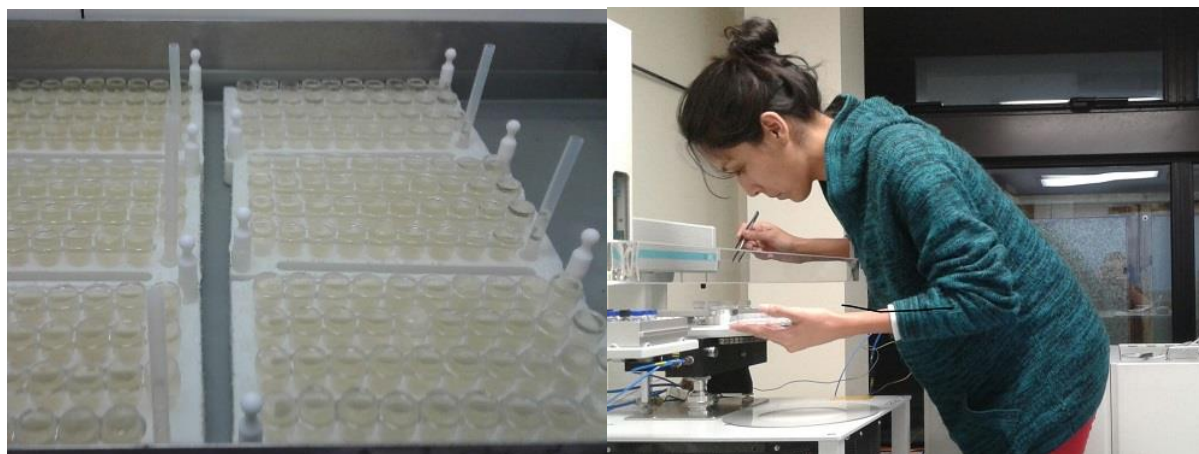


## Project Update: January 2017

Fieldwork was carried out in six sample sites covering *Cedrela odorata* broad distribution in Bolivia. Samples from *C. fissilis* were collected from five sample sites in Santa Cruz. After extracting flakes of annual and a bulk of the last 10 tree rings, cellulose was extracted from the organic wood samples using the adapted Jayme-Wise method. Hemicellulose was then oven-dried at 50°C. All cellulose samples are being analysed at the moment in a continuous flow mode with an element analyser coupled to a mass spectrometer at Leicester Environmental Stable Isotope Laboratory, University of Leicester, United Kingdom.



Left: Selection of tree rings, previously dated, for flake extraction. Right: Cellulose extraction from *Cedrela odorata* samples.



Left: Resulting hemicellulose extracted from *Cedrela odorata* samples. Right: Sample sorting into the mass spectrometer for  $^{18}\text{O}$  stable isotopes analysis.