

## **Project Update: November 2010**

Between June and August 2010, 10 species were selected to be used for ecological restoration of riverbanks. We considered ecological information (vegetation census) as well as social information (workshops with local communities). We located at least six individuals of each species and collected seeds from them. We also constructed a nursery plant enclosure where more than 1,000 plants were produced.

At the same time, 10 experimental plots were fenced to prevent entry of livestock.

Prior to transplant trees we characterised the initial condition of all treatments according to: (1) microclimate: relative humidity, temperature and light intensity with a data logger (HOBO); (2) edaphic condition: soil bulk density as an indicator of compaction; and (3) biological condition: biomass of grasses, hardwoods, shrubs and trees (functional groups).

In October 2010, over 500 trees of six species were transplanted to the experimental plots. We expect to transplant other 300 trees in December 2010.

