

Project Update: May 2015

This project aims to evaluate the growth dynamics of *Nothofagus macrocarpa* and the genetic variability of five remaining populations. We collected wood samples for dendrochronological analysis and fresh leaves for molecular analysis.

Aiming to plan the logistics of data collection (accommodation, meals, transport, guide, etc), a first visit to the five areas of study was carried by me in March 2015. Sampling was performed in April 2015 by four of the five team members (Alejandro, Pablo, Claudio and Karen) followed by one more assistant.

Wood samples were brought to the Wood Anatomy and Tree-Ring Laboratory in the Department of Forest Sciences of University of São Paulo, Brazil. Leaves were sent to the Ecotone Laboratory of National University of Comahue, Argentina.



The first area visited was *Reserva Nacional Robleria del Cobre de Loncha*, between April 6th and 8th. Wood samples and leaves were collected from 22 trees.

The second area visited was *Santuario de la Naturaleza Alto Huemul*, in *Sierra de Bellavista* between April 9th and 11th. Wood samples and leaves were collected from 30 trees.



The third area visited was *Santuario de la Naturaleza Altos Cantillana* between April 12th and 14th. Wood samples and leaves were collected from 27 and 30 trees, respectively.

The fourth area visited was *Parque Nacional La Campana* between April 15th and 17th. Wood samples and leaves were collected from 30 trees.



The fifth area visited was *Santuario de la Naturaleza Cerro El Roble* between April 16th and 19th. Wood samples and leaves of 30 trees were collected.