



UPPSALA
UNIVERSITET

If you are interested in **palaeogenetics** (the study of the genetics of ancient organisms) and want to develop your skills in **ancient DNA** analyses, then we have a degree project for you!

We offer degree at the **bachelor's and master's level in biology**.

Our expertise lies in palaeogenetics of plants and in particular in the study the ecology and evolution of forest plant populations. We study how abundance, type and ranges of forests have changed during the climatic events of the last thousands of years.

As material of our studies we use mainly ancient DNA from pollen, microfossils and sedimentary material found in lake sediments from all over Europe. For our analyses we use state-of-the-art DNA sequencing techniques (NGS shotgun sequencing and metabarcoding) in our newly established ancient DNA laboratory at Uppsala University as well bioinformatic methodologies for the analyses of the data.



You can contact me for more information at laura.parducci@ebc.uu.se and if you want to know more about me and our group's work, have a look also at <http://www.ieg.uu.se/plant/parducci-group/> and <http://laurap.it/Home.html>

Uppsala University/Department of Ecology and Genetics (program in Plant Ecology and evolution)