

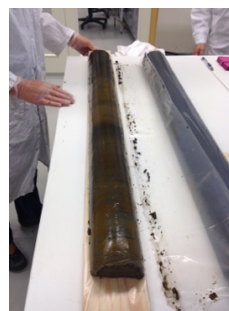
Degrees at the bachelor and master level in biology

If you are interested in **Palaeogenetics** and want to develop your skills in **ancient DNA** analyses of plants, then we have a degree project for you.



Our expertise lies in **palaeogenetics** of plants (the study of the genetics of ancient plant remains) 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, macrofossils and sediments** found in lakes from all over Europe. For our analyses we use state-of-the-art DNA sequencing techniques (NGS shotgun sequencing-capture and metabarcoding) in our new 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 our group's work, have a look at our homepage at <http://www.ieg.uu.se/plant/parducci-group/> and <http://laurap.it/Home.html>

Laura Parducci

Uppsala University/Department of Ecology and Genetics (program in Plant Ecology and evolution); 018 471 64 14.