

Project Update: July 2017

Laboratory analyses

In February and June 2017 we conducted genetic analyses in Laboratory of Genetics in Mammal Research Institute in Bialowieza, Poland, where we amplified part of control region (CR) of mitochondrial DNA for wolf samples from Europe. We amplified part of CR mtDNA for wolves from Bosnia and Herzegovina and Serbia in Laboratory of Genetics at the Faculty of Sciences, University of Novi Sad, as well. We will download sequences from GeneBank for wolves from all parts of Europe and after we finish analyses we will be in possibility to discuss about wolves phylogeography in Europe and Bosnian wolves position among European wolves. Results will be published in Journal on SCI list.

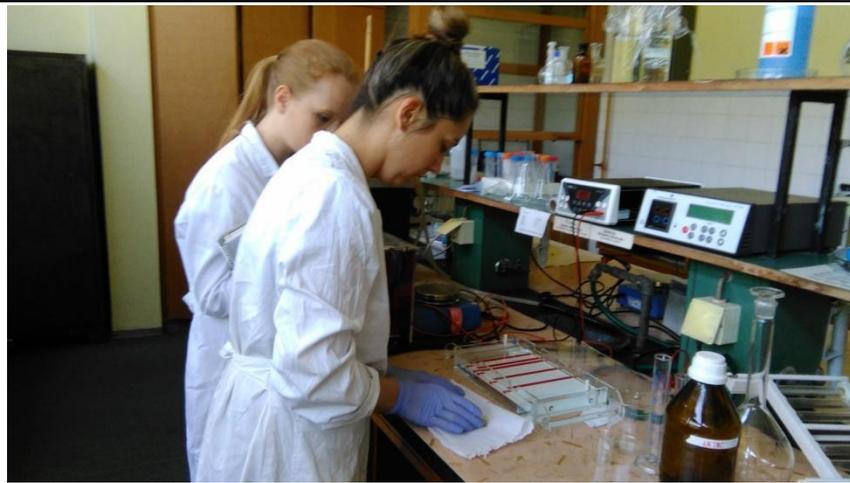
Furthermore, we conducted analyses in Laboratory of Genetics at the Faculty of Sciences, University of Novi Sad, where we amplified 18 microsatellite loci using The Canine Genotypes™ Panel 1.1 kit (Finnzymes, Thermo Fisher Scientific, Finland). These results will allow us to investigate level of genetic variability and population structure for wolves from Bosnia and Herzegovina. These results are of huge importance for future conservation activities.

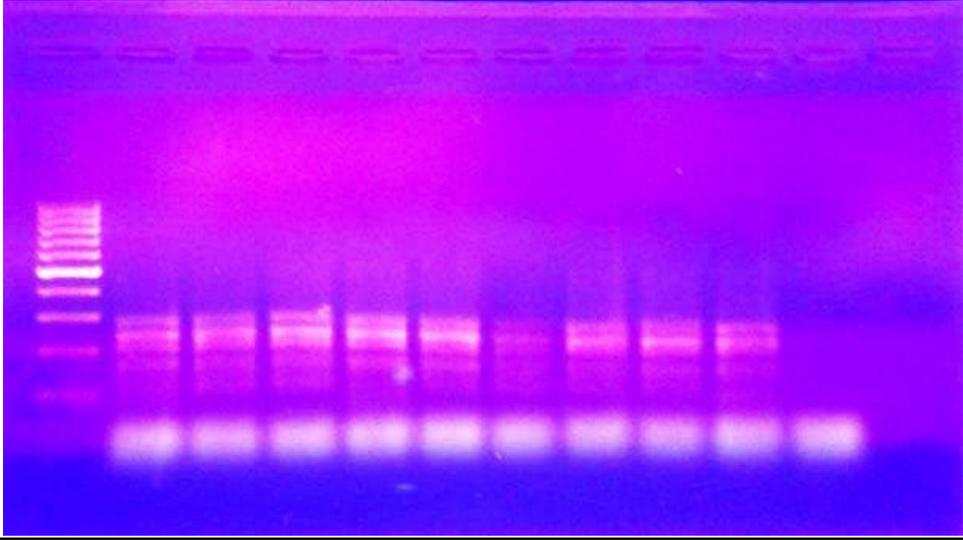
All chemicals, travel and living costs were provided by Laboratory of Genetics, Mammal Research Institute in Bialowieza and Laboratory of Genetics, Faculty of Sciences, University of Novi Sad.

Laboratory of Genetics, Mammal Research Institute, Bialowieza, Poland

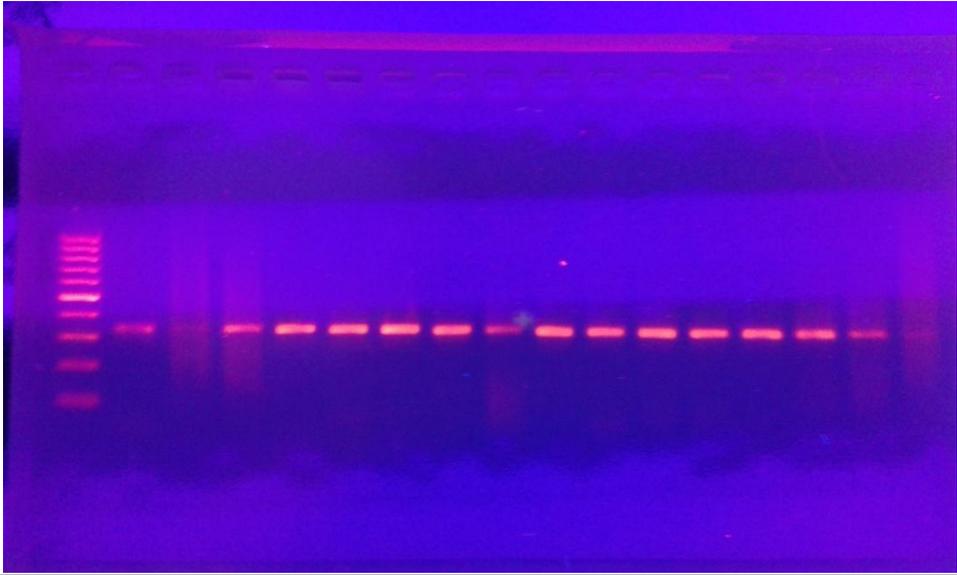


Laboratory of Genetics, Faculty of Sciences, University of Novi Sad, Serbia





Microsatellite loci



CR mtDNA