

INFORMATION ABOUT THE PERSON FILLING THE FORM	
Name and family name	Marko Bajc
Research organization	Slovenian Forestry Institute
Position in the organization	Research assistant
Country	Slovenia
E-mail	marko.bajc@qozdis.si
FACILITY ¹	
Name of the facility	Laboratorij za gozdno genetiko / Forest Genetics Laboratory http://en.qozdis.si/home/
Location of the facility	Slovenia Večna pot 2, 1000 Ljubljana, Slovenia, EU. UTM coordinates: Latitude/Longitude
Start date	1993 (renovated 2012-2013)
Type of facility	Laboratory equipped for analyses in the field of molecular genetics
Keywords	Laboratory, molecular genetics
Scientific characteristics	<p><u>Scientific objectives:</u> providing capacity to perform a broad spectrum of analyses and research in the field of forest molecular genetics: genotyping/molecular identification, population genetics, phylogeny, phylogeography, conservation genetics, genetic-based forest protection, molecular biodiversity. Authorised for: molecular identification needed for certification of forest reproductive material and for carrying out procedures for authorisation of forest seed stands and managing the register thereof.</p> <p><u>Interest for users:</u> providing a broad spectrum of equipment and expertise in the field of forest molecular genetics targeting different organisms including plants, animals, fungi and prokaryotes. Specialised in analyses of mycorrhizal, rhizosphere and other fungi and of their communities.</p> <p>Complements the Forest reproductive material certification and technology laboratory at SFI (unique in Slovenian forestry)</p> <ul style="list-style-type: none"> - Carbon dynamics in forest soils and the rhizosphere, L4-4318. - Designation of measures to ensure genetic-based forest protection, V4-1140. - Water exclusion as a measure of efficiency of protection of wood against wood-decomposing fungi, L4-5517. - EUFORINNO: European Forest Research and Innovation, RegPot No. 315982 (http://euforinno.qozdis.si/presentation/).
Technical characteristics	<ul style="list-style-type: none"> - GeneAmp® PCR System 9700 and Veriti® 96-well PCR cyclers (Applied Biosystems®) - PRISM® 310 Genetic Analyzer (Applied Biosystems®) - 7500 Real-Time PCR System (Applied Biosystems®) - Gel Doc™ UV/Vis Gel image viewer/documentation system (Bio-Rad) - DCode™ Universal Mutation Detection System (DGGE/TTGE) (Bio-Rad) - Agarose gel horizontal electrophoresis systems (Bio-Rad) - UV-1800 UV/Vis Spectrophotometer with Hellma® TrayCell™ (Shimadzu) - MM301 Ball Mill/Homogenizer (Retsch)

¹ Note: This information could be published in the webpage of FORESTERRA.

	<ul style="list-style-type: none"> - LIO-5PLT Freeze dryer (Kambič laboratorijska oprema) - BIO II Advance 4 Class II biological safety cabinets (Telstar®) - Ascent® Max ADC-4E Ductless fume hood (Esco®) - HEPA/UV3 PCR cabinet (UVP®) - BioNumerics® v6.1 Universal software platform for databasing and analysis of all biological data (Applied Maths) - The nucleotide sequences are interactively analysed and deposited in The International Nucleotide Sequence Databases including UNITE database (Unified system for the DNA based fungal species linked to the classification - http://unite.ut.ee/) and GenBank (https://www.ncbi.nlm.nih.gov/) <p>DNA sequence, DGGE (community structure) profiles, nucleic acids concentration, DNA fragment size, nucleic acids migration.</p> <p>If there is any file, map or images relevant about this infrastructure, please attach it (indicating here the name of the file).</p>
SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE FACILITY	
Principal investigator	Marko Bajc, marko.bajc@gozdis.si
One line for each additional person	Hojka Kraigher, hojka.kraigher@gozdis.si
ADMINISTRATIVE INFORMATION	
Availability for participating in mutual measurements	<p>Yes</p> <p>Marko Bajc, marko.bajc@gozdis.si</p> <p>Hojka Kraigher, hojka.kraigher@gozdis.si</p> <p>Conditions or Policy of use: individual agreement/contract</p>
Availability for accessing the data collected	<p>Yes</p> <p>Marko Bajc, marko.bajc@gozdis.si</p> <p>Hojka Kraigher, hojka.kraigher@gozdis.si</p> <p>Tine Grebenc, tine.grebenc@gozdis.si</p> <p>Conditions or Policy of use: individual agreement/contract</p>
Institution that manages the facility	<p>Gozdarski inštitut Slovenije / Slovenian forestry institute</p> <p>http://en.gozdis.si/home/</p>
Structure or institution which manages the data	<p>Gozdarski inštitut Slovenije / Slovenian forestry institute</p> <p>http://en.gozdis.si/home/</p>
Is the facility participating in a national or international Network?	<p>UNITE database</p> <p>http://unite.ut.ee/</p>
Is the facility open for transnational collaboration?	Conditions under development