



FORESTERRA

Enhancing FOrest RESearch in the MediTERRAnean through improved coordination and integration



INFORMATION ABOUT THE PERSON FILLING THE FORM

Name and family name	<i>Nevenka Čelepivoić, PhD</i>
Research organization	<i>Croatian Forest Research Institute</i>
Position in the organization	<i>Head of Laboratory of molecular-genetic testing</i>
Country	<i>Croatia</i>
E-mail	<i>nevenkac@sumins.hr</i>

FACILITY¹

Name of the facility	<i>LMGI, Laboratorij za molekularno-genetička ispitivanja; LMGT, Laboratory of molecular-genetic testing Short name and complete name (Original language and English translation)</i> <i>www.sumins.hr</i>
Location of the facility	<i>Croatia Country</i> <i>Cvjetno naselje 41, 10450 Jastrebarsko Postal address</i> <i>UTM coordinates: Latitude/Longitude</i> <i>Latitude : 45.667</i> <i>Longitude : 15.667</i>
Start date	<i>2001 Year since the facility has been operative</i>
Type of facility	<ol style="list-style-type: none"> 1. Centrifuge, 2. Lambda 1A UV/VIS spectrophotometre, 3. UV P.C.R. chamber 4. Thermal cycler PTC 100, 5. Horizontal electrophoresis units, 6. Transilluminator, Camera A50, Photodocumentation system UVIsave, 7. Bioanalyzer Agilent 2100. <p><i>Example: Elemental analyser coupled with isotopic ratio mass spectrometer</i></p>
Keywords	<i>DNA isolation, PCR, DNA amplification</i> <i>3-5 keywords to describe the facility and its objectives</i>
Scientific characteristics	<p><i>Scientific objectives:</i> The genetic diversity and adaptability of the forest tree populations to the climate change.</p> <p><i>Interest for users</i></p> <p><i>Particularities in comparison to similar facilities</i></p> <p><i>Research projects in the frame of which the facility is used (include web site address)</i> <i>Forest tree breeding and seed science, http://zprojekti.mzos.hr</i></p>
Technical characteristics	<p><i>Detailed description of instrumentation</i></p> <ol style="list-style-type: none"> 1. Centrifuge, Hettich Zentrifugen, Rotina 35R, 4°C-RT, 1500 rpm. 2. Lambda 1A UV/VIS spectrophotometer, PerkinElmer, Wavelength range: 190-1100 nm.

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



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	<p>3. UV P.C.R. chamber, PLAS LABS, INC., fluorescent and UV germicidal lamps.</p> <p>4. Thermal cycler PTC 100, MJ research, Thermal range: 0-100°C, Sample capacity: 96-well, Memory : 360 programs.</p> <p>5. Horizontal electrophoresis units, Scie-Plas Limited, HU13, 16 sample.</p> <p>6. Transilluminator BTS 20.M, 6x8W-312 nm tube, 96 W, Camera A50 : Zoom : 8.5x51/1.2, extra lens + lens shield : 2D, Filter : F590 M58, Photodocumentation system UVIsave.</p> <p>7. Bioanalyzer Agilent 2100, Agilent Technologies, GmbH, Chip Primig Station for DNA assay</p>
	<i>Measured parameters: quality, quantity and amplification of DNA</i>
	<i>If there is any file, map or images relevant about this infrastructure, please attach it (indicating here the name of the file).</i>

SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE FACILITY

Principal investigator	<i>Nevenka Čelepirović, PhD, nevenkac@sumins.hr Name and e-mail address</i>
One line for each additional person	<i>Name and e-mail address</i>

ADMINISTRATIVE INFORMATION

Availability for participating in mutual measurements	<p><i>Yes Nevenka Čelepirović, PhD, nevenkac@sumins.hr</i> <i>If yes, Name and e-mail address of the contact person</i></p> <p><i>Conditions or Policy of use</i></p>
Availability for accessing the data collected	<p><i>Yes Nevenka Čelepirović, PhD, nevenkac@sumins.hr</i> <i>If yes, Name and e-mail address of the contact person</i></p> <p><i>Conditions or Policy of use</i></p>
Institution that manages the facility	<p><i>HŠI, Hrvatski šumarski institut; CFRI Croatian Forest Research Institute Name (Original language and English translation)</i></p> <p><i>www.sumins.hr</i></p>

Continue

Structure or institution which manages the data	<p><i>Name (Original language and English translation)</i></p> <p><i>URL address</i></p>
Is the facility participating in a national or international Network?	<p><i>Name (Original language and English translation)</i></p> <p><i>URL address</i></p>
Is the facility open for transnational collaboration?	<i>Conditions:</i>