

INFORMATION ABOUT THE PERSON FILLING THE FORM	
Name and family name	<i>M. Cristina Monteverdi</i>
Research organization	<i>CRA-SEL</i>
Position in the organization	<i>Researcher</i>
Country	<i>Italy</i>
E-mail	<i>mcristina.monteverdi@entecra.it</i>
FACILITY ¹	
Name of the facility	<i>Lab for Forest Genetic Resources - FORGEN</i> <i>http://selvicoltura.eu/cont_E_5124.phtml</i>
Location of the facility	<i>Italy</i> <i>52100</i> <i>Lat. N: 43°27'; Long. E: 11°56'</i>
Start date	<i>Since 1980</i>
Type of facility	<i>- Laboratory on Phenology and adaptive traits (Phenoforest) on adult trees, young trees, sharing protocols and Phenotyping/phenology data sets (Treebreedex, Trees4Future) on: wild cherry, walnut, Douglas fir, silver fir.</i> <i>- Laboratory on Tissue culture: Wild Cherry and Sorbus. Research on micropropagation, organogenesis, development of propagation protocols. Aim: propagation of selected genotypes (Wild Cherry, Sorbus spp.), selection of genotypes resistant to stress or pathogens, screening wild cherry clones for resistance to four Phytophthora species.</i> <i>- Lab. For Genetic Molecular and biochemical markers, Molecular and biochemical markers as nSSR, cSSR, AFLP, isoenzymes and proteins .</i>
Keywords	<i>Phenology and adaptive traits, tissue culture, molecular and biochemical markers, micropropagation, isoenzymes and proteins</i>
Scientific characteristics	<i>Monitoring, genetic parameters (molecular and biochemical markers), improving and breeding forest genetic resources for their productive and adaptive value, more focus has been recently addressed on their adaptive trait variations. Conservations techniques in situ and ex situ.</i> <i>Study of genetic variation and structure of populations; fingerprinting of genotypes; assisted selection of basic materials for nursery; selection for tolerance to pathogens and abiotic stresses; characterization of related proteins for resistance to pathogens. Studies developed for dynamic management, gene-flow studies, gene-pool conservation models. Study of phenology and adaptive traits.</i> <i>-</i> <i>-</i>
Technical characteristics	<i>Equipment:</i> <ul style="list-style-type: none"> • <i>Dendrochronograph LINTABTM6 Rinntech, and related software programs for the acquisition and analysis of imagines</i> • <i>Optical microscope AXIOLAB equipped with AXIOCAM IC Carl Zeiss and related software programs for the acquisition and analysis of imagines</i> • <i>microtome GSL1 Sledge Microtome</i> • <i>microtome WSL Core – Microtome</i>

	<ul style="list-style-type: none"> • 2 PCR: Termal Cycler PTC- 200 DNA Engine Cycler, e Mastercycler pro S Eppendorf • 1 sequencer ABI PRISM 310 • 1 vertical laminar flow hood • 3 hoods • 2 mini- cells to agarose BioRad • 1 transilluminator BioRad • 1 autoclave • 1 medium-sized autoclave • 2 horizontal laminar flow hoods • 1 colture room • 1 bidistiller
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	<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>Fulvio Ducci</i>
One line for each additional person	<i>Anna De Rogatis, Maria Cristina Monteverdi.</i>
ADMINISTRATIVE INFORMATION	
Availability for participating in mutual measurements	<p>Yes, <i>contact Fulvio Ducci, fulvio.ducci@entecra.it</i></p> <p><i>The access is free under some copyright restrictions: responsible for the establishment and maintenance of every site has to be properly considered for contribution to papers or project proposals deriving from the use of the RI.</i></p>
Availability for accessing the data collected	<p>Yes, <i>contact Fulvio Ducci, fulvio.ducci@entecra.it</i></p> <p><i>The access is free under some copyright restrictions: responsible for the establishment and maintenance of every site has to be properly considered for contribution to papers or project proposals deriving from the use of the RI.</i></p>
Institution that manages the facility	<p>CRA-SEL (Forestry Research Centre)</p> <p>www.selvicoltura.eu</p>
Structure or institution which manages the data	<p>CRA-SEL (Forestry Research Centre)</p> <p>www.selvicoltura.eu</p>
Is the facility participating in a national or international Network?	<p>Yes</p> <p><i>Please, contact the responsible or visit the website (</i> http://selvicoltura.eu/cont_E_5140.phtml<i>)</i></p>
Is the facility open for transnational collaboration?	<p><i>Conditions:responsible for the establishment and maintenance of every site has to be properly considered for contribution to papers or project proposals deriving from the use of the RI. On the website</i> http://selvicoltura.eu/cont_E_5140.phtml<i>) it is possible to found the responsible for every trial.</i></p>