

INFORMATION ABOUT THE PERSON FILLING THE FORM	
<b>Name and family name</b>	<i>Angel Ferezliev</i>
<b>Research organization</b>	<i>Forest Research Institute-Bulgarian Academy of Sciences</i>
<b>Position in the organization</b>	<i>Chief Assist.prof, PhD, Head of Experimental Station on Coniferous Forests-Velingrad</i>
<b>Country</b>	<i>Bulgaria</i>
<b>E-mail</b>	<i>obig@abv.bg</i>
EXPERIMENTAL SITE <sup>1</sup>	
<b>Name of the site</b>	<i>ПОП/Постоянна опитна площ, м.Бухльовица</i> <i>EP/ Permanent exsperimental plot, Locality Buhlovica</i>
	<i>URL address</i>
<b>Location of the site</b>	<i>Bulgaria,Pazardjik, Velingrad</i>
	<i>Postal address, 4600</i>
	<i>UTM N 35 coordinates: Latitude/Longitude 42°02'5.52'/ 23°58'11.12</i>
<b>Start date</b>	<i>Year since the experimental site has been operative- created 1962, resumed 2012</i>
<b>Characteristics of the forest ecosystem where it is located</b>	<p><i>Most relevant features:</i></p> <ul style="list-style-type: none"> <li>- <i>Vegetation:, Austrian black pine (Pinus nigra Arn.), , Scotch pine (Pinus sylvestris L.)</i></li> <li>- <i>Soil characteristics: Distric, Eutric Cambisols, clay-sandy, average-stony, loose,average-deep, fresh, bedrock-granite, average-rich</i></li> </ul> <ul style="list-style-type: none"> <li>- <i>Mean annual temperature- 8.9°C</i></li> <li>- <i>Mean annual rainfall-567,1mm</i></li> <li>- <i>Altitude, slope, aspect/ 850 m.,7%, south</i></li> <li>- <i>others... Thracian forest vegetation region, subregion Western Rhodopes, semi-mountainous beech and coniferous belt, SGS Alabak-Velingrad, State property, Composition:Pinus nigra-87,6%,Pinus sylvestris -12,4%, age-76.</i></li> </ul>
<b>Keywords</b>	<i>3-5 keywords to describe the experimental site and its objectives- growth, productivity, management, regeneration, succession</i>
<b>Scientific characteristics</b>	<p><i>Scientific objectives: Comparative studies on growth, productivity and natural regeneration of forest stands of Pinus sylvestris and Pinus nigra under the same conditions of habitat.</i></p> <p><i>Interest for users: For effective management of forest stands</i></p> <p><i>Particularities in comparison to others sites: Eksperimental plot is part of a mixed plantation established on oak habitat and features specifics regarding natural regeneration not seen elsewhere and have not been studied before.</i></p> <p><i>Research projects in the frame of which the experimental site is used (include web site address): Land-use and management impacts on carbon sequestration in mountain ecosystems-BSRP</i></p>

<sup>1</sup> Note: This information could be published in the webpage of FORESTERRA.



# FORESTERRA

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<b>Technical characteristics</b>	<i>Detailed description (including instrumentation): growth in diameter and height, average diameter, average height, average volume model tree, productivity of forest stand, the establishment of natural regeneration of the plantation (by age, condition, quantity estimation), predicting the change of tree species (succession)</i>
	<i>Measured parameters- DBH, height, mean diameter, number of trees, number of seedlings and coppice according to tree species.</i>
	<i>If there is any file, map or images relevant about this infrastructure, please attach them (indicating here the name of the file):"LESOTEST-ALABAK.A"</i>
<b>SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE INFRASTRUCTURE</b>	
<b>Principal investigator</b>	<i>Angel Ferezliev, obig@abv.bg</i>
<b>One additional line per person</b>	<i>Name and e-mail address</i>
<b>ADMINISTRATIVE INFORMATION</b>	
<b>Availability for participating in mutual measurements</b>	<i>Yes</i> <i>Angel Ferezliev, obig@abv.bg</i>
	<i>Conditions or Policy of use- Involvement with participation in research projects</i>
<b>Availability for accessing the data collected</b>	<i>Yes</i> <i>Angel Ferezliev, obig@abv.bg</i>
	<i>Conditions or Policy of use- joint scientific publications</i>
<b>Institution that manages the site</b>	<i>Name: ДГС Алабак/ SGS Alabak-Velingrad</i>
	<i>URL address: dgsalabak.ucdp-smolian.com</i>
<b>Institution that manages the data</b>	<i>Name (Original language and English translation)-Институт за горана-БАН/ Forest Research Institute-Bulgarian Academy of Sciences</i>
	<i>URL address: http://www.bas.bg/fribas/</i>
<b>Is the site participating in a national or international Network?</b>	<i>Name (Original language and English translation).No</i>
	<i>URL address</i>
<b>Is the site open for transnational collaboration?</b>	<i>Conditions:Open</i>