

INDEX OF VOLUME 62

ABDOLLAHNEJAD A., PANAGIOTIDIS D., SUROVÝ P.: Investigation of a possibility of spatial modelling of tree diversity using environmental and data mining algorithms	562
AHMADI K., ALAVI S.J.: Generalized height-diameter models for <i>Fagus orientalis</i> Lipsky in Hyrcanian forest, Iran	413
ATTAROD P., ROSTAMI F., DOLATSHAHI A., SADEGHI S.M.M., ZAHEDI AMIRI G., BAYRAMZADEH V.: Do changes in meteorological parameters and evapotranspiration affect declining oak forests of Iran?	553
BABAEI F., JALALI S.G., SOHRABI H., SHIRVANY A.: Effects of different irradiance levels on peroxidase activities in <i>Quercus castaneifolia</i> C.A. Mey. seedlings from different provenances	306
BABAEI F., JALALI S.G., SOHRABI H., SHIRVANY A.: Physiological responses of seedlings of different <i>Quercus castaneifolia</i> C.A. Mey. provenances to heterogeneous light environments	485
BALÁŽOVÁ E., LUPTÁKOVÁ J.: Application of the Economic Value Added index in the performance evaluation of forest enterprise	191
BENMAHIOUL B., KAÏD-HARCHE M., DAGUIN F.: <i>In vitro</i> regeneration of <i>Pistacia vera</i> L. from nodal explants	198
BERRICHI M., BENABDELLI K., HADDAD A.: Radial evolution of vascular elements in the oak <i>Quercus ilex</i> L. wood	463
BÍLEK L., VACEK S., VACEK Z., REMEŠ J., KRÁL J., BULUŠEK D., GALLO J.: How close to nature is close-to-nature pine silviculture?	24
BŘEZINA D., HLAVÁČKOVÁ P.: Quantification of the influence of the Training Forest Enterprise Masaryk Forest Křtiny on the local economy of the region	245
BŘEZINA D., HLAVÁČKOVÁ P.: The assessment of economic indicators of National Park Administrations	88
BULUŠEK D., VACEK Z., VACEK S., KRÁL J., BÍLEK L., KRÁLÍČEK I.: Spatial pattern of relict beech (<i>Fagus sylvatica</i> L.) forests in the Sudetes of the Czech Republic and Poland	293
CIBECCHINI D., CAVALLI A., GOLI G., TOGNI M.: Beech sawn timber for structural use: A case study for mechanical characterization and optimization of the Italian visual strength grading rule	521
DE MEO I., BRESCANCIN F., GRAZIANI A., PALETTO A.: Management of Natura 2000 sites in Italy: An exploratory study on stakeholders' opinions	511
DOSTÁL J., NOVOTNÝ P., ČÁP J.: Comparison of growth development of micropropagated and generatively reproduced wild cherry (<i>Prunus avium</i> (L.) L.) on the Polná demonstration plot (Czech Republic) up to the age of 15 years	204

DRAGHICI C.C., PEPTENATU D., SIMION A.G., PINTILII R.D., DIACONU D.C., TEODORESCU C., PAPUC R.M., GRIGORE A.M., DOBREA C.R.:	
Assessing economic pressure on the forest fund of Maramureş County – Romania	175
DUDEK T.:	
Needs of the local population related to development of forests for recreational purposes: example of south-eastern Poland	35
DVOŘÁK J., NATOV P., NATOVÁ L., KRILEK J., KOVÁČ J.:	
Operator's physical workload in simulated logging and timber bucking by harvester	236
EMAMI A.S., TABARI KOUCHAKSARAEI M., BAHRAMIFAR N., SALEHI A.:	
Gas exchange responses of two poplar clones (<i>Populus euramericana</i> (Dode) Guinier 561/41 and <i>Populus nigra</i> Linnaeus 63/135) to lead toxicity	422
FEDOROVÁ B., KADAVÝ J., ADAMEC Z., KNEIFL M., KNOTT R.:	
Response of diameter and height increment to thinning in oak-hornbeam coppice in the southeastern part of the Czech Republic	229
GHAFFARIYAN M.R.:	
Analysis of forestry work accidents in five Australian forest companies for the period 2004 to 2014	545
HASSANZAD NAVROODI I., ALAVI S.J., AHMADI M.K., RADKARIMI M.:	
Comparison of different non-linear models for prediction of the relationship between diameter and height of velvet maple trees in natural forests (Case study: Asalem Forests, Iran)	65
HLAVÁČKOVÁ P., BŘEZINA D.:	
Economic evaluation of the recreational use of forests: A case study of the Training Forest Enterprise Masaryk Forest Křtiny	389
HLAVÁČKOVÁ P., ŠAFAŘÍK D.:	
Quantification of the utility value of the recreational function of forests from the aspect of valuation practice	345
IVANOVÁ H.:	
Comparison of the fungi <i>Pestalotiopsis funerea</i> (Desm.) Steyaert and <i>Truncatella hartigii</i> (Tubef) Steyaert isolated from some species of the genus <i>Pinus</i> L. in morphological characteristics of conidia and appendages	279
JANKOVSKÝ M., MESSINGEROVÁ V., FERENČÍK M., ALLMAN M.:	
Objective and subjective assessment of selected factors of the work environment of forest harvesters and forwarders	8
KAMLER J., HOMOLKA M.:	
Influence of agricultural crops adjacent to forest on woody species browsing: Is it advantageous to have a tasty neighbour?	41
KĻAVIŅA D., LAZDIŅŠ A., BĀRDULE A., NIKOLAJEVA V., OKMANIS M., SKRANDA I., GAITNIEKS T., MENKIS A.:	
Fine root development and mycorrhization in Norway spruce stands one year after fertilization with potassium sulphate and wood ash	17

LAZREG F., BELABID L., SÁNCHEZ J., GALLEGO E.: Root rot and damping-off of Aleppo pine seedlings caused by <i>Pythium</i> spp. in Algerian forest nurseries	322
LEVÁ M., ČERMÁKOVÁ H., STÁROVÁ M., VOSTROVSKÁ H.: The assessment of forestry companies in the Czech Republic with focus on profitability	116
LORENC F., PEŠKOVÁ V., MODLINGER R., PODRÁZSKÝ V., BALÁŠ M., KLEINOVÁ D.: Effect of Bio-Algeen® preparation on growth and mycorrhizal characteristics of Norway spruce seedlings	285
LOTFALIAN M., KHOSROZADEH S., HOSSEINI S.A., KAZEMI M., ZARE N.: Determination of forest skid trail density in Caspian forests, Iran	80
LOVINSKA V., SYTNYK S.: The structure of Scots pine and Black locust forests in the Northern Steppe of Ukraine	329
MAJLINGOVÁ A., SCHALLEROVÁ D.: Preliminary results of statistical analysis focused on the dependence between forest litter moisture and relative air humidity	493
MARKOVÁ I., D. JANOUŠ D., PAVELKA M., MACKŮ J., HAVRÁNKOVÁ K., REJŠEK K., MAREK M.V.: Potential changes in Czech forest soil carbon stocks under different climate change scenarios	537
MAZÁČ D.: The first contribution to the fauna of psocids (Insecta: Psocoptera) in forests in the Drahanská vrchovina Hills (Czech Republic)	211
MERGANIČ J., MERGANIČOVÁ K., MARUŠÁK R., TIPMANN L., ŠÁLEK L., DRAGOUN L., STOLARIKOVÁ R.: Relation between selected indicators of forest stand diversity and quality of timber production in managed Central European forests	97
MOHAMMADI LIMAEI S., SAFARI G., MOHAMMADI MERCEH G.: Recreational values of forest park using the contingent valuation method (case study: Saravan Forest Park, north of Iran)	452
NAVARRO-CERRILLO R.M., SÁNCHEZ-SALGUERO R., HERRERA R., CEACERO RUIZ C.J., MORENO-ROJAS J.M., MANZANEDO R.D., LÓPEZ-QUINTANILLA J.: Contrasting growth and water use efficiency after thinning in mixed <i>Abies pinsapo</i> – <i>Pinus pinaster</i> – <i>Pinus sylvestris</i> forests	53
OLDERTØEN K., H-KITTIKUN A., PHONGPAICHIT S., RIYAJAN S., TEANPAISAL R.: Treatment of rubberwood (<i>Hevea brasiliensis</i>) (Willd. ex A. Juss.) Müll. Arg. with maleic anhydride to prevent moulds	314
PANAGIOTIDIS D., SUROVÝ P., KUŽELKA K.: Accuracy of Structure from Motion models in comparison with terrestrial laser scanner for the analysis of DBH and height influence on error behaviour	357
PARSAKHOO A., JAJOUZADEH M.: Determining an optimal path for forest road construction using Dijkstra's algorithm	264

PASTORELLA F., GIACOVELLI G., MAESANO M., PALETTO A., VIVONA S., VELTRI A., PELLICONE G., SCARASCIA MUGNOZZA G.: Social perception of forest multifunctionality in southern Italy: The case of Calabria Region	366
PEYROV S., NAJAFI A., NOURIZADEH J.: Evaluating the effects of physiographic parameters on the road cross section in mountain forests (Case study: northern forests of Iran)	1
PEYROV S., NAJAFI A., NOURODINI A.R.: Predicting the earthwork width and determining the annual growth loss due to forest road construction using artificial neural network and ArcGIS	337
PIRIKIYA M., AMIRNEJAD H., OLADI J., ATAIE SOLOUT K.: Determining the recreational value of forest park by travel cost method and defining its effective factors	399
PODRÁZSKÝ V., FULÍN M., PRKNOVÁ H., BERAN F., TŘEŠTÍK M.: Changes of agricultural land characteristics as a result of afforestation using introduced tree species	72
RAHIMI D., KARTOOLINEJAD D., NOURMOHAMMADI K., NAGHDI R.: Increasing drought resistance of <i>Alnus subcordata</i> C.A. Mey. seeds using a nano priming technique with multi-walled carbon nanotubes	269
RAMÍREZ ALZATE M.V., RUBILAR R.A., MONTES C., ALLEN H.L., FOX T.R., SANFUENTES E.: Mid-rotation response to fertilizer by <i>Pinus radiata</i> D. Don at three contrasting sites	153
SABOL J., PROCHÁZKA D., PATOČKA Z.: Development of models for forest variable estimation from airborne laser scanning data using an area-based approach at a plot level	137
SALEHI A., TABARI KOUCHAKSARAEI M., MOHAMMADI GOLTAPPEH E., SHIRVANI A., MIRZAEI J.: Effect of mycorrhizal inoculation on black and white poplar in a lead-polluted soil	223
SALEHNASAB A., FEGHI J., DANEKAR A., SOOSANI J., DASTRANJ A.: Forest park site selection based on a Fuzzy analytic hierarchy process framework (Case study: the Galegol Basin, Lorestan province, Iran)	253
SARVAŠOVÁ Z., DOBŠINSKÁ Z.: Provision of ecosystem services in mountain forests – case study of experts' and stakeholders' perceptions from Slovakia	380
SHARMA R.P., VACEK Z., VACEK S.: Nonlinear mixed effect height-diameter model for mixed species forests in the central part of the Czech Republic	470
SINGH A., AGARWAL P.K.: Enhanced micropropagation protocol of <i>ex vitro</i> rooting of a commercially important crop plant <i>Simmondsia chinensis</i> (Link) Schneider	107
ŠKVARENINOVÁ J.: Impact of climatic conditions on the reproductive phenological phases of European hazel (<i>Corylus avellana</i> L.) in Slovakia	47
SO T., RUTHROF K.X., SOMMEECHAI M., THAIUTSA B., DELL B.: Response of directly seeded high-value timber species to microorganisms, fertiliser and a water retention polymer: implications for reforestation of agricultural lands in Southeast Asia	126

SOTOUDEH FOUMANI B., MOHAMMADI LIMAEI S., ROSTAMI SHAHRAJI T.: Investigation of wood production and trading in Iran	407
ŠPULÁK O., KACÁLEK D.: Below-canopy and topsoil temperatures in young Norway spruce and Carpathian birch stands compared to gaps in the mountains	441
ŠPULÁK O., SOUČEK J., DUŠEK D.: Quality of organic and upper mineral horizons of mature mountain beech stands with respect to herb layer species	163
STÁROVÁ M., ČERMÁKOVÁ H., HLAVSA T., VOSTROVSKÁ H., LEVÁ M.: Evaluation of applicability of IAS 41 – Agriculture to the valuation of growing forest stands and their accounting treatment in the Czech Republic	429
TRISHKIN M., LOPATIN E., GAVRILOVA O.: The potential impact of climate change and forest management practices on <i>Heterobasidion</i> spp. infection distribution in northwestern Russia – a case study in the Republic of Karelia	529
VAHEDI A.A., BIJANI-NEJAD A.R., DJOMO A.: Horizontal and vertical distribution of carbon stock in natural stands of Hyrcanian lowland forests: A case study, Nour Forest Park, Iran	501
REVIEW	
MILTNER S., KUPKA I.: Silvicultural potential of northern red oak and its regeneration	145
SHORT COMMUNICATION	
LAVROV M.F., DOKTOROV I.A., PARNIKOVA G.M.: Creation of density distribution charts in the cross and axial section of a tree trunk	571
ŠTÍCHA V., MACKŮ J., NUHLÍČEK O.: Effect of permanent waterlogging on the growth of poplar clones MAX 4, MAX 5 (J-104, J-105) (<i>Populus maximowiczii</i> A. Henry × <i>P. nigra</i> Linnaeus) and evaluation of wood moisture content in different stem parts	186
BOOK REVIEW	
NOVOTNÝ G.: Three forest engineers: Josef Opletal, Karel Šiman and Gustav Artner	143
OBITUARY NOTICE	
KULHAVÝ J.: prof. Ing. Emil Klimo, DrSc. (1930–2016)	580