

INDEX OF VOLUME 60

- ABDI E.:
Effect of Oriental beech root reinforcement on slope stability (Hyrkanian Forest, Iran) 166
- ABDI E., AZHDARI F., ABDULKHANI A., SOOFI MARIY H.:
Tensile strength and cellulose content of Persian ironwood (*Parrotia persica*) roots as
bioengineering material 425
- AGHAJANI H., FALLAH A., FAZLOLLAH EMADIAN S.:
Modelling and analyzing the surface fire behaviour in Hyrcanian forest of Iran 353
- ALI A., MA W.J., YANG X.D., SUN B.W., SHI Q.R., XU M.S.:
Biomass and carbon stocks in *Schima superba* dominated subtropical forests of eastern China 198
- ALIJANPOUR A., SHAFIEI A.B., LATIFY R.:
EFFECT of planting interval and soil type on qualitative and quantitative characteristics
of poplar (*Populus nigra*) plantations in Diwandareh (Kurdistan province, western Iran) 89
- BABAEI SUSTANI F., JALALI S.G., SOHRABI H., SHIRVANI A.:
Biomass allocation of chestnut oak (*Quercus castaneifolia* C.A. Mey) seedlings: effects
of provenance and light gradient 443
- BEDNAŘÍK J., ČADA V., MATĚJKOVÁ K.:
Forest succession after a major anthropogenic disturbance: a case study of the Jewish
Forest in the Bohemian Forest, Czech Republic 336
- CVRČKOVÁ H., MÁCHOVÁ P., DOSTÁL J., MALÁ J.:
Protocol for efficient micropropagation of spring gentian and sand jurinea 1
- ČERVENKA J., BAČE R., SVOBODA M.:
Stand-replacing disturbance does not directly alter the succession of Norway spruce
regeneration on dead wood 417
- Čurn V., DĚDOUCHOVÁ M., KUBÁTOVÁ B., MALÁ J., MÁCHOVÁ P., CVRČKOVÁ H.:
Assessment of genetic variability in autochthonous elm populations using ISSR markers 511
- DALIR P., NAGHDI R., GHOLAMI V.:
Modelling of forest road sediment in the northern forest of Iran (Lomir Watershed) 109
- DOBROVOLNÝ L.:
Potential of natural regeneration of *Quercus robur* L. in floodplain forests in the southern
part of the Czech Republic 534
- DOSTÁLEK J., WEBER M., FRANTÍK T.:
Establishing windbreaks:
how rapidly do the smaller tree transplants reach the height of the larger ones? 12
- GALLO J., KUNEŠ I., BALÁŠ M., NOVÁKOVÁ O., DRURY M.L.:
Occurrence of frost episodes and their dynamics in height gradient above the ground
in the Jizerské hory Mts. 35
- IVANCICH H., MARTÍNEZ PASTUR G.J., LENCINAS M.V., CELLINI J.M., PERI P.L.:
Proposals for *Nothofagus antarctica* diameter growth estimation: simple vs. global models 307
- JAVED A.M., CANNON CH.H., WICKNESWARI R.:
Microsatellite DNA markers in *Shorea platyclados* (Dipterocarpaceae): genetic
diversity, size homoplasy and mother trees 18
- KABEŠ A., DVOŘÁK J., NATOV P.:
Operation times in John Deere 1110 E forwarders in regeneration felling 248
- KARAMI S.M., KAVOSI M.R., HAJIZADEH G., JALILVAND H.:
Biotechnical control of tar spot (*Rhytisma acerinum*) disease on velvet maple
(*Acer velutinum* Boiss) *in vitro* 330

KRÁL P., KLÍMEK P.:	
Utilization of spruce (<i>Picea abies</i> [L.] Karst.) and beech (<i>Fagus sylvatica</i> L.) wood in plywood production using different processing pressures	495
KUNEŠ I., BALÁŠ M., BALCAR V.:	
Long-term influence of applied amphibolite powder on the chemistry of soil supporting Norway spruce plantation	75
KUŽELKA K., MARUŠÁK R.:	
Use of nonparametric regression methods for developing a local stem form model	464
KVIETKOVÁ M.:	
Topography of material made by the application of abrasive water jet technology	318
LAZREG F., BELABID L., SANCHEZ J., GALLEGOS E., BAYAA B.:	
Pathogenicity of <i>Fusarium</i> spp. associated with diseases of Aleppo-pine seedlings in Algerian forest nurseries	115
LEŠO P., LEŠOVÁ A., KROPIL R.:	
Influence of forest fragmentation on the distribution of small terrestrial mammals in fir-beech commercial forest	324
LIESKOVSKY M., DVOŘÁK J., NATOV P., CHOJNACKI J., ROKOSZ K.:	
Analysis of woodchip heating capacity calculated according to technical standards and measurements of calorific value	451
LUBOJACKÝ J., HOLUŠA J.:	
Effect of insecticide-treated trap logs and lure traps for <i>Ips typographus</i> (Coleoptera: Curculionidae) management on nontarget arthropods catching in Norway spruce stands	6
LUKÁŠOVÁ K., HOLUŠA J.:	
Comparison of <i>Trypodendron lineatum</i> , <i>T. domesticum</i> and <i>T. laeve</i> (Coleoptera: Curculionidae) flight activity in Central Europe	382
MACHÁČEK Z., DVOŘÁK S., JEŽEK M., ZAHRADNÍK D.:	
Impact of interspecific relations between native red deer (<i>Cervus elaphus</i>) and introduced sika deer (<i>Cervus nippon</i>) on their rutting season in the Dourovské hory Mts.	272
MALÍK K., REMEŠ J., VACEK S., ŠTÍCHA V.:	
Development and dynamics of mountain spruce (<i>Picea abies</i> [L.] Karsten) stand regeneration	61
MARTINÍK A., DOBROVOLNÝ L., HURT V.:	
Comparison of different forest regeneration methods after windthrow	190
MARTINÍK A., HOUŠKOVÁ K., PALÁTOVÁ E.:	
Germination and emergence response of specific Douglas fir seed lot to different temperatures and prechilling duration	281
MATĚJKA K., LEUGNER J.:	
Phenotype features in juvenile populations of <i>Picea abies</i> and their growth	96
MOHAMMADI LIMAEI S., GHESMATI H., RASHIDI R., YAMINI N.:	
Economic evaluation of natural forest park using the travel cost method (case study; Masouleh forest park, north of Iran)	254
MOHAMMADI Z., MOHAMMADI LIMAEI S.:	
Selection of appropriate criteria in urban forestry (Case study: Isfahan city, Iran)	487
MORETTO A., MARTÍNEZ PASTUR G.J.:	
Litterfall and leaf decomposition in <i>Nothofagus pumilio</i> forests along an altitudinal gradient in Tierra del Fuego, Argentina	500
NASIRI M., POURMAJIDIAN M.R.:	
Effects of vegetation type and horizontal curve radius on the rate of tree pruning to provide line of sight on main access roads	208
NAWROT M., PAZDROWSKI W., WALKOWIAK R., SZYMAŃSKI M., KAŹMIERCZAK K.:	
Analysis of coniferous species to identify and distinguish juvenile and mature wood	143

Novák J., Dušek D., Slodičák M.: Quantity and quality of litterfall in young oak stands	219
Nováková O., Kuneš I., Gallo J., Baláš M.: Effects of brassinosteroids on prosperity of Scots pine seedlings	388
Ostadhasemi R., Rostami Shahraji T., Roehle H., Mohammadi Limaei S.: Estimation of biomass and carbon storage of tree plantations in northern Iran	363
Paletto A., Giacovelli G., Grilli G., Ballest J., De Mio I.: Stakeholders' preferences and the assessment of forest ecosystem services: a comparative analysis in Italy	472
Petkova K., Georgieva M., Uzunov M.: Investigation of Douglas-fir provenance test in North-Western Bulgaria at the age of 24 years.....	288
Plhal R., Kamler J., Homolka M., Drimaj J.: An assessment of the applicability of dung count to estimate the wild boar population density in a forest environment.....	174
Podrážský V., Martiník A., Matějka K., Viewegh J.: Effects of Douglas-fir (<i>Pseudotsuga menziesii</i> [Mirb.] Franco) on understorey layer species diversity in managed forests	263
Pohořalý J., Klvač R., Kent T., Kleibl M., Coates E., Horgan B.: Impact of forest biomass for energy harvesting on soil compaction – Irish case study	526
Popov E.B.: Results of 20 years old Douglas-fir provenance experiment established on the northern slopes of Rila Mountain in Bulgaria	394
Pulkrab K., Sloup M., Zeman M.: Economic Impact of Douglas-fir (<i>Pseudotsuga menziesii</i> [Mirb.] Franco) production in the Czech Republic	297
Rūba J., Miezīte O., Luguza S.: Impact of risk factor management on the sanitary condition of Norway spruce (<i>Picea abies</i> [L.] Karst.) pure stands in Latvia	181
Singh M., Sonkusale S., Niratker Ch., Shukla P.: Micropropagation of <i>Shorea robusta</i> : an economically important woody plant	70
Solgi A., Najafi A.: The impacts of ground-based logging equipment on forest soil	28
Stejskalová J., Kupka I., Nováková O.: Influence of sycamore seed stratification length on their germination capacity	212
Synek M., Klímánek M.: Proposal of using GIS for multi-criteria evaluation of environmentally friendly use of skidding technologies in forestry	51
Synek M., Vašíček J., Zeman M.: Outlook of logging perspectives in the Czech Republic for the period 2013–2032	372
Šálek L., Stolariková R., Jeřábková L., Karlík P., Dragoun L., Jelenecká A.: Timber production and ecological characteristics of trees in coppice forest in the Voskop nature reserve in Český kras – a case study	519
Ševčík M., Hájek M., Mikulková A.: Specifics in the introduction of sustainability reporting by companies in the forestry sector	226
Šrámek V., Fadrhonsová V., Jurkovská L.: Ca/Al ratio in Norway spruce fine roots on monitoring plots in the Czech Republic	121
Štefančík I., Bošela M.: An influence of different thinning methods on qualitative wood production of European beech (<i>Fagus sylvatica</i> L.) on two eutrophic sites in the Western Carpathians	406

TAVANKAR F., PICCHIO R., LO MONACO A., BONYAD A.E.: Forest management and snag characteristics in Northern Iran lowland forests	431
VAHEDI A.A., MATAJI A., BABAYI-KAFAKI S., ESHAGHI-RAD J., HODJATI S.M., DJOMO A.: Allometric equations for predicting aboveground biomass of beech-hornbeam stands in the Hyrcanian forests of Iran	236
WAGENHOFF E., BLUM R., DELB H.: Spring phenology of cockchafers, <i>Melolontha</i> spp. (Coleoptera: Scarabaeidae), in forests of south-western Germany: results of a 3-year survey on adult emergence, swarming flights, and oogenesis from 2009 to 2011.....	154
ZAHRADNÍK P., ZAHRADNÍKOVÁ M.: Evaluation of the efficacy duration of different types of pheromone dispensers to lure <i>Ips typographus</i> (L.) (Coleoptera: Curculionidae: Scolytinae)	456
ZAHRADNÍKOVÁ M.: Attempt to define morphological parameters enabling sex determination of <i>Ips</i> <i>typographus</i> (Linnaeus, 1758) (Coleoptera: Curculionidae: Scolytinae) using PCA and CLU	401
ŽELAZNY W.: Changes of forest abiotic environment in the Western Carpathians assessed using phytoindication	133
SHORT COMMUNICATION	
BENEDEK Z.: On the potential policy use of some selected biodiversity indicators: limitations and recommendations for improvements	84
KOLLÁR J.: <i>Scobicia chevrieri</i> (Villa & Villa 1835), a new species of the <i>Bostrichidae</i> family for the Slovak Republic	349
TOMÁŠKOVÁ I., VÍTÁMVÁS J., KORECKÝ J.: Testing of germination of spruce, pine and larch seed after 10 years from collection	540
REVIEW	
ŠACH F., ŠVIHLA V., ČERNOHOUS V., KANTOR P.: Management of mountain forests in the hydrology of a landscape, the Czech Republic	42
SHORT REVIEW	
WOODS A.J.: Warmer and wetter might not be better	484
BOOK REVIEW	
LÜTTGE U.: Climate change, air pollution and global challenges. Understanding and perspectives from forest research	351