

INDEX OF VOLUME 56

AGHERKAKLI B., NAJAFI A., SADEGHI S.H.: Ground based operation effects on soil disturbance by steel tracked skidder in a steep slope of forest	278
BARCÍK Š., KMINIAK R., ŘEHÁK T., KVIETKOVÁ M.: The influence of selected factors on energy requirements for plain milling of beech wood	243
BOŠELA M., ŠEBEŇ V.: Analysis of the aerial application of fertilizer and dolomitic limestone	47
BYBLYUK N., STYRANIVSKY O., KORZHOV V., KUDRA V.: Timber harvesting in the ukrainian carpathians: Ecological problems and methods to solve them	333
ČERNOHOUS V., ŠACH F., KACÁLEK D.: Effects of drainage treatment and stand growth on changes in runoff components from a forested watershed	307
ČÍŽKOVÁ L., ČÍŽEK V., BAJAJOVÁ H.: Growth of hybrid poplars in silviculture at the age of 6 years	451
DOBROVOLNÝ L., TESAŘ V.: Extent and distribution of beech (<i>Fagus sylvatica</i> L.) regeneration by adult trees individually dispersed over a spruce monoculture	589
DOBROVOLNÝ L., TESAŘ V.: Growth and characteristics of old beech (<i>Fagus sylvatica</i> L.) trees individually dispersed in spruce monocultures	406
DRÁPELOVÁ I., MENŠÍK L., KULHAVÝ J., MARKOVÁ I.: Sulphur and nitrogen concentrations and fluxes in bulk precipitation and throughfall in the mountain and highland spruce stands in the Czech Republic	429
DURZAN D. J.: Arginine and the shade tolerance of white spruce saplings entering winter dormancy	77
GEBAUER R., VOLAŘÍK D., FUNDA T., FUNDOVÁ I., KOHUTKA A., Klapetek V., MARTINKOVÁ M., ANENKHONOV O. A., RAZUVAEV A.: <i>Pinus pumila</i> growth at different altitudes in the Svyatoi Nos Peninsula (Russia)	101
GHAFFARIYAN M. R., STAMPFER K., SESSIONS J., DURSTON T., KANZIAN CH., KUEHMAIER M.: Road network optimization using heuristic and linear programming	137
HART V., NENTVICOVÁ-HARTOVÁ M., TAUCHMAN P.: Analysis of herbicide effects on Douglas fir (<i>Pseudotsuga menziesii</i> [Mirb.] Franco) natural regeneration	209
HLÁSNÝ T., KULLA L., BARKA I., TURČÁNI M., SITKOVÁ Z., KOREŇ M.: The proposal of biotic hazard zones in selected spruce dominated regions in Slovakia	236
HOLUB V., ČERNÝ K., STRNADOVÁ V., MRÁZKOVÁ M., GREGOROVÁ B., GABRIELOVÁ Š.: The survey of some factors affecting bark lesion development caused by <i>Phytophthora cactorum</i> on common beech and other broadleaved trees	93
JARČUŠKA B., KUCBEL S., JALOVÍAR P.: Comparison of output results from two programmes for hemispherical image analysis: Gap Light Analyser and WinScanopy	147

JURÁSEK A., LEUGNER J., MARTINCOVÁ J.: Growth and physiological state of beech seedlings grown in a nursery in different light conditions	442
KALA C. P.: Status of an indigenous agro-forestry system in changing climate: A case study of the middle Himalayan region of Tehri Garhwal, India	373
KAMLER J., TUREK K., HOMOLKA M., BUKOR E.: Rodent-caused damage to forest trees from the viewpoint of forestry practice	265
KLIMÁNEK M.: Analysis of the accuracy of GPS Trimble Juno ST measurement in the conditions of forest canopy	84
KLVAČ R., VRÁNA P., JIROUŠEK R.: Possibilities of using the portable falling weight deflectometer to measure the bearing capacity and compaction of forest soils	130
KOBLIHA J., SLÁVIK M., HYNEK V., KLÁPŠTĚ J., STEJSKAL J.: Production impacts of forest tree breeding on an example of Norway spruce	348
KOLÁŘOVÁ P., BEZDĚČKOVÁ L., PROCHÁZKOVÁ Z.: Effect of gibberellic acid and ethephon on the germination of European beech dormant and chilled beechnuts	389
KOVÁČ J., MIKLEŠ M.: Research on individual parameters for cutting power of woodcutting process by circular saws	271
KOZIOŁ M.: Variability of Norway spruce (<i>Picea abies</i> [L.] Karst.) cone entomofauna in the Tatra National Park in association with the development of cones	154
KRŠIAK B., ZACH P., KULFAN J.: The role of <i>Hylastes cunicularius</i> Erichson (Coleoptera: Scolytidae) in transferring uropodine mites in a mountain spruce forest	258
KULA E., ZĄBECKI W.: Merocoenoses of cambioxylophagous insect fauna of Norway spruce (<i>Picea abies</i> [L.] Karst.) with focus on bark beetles (Coleoptera: Scolytidae) and types of tree damage in different gradation conditions	474
LEUGNER J., JURÁSEK A., MARTINCOVÁ J.: Evaluation of the growth and health status of selected clone mixtures in comparison with ordinary planting stock	314
LIBUS J., MAUER O., VAVŘÍČEK D.: Soil preparation by ploughing in the floodplain forest and its influence on vegetation and primary soil characteristics	183
MALÁ J., CVRČKOVÁ H., MÁCHOVÁ P., DOSTÁL J., ŠÍMA P.: Heavy metal accumulation by willow clones in short-time hydroponics	28
MÁLIŠ F., VLADOVIČ J., ČABOUN V., VODÁLOVÁ A.: The influence of <i>Picea abies</i> on herb vegetation in forest plant communities of the Veporské vrchy Mts.	58
MAREŠ R.: The extent of root rot damage in Norway spruce stands established on fertile sites of former agricultural land	1
MATĚJKA K., VACEK S., PODRÁZSKÝ V.: Development of forest soils in the Krkonoše Mts. in the period 1980–2009	485

MATOUŠKOVÁ L., NOVOTNÝ R., HŮNOVÁ I., BURIÁNEK V.: Visible foliar injury as a tool for the assessment of surface ozone impact on native vegetation: a case study from the Jizerské hory Mts.	177
MAUER O., PALÁTOVÁ E.: Decline of Norway spruce in the Krkonoše Mts.	361
MERGANIČOVÁ K., MERGANIČ J.: Coarse woody debris carbon stocks in natural spruce forests of Babia hora	397
NAKLÁDAL O., SOVA J.: Comparison of two types of ECOLURE lure on <i>Ips typographus</i> (L.) (Coleoptera: Scolytidae)	609
NÁROVCOVÁ J., NÁROVEC V.: A trend of proliferation of proleptic shoots in partial populations of Scots pine.....	571
NAWROT M., JAKUBOWSKI M., PAZDROWSKI W., KAŻMIERCZAK K., SZYMAŃSKI M.: Variation of conducting area in stems of European larch (<i>Larix decidua</i>) growing in fresh mixed coniferous forest and fresh mixed forest sites	18
NOVÁK J., SLODIČÁK M., KACÁLEK D., DUŠEK D.: The effect of different stand density on diameter growth response in Scots pine stands in relation to climate situations	461
NOVOTNÝ R., ČERNÝ D., ŠRÁMEK V.: Nutrition of silver fir (<i>Abies alba</i> Mill) growing at the upper limit of its occurrence in the Šumava National Park and Protected Landscape Area.....	381
PEÑA J. F. B., REMEŠ J., BÍLEK L.: Dynamics of natural regeneration of even-aged beech (<i>Fagus sylvatica</i> L.) stands at different shelterwood densities.....	580
PETRÁŠ R., MECKO J., NOCIAR V.: Diameter structure of the stands of poplar clones	165
PETRÁŠ R., MECKO J.: Stability of the development of basic stand parameters of beech yield tables constructed on the basis of short-term observations on research plots	323
POKORNÝ R., TOMÁŠKOVÁ I., DRÁPELOVÁ I., KULHAVÝ J., MAREK M. V.: Long-term effects of CO ₂ enrichment on bud phenology and shoot growth patterns of Norway spruce juvenile trees	251
POP M., KULA E., MAÑAS P., KAJFOSZ R.: Chemical thinning in blue spruce (<i>Picea pungens</i> Engelm.) stands and its effects on cambioxylophagous fauna	225
REJŠEK K., HAVERAEN O., SANDNES A., SOMERLÍKOVÁ K.: Soil characteristics under selected broadleaved tree species in East Norway	295
SEFIDI K., MARVIE MOHADJER M. R.: Characteristics of coarse woody debris in successional stages of natural beech (<i>Fagus orientalis</i>) forests of Northern Iran	7
ŠEBEŇ V., BOŠELA M.: Different approaches to the classification of vertical structure in homogeneous and heterogeneous forests	171
ŠIŠÁK L.: Costs of basic methods of forest landmaintenance in protective zones of high-voltage power lines in the Czech Republic	35

ŠTÍCHA V., KUPKA I., ZAHRADNÍK D., VACEK S.: Influence of micro-relief and weed competition on natural regeneration of mountain forests in the Šumava Mountains	218
ŠTOFKO P.: Relationships between the parameters of aboveground parts and the parameters of root plates in Norway spruce with respect to soil drainage	353
STRNADOVÁ V., ČERNÝ K., HOLUB V., GREGOROVÁ B.: The effects of flooding and Phytophthora alni infection on black alder	41
ŠVESTKA M.: Changes in the abundance of <i>Melolontha hippocastani</i> Fabr. and <i>Melolontha melolontha</i> (L.) (Coleoptera: Scarabeidae) in the Czech Republic in the period 2003–2009	417
TURČÁNI M., PATOČKA J. [†] , KULFAN M.: Which factors explain lepidopteran larvae variance in seasonal guilds on some oaks?	68
TURČÁNI M., PATOČKA J. [†] , KULFAN J.: How to identify larvae of the protected species: <i>Dioszeghyana schmidtii</i> (DIÓSZEGHY 1935), and survey its presence and abundance (Lepidoptera: Noctuidae; Hadeninae)	121
VACEK S., MATĚJKA K.: Health status of forest stands on permanent research plots in the Krkonoše Mts.	555
VACEK S., MATĚJKA K.: State and development of phytocenoses on research plots in the Krkonoše Mts. forest stands	505
VACEK S., NOSKOVÁ I., BÍLEK L., VACEK Z., SCHWARZ O.: Regeneration of forest stands on permanent research plots in the Krkonoše Mts.	541
VACEK S., VACEK Z., BÍLEK L., NOSKOVÁ I., SCHWARZ O.: Structure and development of forest stands on permanent research plots in the Krkonoše Mts.	518
VAVŘÍČEK D., PECHÁČEK J., JONÁK P., SAMEC P.: The effect of point application of fertilizers on the soil environment of spread line windrows in the Krušné hory Mts.	195
VEJSADOVÁ H., LUKÁŠOVÁ M.: Shoot organogenesis induction from genetically verified individuals of endangered bog pine (<i>Pinus uncinata</i> subsp. <i>uliginosa</i>)	341
VOLAŘÍK D.: Application of digital elevation model for mapping vegetation tiers	112
ZAHRADNÍK D., VACEK S., BÍLEK L., NOSKOVÁ I., VACEK Z.: Horizontal structure of forest stands on PRP in the Krkonoše Mts. and its development	531
ZHANG X., LEI Y.: A linkage among whole-stand model, individual-tree model and diameter-distribution model	600

SHORT COMMUNICATION

SU D., YU D., LI Z., XIE X., LIU Z., DAI L.: Differences in the structure, species composition and diversity of primary and harvested forests on Changbai Mountain, Northeast China	285
---	-----

LIST OF REVIEWERS

In 2010, 112 reviewers from 14 countries have been addressed.

Their valuable help to the authors is greatly appreciated.

ALBRECHTOVÁ JANA, Prague, Czech Republic	JANŠTA PETR, Prague, Czech Republic
ALLAHVERDIEV SURHAY, Bartin, Turkey	KACÁLEK DUŠAN, Opočno, Czech Republic
BALCAR VRATISLAV, Opočno, Czech Republic	KADUNC ALEŠ, Ljubljana, Slovenia
BARÁNEK MIROSLAV, Lednice, Czech Republic	KAMLER JIŘÍ, Brno, Czech Republic
BARCÍK ŠTEFAN, Prague, Czech Republic	KAŇÁK JAN, Plzeň, Czech Republic
BARTŮNĚK JIŘÍ, Brno, Czech Republic	KASPARYAN DMITRIY R., St. Peterburg, Russia
BAŽANT VÁCLAV, Prague, Czech Republic	KLIMÁNEK MARTIN, Brno, Czech Republic
BEKLOVÁ MIROSLAVA, Brno, Czech Republic	KLIMO EMIL, Brno, Czech Republic
BEREC LUDĚK, České Budějovice, Czech Republic	KOPECKÝ ZDENĚK, Brno, Czech Republic
BUBLINEC EDUARD, Zvolen, Slovakia	KOVÁŘ PAVEL, Prague, Czech Republic
BUČEK ANTONÍN, Brno, Czech Republic	KOZEL JAN, České Žleby, Czech Republic
CSÓKA GYÖRGY, Mátrafüred, Hungary	KRAJNAKOVÁ JANA, Udine, Italy
CUDLÍN PAVEL, České Budějovice, Czech Republic	KRIŽOVÁ EVA, Zvolen, Slovakia
ČABOUN VLADIMÍR, Zvolen, Slovakia	KULA EMANUEL, Brno, Czech Republic
ČERMÁK JAN, Brno, Czech Republic	KULHAVÝ JIŘÍ, Brno, Czech Republic
ČÍŽKOVÁ LUĐKA, Kunovice, Czech Republic	KUPKA IVO, Prague, Czech Republic
ČUNDERLÍK IGOR, Zvolen, Slovakia	KURAS TOMÁŠ, Ostrava, Czech Republic
DRÁPELA KAREL, Brno, Czech Republic	LAŠTŮVKA ZDENĚK, Brno, Czech Republic
DRAŽIC DRAGANA, Beograd, Serbia	LEWANDOWSKI ANDRZEJ, Kórnik, Poland
DUŠEK DAVID, Opočno, Czech Republic	LOMSKÝ BOHUMÍR, Opočno, Czech Republic
FEUEREISEL JOSEF, Prague, Czech Republic	LONGAUER ROMAN, Zvolen, Slovakia
GEBAUER ROMAN, Brno, Czech Republic	LSTIBŮREK MILAN, Prague, Czech Republic
GEISSER HANNES, Thurgau, Switzerland	LUKAČÍK IVAN, Zvolen, Slovakia
GOGLIA VLADO, Zagreb, Croatia	MACEK JÁN, Prague, Czech Republic
GRYC VLADIMÍR, Brno, Czech Republic	MADĚRA PETR, Brno, Czech Republic
HANZAL VLADIMÍR, Prague, Czech Republic	MÁLKOVÁ JITKA, Hradec Králové, Czech Republic
HAVEL LADISLAV, Brno, Czech Republic	MAREK MICHAL V., Brno, Czech Republic
HEROLDOVÁ MARTA, Brno, Czech Republic	MARTINCOVÁ JARMILA, Opočno, Czech Republic
HLÁSNÝ TOMÁŠ, Zvolen, Slovakia	MARUŠÁK RÓBERT, Prague, Czech Republic
HOLEC MICHAL, Ústí nad Labem, Czech Republic	MATĚJKA KAREL, Prague, Czech Republic
HOLUŠA JAROSLAV, Prague, Czech Republic	MECKO JULIAN, Zvolen, Slovakia
HURT VÁCLAV, Brno, Czech Republic	MERGANIČ JÁN, Železná Breznica, Slovakia
HYNEK VLADIMÍR, Prague, Czech Republic	MESSINGEROVÁ VALÉRIA, Zvolen, Slovakia
JAKUŠ RASTISLAV, Zvolen, Slovakia	MILANOVIČ SLOBODAN, Beograd, Serbia
JALOVIAK PETER, Zvolen, Slovakia	PALÁTOVÁ EVA, Brno, Czech Republic
JANKOVSKÝ LIBOR, Brno, Czech Republic	PAVLENDA PAVEL, Zvolen, Slovakia

PETRÁŠ RUDOLF, Zvolen, Slovakia	ŠPULÁK ONDŘEJ, Opočno, Czech Republic
PIKULA JIŘÍ, Brno, Czech Republic	ŠRÁMEK VÍT, Prague, Czech Republic
PIŽL VÁCLAV, České Budějovice, Czech Republic	ŠRŮTKA PETR, Prague, Czech Republic
PODRÁZSKÝ VILÉM, Prague, Czech Republic	ŠTEFANČÍK IGOR, Zvolen, Slovakia
PROCHÁZKOVÁ ZDENKA, Kunovice, Czech Republic	TUČEKOVÁ ANNA, Zvolen, Slovakia
RAKOUSKÝ SLAVOMÍR, České Budějovice, Czech Republic	TURČÁNÍ MAREK, Prague, Czech Republic
REMEŠ JIŘÍ, Prague, Czech Republic	TUŽINSKÝ LADISLAV, Zvolen, Czech Republic
REPÁČ IVAN, Zvolen, Slovakia	URBAN JOSEF, Brno, Czech Republic
ROUSEK MIROSLAV, Brno, Czech Republic	VACEK STANISLAV, Prague, Czech Republic
SARVAŠ MILAN, Zvolen, Slovakia	VASAITIS RIMVYS, Uppsala, Sweden
SCHMITT MARCUS, Essen, Germany	VAVŘÍČEK DUŠAN, Brno, Czech Republic
SLAMEČKA JAROSLAV, Lužianky, Slovakia	VEJPUSTKOVÁ MONIKA, Prague, Czech Republic
SLODIČÁK MARIAN, Opočno, Czech Republic	VÍTÁMVÁS JAN, Prague, Czech Republic
SOUČEK JIŘÍ, Opočno, Czech Republic	VLASÁK JOSEF, České Budějovice, Czech Republic
SUCHOMEL JOZEF, Zvolen, Slovakia	VOOKOVÁ BOŽENA, Nitra, Czech Republic
SUTHERLAND JACK R., Victoria, Canada	VRANOVÁ VALERIE, Brno, Czech Republic
ŠACH FRANTIŠEK, Opočno, Czech Republic	ZAHRADNÍK PETR, Prague, Czech Republic
ŠEBEŇ VLADIMÍR, Zvolen, Slovakia	ZACH PETER, Zvolen, Slovakia
ŠMELKO ŠTEFAN, Zvolen, Slovakia	ZANELLA AUGUSTO, Legnaro, Italy
	ZEIDLER ALEŠ, Prague, Czech Republic
	ZEJDA JAN, Brno, Czech Republic