

## INDEX OF VOLUME 63

AHMADLOO F., TABARI KOUCHAKSARAEI M., GOODARZI G.R., SALEHI A.: Effects of gibberellic acid and storage temperature on the germination of hawthorn seeds .....	417
ASIF M.J., DORAIRAJ D., WICKNESWARI R.: Characterization of natural provenances of <i>Acacia mangium</i> Willd. and <i>Acacia auriculiformis</i> A. Cunn. ex Benth. in Malaysia based on phenotypic traits .....	562
ASIF M.J., GOVENDER N.T., ANG L.H., RATMAN W.: Growth performance and lignin content of <i>Acacia mangium</i> Willd. and <i>Acacia auriculiformis</i> A. Cunn. ex Benth. under normal and stressed conditions .....	381
ASKARI Y., SOLTANI A., AKHAVAN R., TAHMASEBI KOHYANI P.: Assessment of root-shoot ratio biomass and carbon storage of <i>Quercus brantii</i> Lindl. in the central Zagros forests of Iran .....	282
BABAEI F., JALALI S.G., SOHRABI H., SHIRVANY A.: Variability in leaf and crown morphology correlated with light availability in five natural populations of <i>Quercus castaneifolia</i> C.A. Mey .....	275
BURIÁNEK V., NOVOTNÝ P., DOSTÁL J.: Results of Czech ash provenance experiment .....	263
ČERNÁVA J., TUČEK J., KOREŇ M., MOKROŠ M.: Estimation of diameter at breast height from mobile laser scanning data collected under a heavy forest canopy .....	433
ČUKOR J., BALÁŠ M., KUPKA I., TUŽINSKÝ M.: The condition of forest stands on afforested agricultural land in Orlické hory Mts .....	1
CVRČKOVÁ H., MÁCHOVÁ P., POLÁKOVÁ L., TRČKOVÁ O.: Evaluation of the genetic diversity of selected <i>Fagus sylvatica</i> L. populations in the Czech Republic using nuclear microsatellites .....	53
DI FRANCO C.P., BORSELLINO V., LA SALA L., SCHIMMENTI E.: Application of a model for the evaluation of the “Visitor Satisfaction” in a nature reserve of South Italy .....	206
DVOŘÁK J., NATOV P., LIESKOVSKÝ M.: Modelling of forwarding distance to maximize the utilization of medium and high-power harvester technology .....	45
ELIÁŠ P., MARINIČOVÁ P.: Ecological functions of vegetation as potentials of ecosystem services (floodplain alder forest in the Tribeč microregion) .....	126
FULÍN M., NOVOTNÝ P., PODRÁZSKÝ V., BERAN F., DOSTÁL J., JEHLIČKA J.: Evaluation of the provenance plot “Hrubá Skála” (Northern Bohemia) with grand fir at the age of 36 years .....	75
GALLO J., BALÁŠ M., LINDA R., KUNEŠ I.: Growth performance and resistance to ground late frosts of <i>Fagus sylvatica</i> L. plantation treated with a brassinosteroid compound .....	117
GÖL C.: Assessing the amount of soil organic matter and soil properties in high mountain forests in Central Anatolia and the effects of climate and altitude .....	199
GOODARZI G.R., PAYAM NOOR V., AHMADLOO F.: Effects of nanoparticle treatments on propagation of <i>Prunus mahaleb</i> L. by seed .....	408
HOSSEINI S.A.O., SHAHROODI E.F., LOTFALIAN M., PARSAKHOO A.: Evaluating the effect of biological stabilization on landslide control at the edge of forest road .....	496

HRIB M., PODRÁZSKÝ V., MATĚJKA K., VIEWEGH J.: Effect of black walnut ( <i>Juglans nigra</i> ) on the understorey vegetation – a case study of South Moravian forests (Czech Republic) .....	136
JAFARZADEH A.A., MAHDAVI A., JAFARZADEH H.: Evaluation of forest fire risk using the Apriori algorithm and fuzzy c-means clustering .....	370
JAHANIFAR K., AMIRNEJAD H., ABEDI Z., VAFAEINEJAD A.: Estimation of the value of forest ecosystem services to develop conservational strategy management (strengths, weaknesses, opportunities and threats) .....	300
KADAVÝ J., KNEIFL M., FEDOROVÁ B., BARTŮŇEK J.: Evaluation of transformation from even-aged to selection forest by means of Gini index .....	476
KARAMANOLI K., PAPAIOANNOU A., SOFOGIANNI S.: Soil fertility and productivity estimation of <i>Pinus pinaster</i> Aiton reforestations in Central and Northeast Chalcidice in Northern Greece .....	470
KEIVAN BEHJOU F., GHAFARZADEH MOLLABASHI O.: Impact of logging intensity on stem density, basal area and biodiversity indices five years after logging in a Caspian hardwood forest .....	167
KESZTHELYI S., PÓNYA Z., PÁL-FÁM F.: Climate-induced seasonal activity and flight period of cerambycid beetles in the Zselic forests, Hungary .....	503
KHALEGHI M.R.: The influence of deforestation and anthropogenic activities on runoff generation .....	245
LINDA R., KUNEŠ I., BALÁŠ M., GALLO J.: Morphological variability between diploid and tetraploid taxa of the genus <i>Betula</i> L. in the Czech Republic .....	531
LOTFALIAN M., SHEIKHMOONESI F., SABZI M., ABASPOUR M., PEYROV S.: Prevalence of burnout among forest workers in Mazandaran, Iran .....	70
MAISSUPOVA I.K., SARSEKOVA D.N., WEGER J., BUBENÍK J.: Comparison of the growth of fast-growing poplar and willow in two sites of Central Kazakhstan .....	239
MARTINÍK A., ADAMEC Z., HOUŠKA J.: Production and soil restoration effect of pioneer tree species in a region of allochthonous Norway spruce dieback .....	34
MASUMIAN A., NAGHDI R., ZENNER E.K., NIKOOY M., LOTFALIAN M.: Comparison of different erosion control techniques in the Hyrcanian forest in northern Iran .....	549
MATĚJKA K.: Multivariate analysis for assessment of the tree populations based on dendrometric data with an example of similarity among Norway spruce subpopulations .....	449
MATINNIA B., PARSAKHOO A., MOHAMMADI J., SHATAEE JOUIBARI S.: Monitoring geometric properties of an existing forest road using airborne Lidar data .....	490
MAUER O., HOUŠKOVÁ K., MIKITA T.: The root system of pedunculate oak ( <i>Quercus robur</i> L.) at the margins of regenerated stands .....	22
MIKLEŠ M., HELEXA M., MIKLEŠ J.: Research on forest terrain roughness as a source of dynamic action on the vehicle .....	363
MIRAKHORLOU K., AKHAVAN R.: Forest density and orchard classification in Hyrcanian forests of Iran using Landsat 8 data .....	355

MOHAMMADI LIMAEI S., LOHMANDER P., OLSSON L.: Dynamic growth models for continuous cover multispecies forestry in Iranian Caspian forests .....	519
MOHAMMADI Z., MOHAMMADI LIMAEI S., LOHMANDER P., OLSSON L.: Estimating the aboveground carbon sequestration and its economic value (case study: Iranian Caspian forests) .....	511
NAKVASINA E.N., DEMINA N.A., PROZHERINA N.A.: Evaluation of survival and growth of <i>Picea abies</i> (L.) H. Karst. and <i>Picea obovata</i> Ledeb. provenances in the north of Russia .....	401
NAVARRO-CERRILLO R.M., GONZÁLEZ-FERREIRO E., GARCÍA-GUTIÉRREZ J., CEACERO RUIZ C.J., HERNÁNDEZ-CLEMENTE R.: Impact of plot size and model selection on forest biomass estimation using airborne LiDAR: A case study of pine plantations in southern Spain .....	88
NEVEROV N.A., BELYAEV V.V., CHISTOVA Z.B., KUTINOV Y.G., STARITSYN V.V., POLYAKOVA E.V., MINEEV A.L.: Effects of geo-ecological conditions on larch wood variations in the North European part of Russia (Arkhangelsk region) .....	192
NOVÁK J., DUŠEK D., KACÁLEK D., SLODIČÁK M.: Analysis of biomass in young Scots pine stands as a basis for sustainable forest management in Czech lowlands .....	555
NOVÁK J., DUŠEK D., SLODIČÁK M., KACÁLEK D.: Importance of the first thinning in young mixed Norway spruce and European beech stands .....	254
NOVOTNÝ R., LOMSKÝ B., ŠRÁMEK V.: Changes in the nutrition and health status of young Norway spruce stands in the Krkonoše Mts. in a 17-year period .....	344
OVCHINNIKOV A.S., LITVINOV E.A., RULEV A.S., FOMIN S.D., KOCHKAR' M.M., VOROB'EVA O.M.: Remote cartographic assessment of the erosion condition of agrolandscapes .....	485
PARHIZKAR P., SAGHEB-TALEBI K., SHAHINI Y., TEIMOURI M.: Introduction of suitable species for planting in gaps of different size (case study: Loveh forest, Golestan, Iran) .....	9
PARSAKHOO A., MOSTAFA M., SHATAEE S., LOTFALIAN M.: Decision support system to find a skid trail network for extracting marked trees .....	62
PECHÁČEK J., VAVŘÍČEK D., KUČERA A., DUNDEK P.: The effect of slow-release fertilizers on the soil environment of spread windrows in the Krušné Hory Mts. ....	331
PEK R., RIEDL M., JARSKÝ V.: Innovative approaches in forest management – the application of a business model to designing a small-scale forestry strategy .....	393
POURMAJIDIAN M.R., KAVIAN H.: Assessment of plant biological diversity and soil characteristics in the pure ash tree stand and in mixture with beech (a case study of Lavij-Noor, Iran) .....	443
RÉDEI K., CSIHA I., RÁSÓ J., KESERŰ Z.: Selection of promising black locust ( <i>Robinia pseudoacacia</i> L.) cultivars in Hungary .....	339
ROSTAMIKIA Y., TABARI KOUCHAKSARAEI M., ASGHARZADEH A., RAHMANI A.: Biomass allocation, leaf gas exchange and nutrient uptake of hazelnut seedlings in response to <i>Trichoderma harzianum</i> and <i>Glomus intraradices</i> inoculation .....	219
ŠÁLEK L., MACHAR I., SIVACIOĞLU A., ZAHRADNÍK D., SIMON J., JEŘÁBKOVÁ L.: Crowns of “forgotten” standards in hardwood floodplain forests .....	538

SCHÖNFELDER O., ZEIDLER A., BORŮVKA V., BÍLEK L.: Influence of site conditions and silvicultural practice on the wood density of Scots pine ( <i>Pinus sylvestris</i> L.) – a case study from the Doksy locality, Czech Republic .....	457
SERAJ M.H., KIANI B.: Efficiency of sector sampling for estimating juniper forest attributes vs. fixed area plot .....	463
SHABANI S.: Modelling and mapping of soil damage caused by harvesting in Caspian forests (Iran) using CART and RF data mining techniques .....	425
SHARMA R.P., VACEK Z., VACEK S., JANSÁ V., KUČERA M.: Modelling individual tree diameter growth for Norway spruce in the Czech Republic using a generalized algebraic difference approach .....	227
ŠTEFANČÍK I.: Crown development of beech crop trees under different thinning regimes .....	173
STEFANOU S., PAPAIOANNOU A., SEILOPOULOS D., PAPAZAFEIRIOU A.: Investigating the variation of diameter and height of <i>Populus</i> sp. clone I-214 under various fertilization treatments in northern Greece – a case study .....	98
STOJANOVIĆ M., SZATNIEWSKA J., KYSELOVÁ I., POKORNÝ R., ČATER M.: Transpiration and water potential of young <i>Quercus petraea</i> (M.) Liebl. coppice sprouts and seedlings during favourable and drought conditions .....	313
STRANDGARD M., MITCHELL R., ACUNA M.: Time consumption and productivity of a forwarder operating on a slope in a cut-to-length harvest system in a <i>Pinus radiata</i> D. Don pine plantation .....	324
SUJOVÁ A., MICHAL J.: Analysis of performance of the forestry sector in the Czech and Slovak Republics .....	293
TOMÁŠKOVÁ I., VÍTÁMVÁS J., BAŽANT V.: Needle water potential of selected pine species during the off-season: A case study .....	16
WÄSTERLUND I., NILSSON P., GREF R.: Influence of storage on properties of wood chip material .....	182
YAZARLOU H., PARSAKHOO A., HABASHI H., SOLTAUNINEJAD S.A.: Effect of the skid trail cross section and horizontal alignment on forest soil physical properties .....	161
REVIEW	
ABDOLLAHNEJAD A., PANAGIOTIDIS D., SUROVÝ P.: Forest canopy density assessment using different approaches .....	107
GHAFFARIYAN M.R.: Impacts of Central Tire Inflation Systems application on forest transportation .....	153
SHORT COMMUNICATION	
FOIT J., KAŠÁK J., MÁJEK T., KNÍŽEK M., HOCH G., STEYRER G.: First observations on the breeding ecology of invasive <i>Dryocoetes himalayensis</i> Strohmeyer, 1908 (Coleoptera: Curculionidae: Scolytinae) in its introduced range in Europe .....	290
ZAHRADNÍKOVÁ M., ZAHRADNÍK P.: The influence of evaporated pheromone upon the trapping of the spruce bark beetle – <i>Ips typographus</i> (L.) (Coleoptera: Curculionidae: Scolytinae) .....	149