

AUTHORS' AND ARTICLES' INDEX (2018)

SUMMARIZING ARTICLES

	N.	P.
<i>E. R. Bukhanov, M. A. Korshunov, A. V. Shabanov</i> Optical Processes in Photosynthesis	5	19
<i>L. I. Milyutin, E. N. Muratova, A. Ya. Larionova</i> Development of Forest Genetics in Russia	1	3
<i>A. A. Onuchin, T. A. Burenina, H. Balzter, A. G. Tsykalov</i> New Look at Understanding Hydrological Role of Forest	5	3

RESEARCH ARTICLES

<i>L. V. Afanas'eva</i> Physiological-Biochemical Adaptation of the Siberian Larch <i>Larix sibirica</i> Ledeb. to Urban Environments	3	21
<i>B. Akgün, E. Yazar, F. Kocacinar</i> Photosynthetic Responses of <i>Amygdalus arabica</i> Olivier and <i>Atriplex canescens</i> (Pursh) Nutt. to Drought Stress Under Field Conditions	6	103
<i>E. V. Bazhina, L. N. Skripal'shchikova, A. P. Barchenkov</i> Fruiting Specifics of Drooping Birch in the Krasnoyarsk Forest-Steppe	6	112
<i>T. A. Burenina, D. A. Prysov, E. V. Fedotova</i> The Influence of Climatic and Anthropogenic Factors on Hydrological Regime of Rivers at the South of Krasnoyarsk Krai	2	48
<i>Yu. P. Demakov, T. V. Nureeva, A. S. Puryaev, V. G. Krasnov</i> Economic Basis and an Experience of Plantation Forest Growing in the Central Volga Region	2	3
<i>S. K. Farber, Sh. Sh. Maksyutov</i> Mapping of Forest Types Confined to the Lay of Land	2	38
<i>G. N. Gordeeva</i> The Results of Introductory Testing of Prospective Species of <i>Spiraea</i> L. Genus for Planting Greenery in Steppe Zone of Khakassia	5	76
<i>V. V. Ivanov, A. N. Borisov, A. E. Petrenko</i> Optimization of Pine Stand Density in the Eastern Cis-Baikalia	5	54
<i>A. V. Ivanov, S. V. Gamaeva, E. V. Panfilova</i> Assessment of Species Diversity of Plants and Carabid Beetles at Sample Plots in Korean Pine-Broad-Leaved Stands of Postfire Origin	3	73
<i>A. V. Ivanov, D. S. Shashenok</i> Korean Pine <i>Pinus koraiensis</i> Siebold & Zucc. in Under-Canopy Forest Crops of the Southern Part of Far East	6	80
<i>G. A. Ivanova, S. V. Zhila, V. A. Ivanov, N. M. Kovaleva, E. A. Kukavskaya</i> Post-Fire Transformation of Basic Components of Pine Forests in Central Siberia	3	30
<i>L. V. Karpenko, A. S. Prokushkin</i> Genesis and History of the Post-Glacial Evolution of Forest Bog in the Valley of the Dubches River	5	33
<i>Yu. V. Klad'ko, V. E. Benkova</i> Radial Growth of Woody Species in the Conditions of High Anthropogenic Load in the City of Krasnoyarsk	4	49
<i>A. V. Klimov, B. V. Proshkin</i> Population and Phenetic Structure of Laurel Poplar <i>Populus laurifolia</i> Ledeb. in the Tom River Basin	5	62
<i>O. A. Klimova, A. N. Kupriyanov</i> Influence of Environmental Conditions on Seed Infusion and Forest Regeneration at Coal Mine Dumps of Kuzbass	5	45

<i>V. O. Kornienko, V. N. Kalaev, A. O. Elizarov</i> The Influence of Temperature on Biomechanical Properties of Woody Plants in the Conditions of Protected and Open Grounds	6	91
<i>N. M. Kovaleva, R. S. Sobachkin, E. Yu. Ekimova</i> Dynamics of Ground Layers after Experimental Fires in Pine Forests	2	61
<i>Yu. N. Krasnoshchekov</i> Transformation of Water-Controlling and Soil-Protective Functions of Mongolia's Larch Forests Under Influence of Anthropogenic Factors	3	42
<i>Yu. N. Krasnoshchekov, M. D. Evdokimenko, A. A. Onuchin</i> Postpyrogenic Digression of Forest Ecosystems in the Mountain Cis-Baikal Region	6	46
<i>F. Kraxner, S. Leduc, S. Fuss, D. Schepaschenko, A. Shvidenko</i> Sustainable Forest-Based Bioenergy in Eurasia	1	16
<i>I. D. Makhatkov, V. A. Kudelya</i> Statistical Analysis of Timber Stock Evaluation Using the Data of State Forest Inventory and Forest Planning	6	16
<i>D. A. Mashukov, A. V. Benkova, V. E. Benkova, A. V. Shashkin, A. S. Prokushkin</i> The Effect of Slope Exposition on Growth Dynamics of Gmelin Larch in Permafrost Conditions of Central Siberia. II. Specifics of Tree Radial Growth at Different Heights of the Stems	3	11
<i>A. A. Montile, I. A. Yusupov, A. I. Montile, S. A. Shavnin</i> Methodical Approach to the Study of Tree Shoots Morphogenesis on Example of Young Scotch Pine Tree Stands, Growing in the Gas Flame Impact Zone	3	3
<i>R. T. Murzakmatov, A. S. Shishikin, A. N. Borisov</i> Specifics of Stands Formation at Coalmine Dumps in Forest-Steppe Zone	1	37
<i>F. N. Ogana, J. S. A. Osho, J. J. Gorgoso-Varela</i> Application of Extreme Value Distribution for Assigning Optimum Fractions to Distributions with Boundary Parameters: An Eucalyptus Plantations Case Study	4	39
<i>P. P. Popov</i> Distribution of Individuals of Intermediate Form in the Populations of Norway and Siberian Spruces	4	13
<i>L. S. Pshenichnikova</i> Growth and Productivity of Larch Crops of Different Density in Southern Taiga of Central Siberia	1	26
<i>A. I. Rodzkin</i> An Experience of Creation Artificial Short Rotation Coppice Willow Plantations on Wetlands after Peat Mining	3	83
<i>O. V. Shergina, T. A. Mikhailova, O. V. Kalugina</i> Change of Biogeochemical Indexes in Pine Forests under Technogenic Pollution	4	29
<i>E. A. Shilkina, M. A. Sheller, T. Y. Razdorozhnaya, A. A. Ibe</i> DNA Diagnostic Results of Forest Nurseries Phytopathogenic Fungi of Krasnoyarsk Krai and the Republic of Khakassia	2	15
<i>A. S. Shishikin, D. Yu. Efimov, S. M. Loshchev, R. T. Murzakmatov, B.-O. Buyantsog</i> Forests of the Khan-Khukhii Mountain Ridge in Mongolia	6	3
<i>H. Sovanchandara, D. Murakami, S. Fujii, S. Aizawa, A. Osawa</i> Correction of Stand Variable Estimates Obtained by the Stand Reconstruction Technique: Can Stump Information Improve the Predictions?	6	25
<i>S. I. Tarasov, T. A. Pristova, K. S. Bobkova</i> Dynamics of Phytomass of a Tree Stand of the Deciduous-Coniferous Phytocenosis in Middle Taiga of Komi Republic	1	50
<i>V. I. Ufimtsev, I. P. Belanov</i> Progressive Successions of Forest Phytocenosis on the Dumps of Kedrovskiy Coal Mine	6	58
<i>V. A. Usoltsev, K. V. Kolchin, V. P. Chasovskikh</i> Net Primary Production of Forest-Forming Species in Climatic Gradients of Eurasia	2	28
<i>E. N. Valendik, E. K. Kisilyakhov, E. I. Ponomarev, I. V. Kosov, A. I. Lobanov, Ch. Dugarjav</i> The Nature of Steppe Fires in Siberia and Mongolia	4	3
<i>G. S. Varaksin, A. A. Vais</i> Complex Assessment of Black Poplar <i>Populus nigra</i> L. Shelterbelts in the South of Central Siberia	4	58
<i>S. N. Velisevich, A. V. Popov, S. N. Goroshkevich</i> Crown Structure of Vegetative Progeny of Young and Mature Generative Trees of the Siberian Stone Pine	6	69

<i>Yu. G. Zaytseva, T. I. Novikova</i> Morpho-Histological Analysis of Shoot Regeneration and Large-Scale Propagation of an Endangered Species <i>Rhododendron mucronulatum</i> Turcz	4	20
<i>R. A. Ziganshin, V. I. Polyakov, V. I. Voronin, Yu. M. Karbainov</i> Monitoring of Forest Ecosystems of Taimyr (Second Communication. First Communication in N. 3, 2017)	3	58

AS A MATTER OF DISCUSSION

<i>S. M. Sin'kevich, A. I. Sokolov, V. A. Anan'ev, A. M. Kryshen'</i> On Regulatory Framework of Forestry Intensification	4	66
--	---	----

SHORT COMMUNICATIONS

<i>E. R. Abramova, S. V. Bryanin, A. V. Kondratova</i> Litter Decomposition in the Post-Fire Larch Forests of the Tukuringra Range (Upper Priamur'e)	2	71
<i>T. Demirel, U. Y. Özkan</i> Estimation of Some Stand Parameters Using Digital Aerial Photographs for Conservation and Service Oriented Forests	5	85
<i>M. A. Kirienko, I. A. Goncharova</i> The Prolonged Influence of Growth Stimulants on Morphometric Indicators of Three-Year Seedlings of Main Forest Forming Species of Central Siberia	1	65
<i>A. V. Stolbikova, A. A. Shishparenok, A. V. Rudikovskiy, E. G. Rudikovskaya, L. V. Dudareva</i> Possible Involvement of Gibberellins in the Formation of Dwarf Varieties of Siberian Crab Apple <i>Malus baccata</i> (L.) Borkh. in the Conditions of Forest-Steppe Ecotone	1	59
<i>P. A. Tsvetkov, I. V. Putintseva</i> Inflammability of a Suburban Pine Recreational Forests of the City of Krasnoyarsk	4	76
<i>V. A. Usoltsev, K. V. Kolchin, I. S. Tsepordey, V. P. Chasovskikh</i> The Study of Comparative Structure of <i>Picea</i> spp. and <i>Abies</i> spp. Tree Biomass on the Territory of Eurasia by Additive and Conventional Methods	6	121

SCIENTIFIC HERITAGE

<i>A. I. Lobanov, V. K. Savost'yanov, Ch. Dugarzhay, Ch. Dorjsuren, V. T. Yarmishko, M. D. Evdokimenko</i> Scientific Heritage of Eugene Nikolaevich Savin (07.11.1921–12.02.2017)	1	71
<i>D. I. Nazimova, D. M. Danilina</i> Scientific Heritage of Arthur Georgievich Krylov – Colleague, Researcher, Philosopher (25.01.1938–03.09.2016)	3	93

REVIEW

<i>M. V. Kozlov</i> How Not to Study Fluctuating Asymmetry	4	81
<i>Yu. I. Man'ko, G. A. Gladkova</i> Valuable Book on History of the Siberian Forestry	1	81
<i>Milyutin L. I., Muratova E. N., Baranchikov Yu. N.</i> IUFRO and V. N. Sukachev Institute of Forest, Russian Academy of Sciences, Siberian Branch	3	100
<i>B. S. Petropavlovskiy</i> Noticeable Contribution to Development of Genetic Forest Typology	2	78

INTERNATIONAL COOPERATION

<i>Sedel'nikova T. S., Pimenov A. V., Wang X.</i> More Siberian Stone Pine Forests: Development of Russian-Chinese Cooperation in Study <i>Pinus sibirica</i> Du Tour	2	81
--	---	----

CHRONICLE

<i>Yu. N. Baranchikov</i> Preparing for Protection of European Forests from Invasive Species of Buprestids	6	126
<i>S. R. Kuz'min</i> 10 Years Preserving Forest Genetic Resources	1	84
<i>S. L. Menshchikov, K. E. Zav'yalov, P. E. Mokhnachev, N. A. Kuzmina</i> National Scientific Conference with International Participation Biological Rehabilitation of Disturbed Lands	5	92
<i>Oktan E., Ayan S., Sedel'nikova T. S.</i> International Forestry and Environmental Symposium (IFES2017): Climate Change and Tree Migration	3	103
Authors' and Articles' Index (2018)	6	132