Conference Program

November 23th, 2023 - Thursday

Joseph Smith Auditorium of the "Stefan cel Mare" University

09.30- Opening session

10.30

Plenary session - Joseph Smith Auditorium of the "Stefan cel Mare" University

10.30- The response of the common oak 10.55 (Quercus robur) and the grayish oak (Quercus pedunculiflora) to climate in the forest-steppe area of southeastern Romania 10.55 Socioecological Dynamics and 11.20 Forest Dependent Communities' Wellbeing: The Case of Yasuní National Park, Ecuador 11.20 Aspects regarding the contribution of the National Forest Extension and Rehabilitation Program to the 10.55 (Quercus robur) and the grayish Balabasciuc Mihai¹ 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development in Forestry 'Marin Draced Bucharest, Romania 1 National Institute for Research and Development i	
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Vatra Dornei, Romania 3 Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Brasov, Romania 10.55- Socioecological Dynamics and 11.20 Forest Dependent Communities' Popa Bogdan¹ Wellbeing: The Case of Yasuní National Park, Ecuador 15aculty of Silviculture and Forest Engineering, 2. Faculty of Sociology and Communica "Transilvania" University of Brasov, Rom 11.20- Aspects regarding the contribution 11.45 Of the National Forest Extension and Rehabilitation Program to the National Forest Research Institute, Rep	1',
Engineering, Transilvania University of Brasov, Brasov, Romania 10.55- Socioecological Dynamics and Isabel Domingues ¹ , Coman Claud 11.20 Forest Dependent Communities' Popa Bogdan ¹ Wellbeing: The Case of Yasuní National Park, Ecuador IFaculty of Silviculture and Forest Engineering, 2. Faculty of Sociology and Communica "Transilvania" University of Braşov, Rom 11.20- Aspects regarding the contribution Dumitru Galupa, Talmaci Ion, 11.45 of the National Forest Extension and Rehabilitation Program to the	IONT),
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National Park, Ecuador Engineering, 2. Faculty of Sociology and Communica "Transilvania" University of Braşov, Ron 11.20- Aspects regarding the contribution Dumitru Galupa, Talmaci Ion, Florenta Gheorghe and Rehabilitation Program to the National Forest Research Institute, Rep	
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and Rehabilitation Program to the National Forest Research Institute, Rep	
National Forest Research Institute , Rep	
sustainable development of the of Moldova Republic of Moldova	oublic
11.45- Conclusions	
12.00	

Session: Environmental Economics and Policy Room: E 105

Moderator: Laura Bouriaud

13.00- 13.15	The music of wood - the connection between the forest ecosystem, the manufacturing technology and art	Mariana Domnica Stanciu ¹ , Florin Dinulica ² , Vasile Ghiorghe Gliga ^{1,3} , Mihaela Campean ⁴ , Adriana Savin ^{1,5} , Silviu Marian Nastac ^{1,6} , Alina Marian Nauncef ⁷ 1 Department of Mechanical Engineering, Transilvania University of Brasov 2 Department of Forest Engineering, Forest Management Planning and Terrestrial Measurements, Transilvania University of Braşov, 3 S.C. Gliga Musical Instruments S.A., Reghin, Romania; 4 Faculty of Furniture Design and Wood Engineering, Transilvania University of Brasov, 5 Institute of Research and Development for Technical Physics, 6 Faculty of Engineering and Agronomy, Braila, "Dunarea de Jos" University of Galati, Romania, 7 Faculty of Music, Transilvania University of Braşov
13.15- 13.30	Promoting renewable energies as a tool for climate change mitigation; case studies – solar energy for the cities of Leeuwarden (Netherlands) and Suceava (Romania)	Alexandra Smalberger, Anca Măciucă "Ștefan cel Mare" University of Suceava, Forestry Faculty, Romania
13.30- 13.45	Dimensional characteristics of wood chips and their moisture content for short-rotation crops of energy willow	Cezar Scriba, Elena Camelia Musat* Transilvania University of Brasov - Faculty of Silviculture and Forest Engineering, Romania
13.45- 14.00	Determination of the potential social and biomass production impact of forestry works adjacent to the Via Transilvanica route	Cerasela Teodorescu "Ștefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania
14.00- 14.15	Critical Analysis of Payments for Ecosystem Services: Case Studies in Kenya, Uganda and Tanzania	Ibrahim Osewe , Aureliu-Florin Hălălișan, Nicolae Talpă, Bogdan Popa Transilvania University of Brasov - Faculty of Silviculture and Forest Engineering, Romania
14.15- 14.30	Analysis of the first-year students of the Forestry Faculty perceptions concerning the Romanian forests management	Catalina Oana Barbu. Liviu Nichiforel, Sergiu Andrei Horodnic "Ştefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania
14.30- 14.45	The Romania Forest legislation seen as a Javon's Paradox	Marian Dragoi ¹ , Dragoș Costin ¹ , Veronica Toza ² , Vasile Iosifescu ¹ , Petru Drob ² și Gabriel Dănilă ¹ 1 "Ștefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania, 2 Legal consultant

14.45- 15.00	Forest laws analysis in selected European countries	Liviu Nichiforel ¹ , Valeriu-Norocel Nicolescu ² 1"Ştefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania 2 Transilvania University of Brasov - Faculty of Silviculture and Forest Engineering, Romania
15.00- 15.30	Coffee break	
15.30- 15.45	PEFC - Standards for Sustainable Forest Management	Lucian Filigean PEFC Romania
15.45- 16.00	Perceptions of stakeholders input for FSC forest management certification from Romania	Bogdan Buliga ¹ , Liviu Nichiforel ² 1Preferred by Nature 2 "Ștefan cel Mare" University of Suceava, Forestry Faculty, Romania
16.00- 16.15	A new metric to assess the deadwood presence in FSC certified forests	Ciprian Ceornea "Ștefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania
16.15- 16.30	Understanding the EU Deforestation Regulation - Resources and tools for implementation	Tudor Serban, Bogdan Buliga Preferred by Nature
16.30- 16.45	The role of cultural ecosystem services for sustainable forest management	Ramona Scriban, Marian Drăgoi, Carmen Badaluta "Ștefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania
16.45- 17.00	Analizing the possibility to RfiD utilisation in forestry in Romania	Pălie Dorin, Laura Bouriaud "Ștefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania

Session: Fo	orest Ecosystems and Climate	Room: E113	
Moderator: Gabriel Duduman			
13.00- 13.15	Deadwood carbon dynamics over 10- years in a temperate virgin forest	Ion Cătălin Petrițan Transilvania University of Brasov, Romania	
13.15- 13.30	Mapping vegetation in the protection areas of the high voltage power lines for Ecological corridor Management	Ionut Barnoaiea ¹ , Ciprian Palaghianu ¹ , Ovidiu Iacobescu ¹ , Alina Dobresanciuc ² , Gabriel Duduman ¹ , Cezar Tomescu ¹ , Alexei Savin ¹ , Vasile-Cosmin Cosofret ¹ , Daniel Avacaritei ¹ , Iulian Danila ¹ , Georgel Mazare ¹ , Florin Clinovschi ¹ , Corneliu Pohontu ¹ , Gabriel Danila ¹ , Paul Iliescu ¹ 1. "Ştefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania, 2. Delgaz Grid S.A.,Romania	
13.30- 13.45	Results of vegetation and fauna mapping in Şipote Forest, Suceava municipality	Gabriel Duduman, Cezar Tomescu, Anca Măciucă, Ionuț Barnoaiea, Ovidiu Iacobescu, Mihai-Leonard Duduman "Ștefan cel Mare" University of Suceava, Forestry Faculty, Romania	
13.45- 14.00	Mapping historically disturbed forest structure using LiDAR and spy sattelites in Pecineagu watershed	Ioana Alexandra Nicolae, Mihai Daniel Niță Transilvania University of Brasov, Romania	
14.00- 14.15	Comparing the efficiency of forest mitigation strategies on carbon sequestration	Cosmin Cosofret, Olivier Bouriaud, Laura Bouriaud "Ștefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania	
14.15- 14.30	Use of terrestrial laser scanner (TLS) to optimize tree sampling for allometric model fitting in short-rotation woody crops (SRWCs)	Iulian Dănilă, Cosmin Coșofreț, Olivier Bouriaud "Ștefan cel Mare" University of Suceava, Forestry Faculty, Romania	
14.30- 14.45	Wood density in Norway Spruce (<i>Picea abies</i> (L.) H. Karst) stand installed using different planting schemes in the north of the Eastern Carpathians	Gheorghe Ştefan ^{1,2} , Răzvan Vasile Câmpu ³ , Radu Vlad ² , Alexandra Ispravnic (Ştefan) ^{1,2} 1. Interdisciplinary Doctoral School, "Transylvania" University from Brasov, Romania 2. National Institute for Research and Development in Forestry 'Marin Dracea', Campulung Moldovenesc, Romania 3. Department of Forest Engineering, Forest Manangement Planning and Terrestrial Measurements, Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Romania	

14.45- 15.00	Growth and development indices at stand level in mixed Norway spruce (<i>Picea abies</i> (L.) H. Karst) silver fir (<i>Abies alba</i> Mill.) and beech (<i>Fagus sylvatica</i> L.) stands from the north of the Eastern Carpathians	Alexandra Ispravnic (Stefan) ^{1,2} Razvan Vasile Câmpu ³ , Radu Vlad ² , Gheorghe Stefan ^{1,2} 1 Interdisciplinary Doctoral School, Transilvania University of Braşov, Romania 2 National Institute for Research and Development in Forestry "Marin Drăcea" Câmpulung Moldovenesc Research Station, Romania 3 Department of Forest Engineering, Forest Manangement Planning and Terrestrial Measurements, Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Romania
15.00-15.3	30 Coffee break	·
15.30- 15.45	A systematic survey of conventional and new postural assessment methods	Gabriel Osei Forkuo Department of Forest Engineering, Forest Management Planning and Terrestrial Measurements, Faculty of Silviculture and Forest Engineering, Transilvania University of Braşov, Romania
15.45- 16.00	Patterns of forest species association in sapling communities: a story of love and hate	Ciprian Palaghianu, Cosmin Coşofreţ "Ştefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania
16.00- 16.15	Weeding of seedlings in forest nurseries by chemical method - case study	Georgel Constantin Mazare "Ştefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania
16.15- 16.30	The specifics of the growth of beech seedlings (Fagus Sylvatica L.) of different geographic proveniences in the "Plaiul Fagului" scientific reserve	Victor Sfeclă, Alexandru Chetrean, Irina Sfeclă Technical University of Moldova, Faculty of Agricultural, Forest and Environmental Sciences, Chisinău, Republic of Moldova
16.30- 16.45	Analysing the sound speed through the wood and stability of Norway spruce trees affected by trunk rot	Gheorghe Pei ¹ , Radu Vlad ² 1.Transilvania University of Brașov, Faculty of Silviculture and Forest Engineering, Romania 2.National Institute for Research and Development in Forestry (INCDS) "Marin Drăcea" - Câmpulung Moldovenesc, Romania
16.45- 17.00	The viability of beech seedlings of different geographic proveniences (Fagus sylvatica L.) in the conditions of the "Plaiul Fagului" scientific reserve	Victor Sfeclă ¹ , Irina Sfeclă ¹ , Nina Zdioruk ² , Nicolae Platovschii ² 1Technical University of Moldova, Faculty of Agricultural, Forest and Environmental Sciences, Chişinău, Republic of Moldova 2Institute of Genetics, Physiology and Plant Protection of SUM, Chisinau, Republic of Moldova

Session: Forest Assessment, Modelling, Forest Management Room: E109

Moderator: Cătălin Constantin Roibu

13.00- 13.15	Exploring the effect of long-term natural disturbance dynamics on contemporary lichen communities	Rhiannon Gloor ¹ , Marek Svitok ² , Martin Mikoláš ^{1,3} , Jeňýk Hofmeister ¹ , Ondřej Vostárek ¹ , Daniel Kozák ¹ , Lucie Zemanová ¹ , Miroslav Svoboda ¹ 1Department of Forest Ecology, Faculty of Forestry and Wood Sciences, Czech University of Life Sciences Prague, Praha 6 – Suchdol, Czech Republic 2Faculty of Ecology and Environmental Sciences, Technical University in Zvolen, Slovakia 3PRALES, Odtrnovie 563, 013 22 Rosina, Slovakia
13.15-	Particularities in beech and oak	Catalin-Constantin Roibu ¹ , Andrei Mursa
13.30	responses to climate at the easternmost	¹ , Ciprian Palaghianu ¹ , Marian-Ionut
	sites of their distribution in Europe.	Stirbu ¹ , Mihai Gabriel Cotos ¹ , Cosmin
		Andriescu ¹ , Ana-Maria Cretan ² , Victor Sfecla ^{1,3}
		(1) Forest Biometrics Laboratory- Faculty of Forestry, "Stefan cel Mare" University of Suceava, Romania (2) Transilvania University of Brasov, Romania (3) Technical University of Moldova, Republic of Moldova
13.30-	Outstanding structural attributes of	Matej Ferenčík
13.45	primary spruce forests shape	Czech University of Life Sciences Prague, Faculty of
	regional species distribution of	Forestry and Wood Sciences, Department of Forest
	various taxa	Ecology, Czech Republic
13.45-	Optimal distribution of sample trees in	Ioan Dutca
14.00	developing allometric biomass models	1.Transilvania University of Brasov, Romania;
		2.Buckinghamshire New University
14.00-	The vulnerability of some juvenile	Anca Botezatu, Anca-Ionela Semeniuc
14.15	fir provenances (Abies alba Mill.) to	Fecioru, Maria Teodosiu
	damage caused by late frosts, evidenced by frost rings	National Institute for Research and Development in
	evidenced by most migs	Forestry" Marin Drăcea" Câmpulung Moldovenesc, Romania
14.15-	Maple resonance wood: structural	Florin Dinulică ¹ , Mariana Domnica
14.30	and acoustic requirements	Stanciu ¹ , Cătălin Constantin Roibu ² ,
,		Cristian Hiciu ¹ , Daniel Constantin
		Şandor ¹ , Marian Ştirbu ² , Andrei Mursa ²
		1Transilvania University of Brasov, Romania,
		2"Ştefan cel Mare" University of Suceava, Forestry
		Faculty, Suceava, Romania

14.30- 14.45	Deadwood and saproxylic beetles in the Sinca Old-Growth Forest	Gabriela Isaia ¹ , Mihai-Leonard Duduman ² , Ionuţ-Marian Dragomir ¹ , Ion Cătălin Petriţan ¹ 1Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering, Romania 2"Ştefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania
14.45- 15.00	Bark and wood boring beetles in relation with the new episodes of oak decline in North-East of Romania	Daniela Lupaștean ¹ , Constantin Ciornei ² , Florin Botezatu ³ , Mihai-Leonard Duduman ¹ 1"Stefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania, 2independent researcher, 3Ingka Investments Forest District, Romania
15.00- 15.30	Coffee break	
15.30- 15.45	Leaf morphological traits distinguish between Cuban native species of mahagoni and the Hondurian mahagony.	Liuder Isidoro Rodríguez Coca, Elena Ciocirlan, Alexandru Lucian Curtu Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Romania
15.45- 16.00	Comparison between atmospheric depositions recorded at the Rarau experimental plot at different altitudes	Amelia Buculei ¹ , Carmen Iacoban ¹ , Ştefan Leca ² 1. National Institute for Research and Development in Forestry" Marin Drăcea", Câmpulung Moldovenesc, 2. National Institute for Research and Development in Forestry" Marin Drăcea", Voluntari, România
16.00- 16.15	Effects of industrial activity and air pollution on European beech trees in Transylvania, Romania	Cosmin Ilie Cuciurean ^{1,2} , Cristian Gheorghe Sidor ¹ , Ionel Popa ^{1,3} (1) National Research and Development Institute in Forestry "Marin Drăcea", Romania, (2) Doctoral School of Engineering Sciences, "Ștefan cel Mare" University from Suceava, Romania, (3) Center of Mountain Economy -INCE - CE-MONT Vatra Dornei, Romania
16.15- 16.30	Co-exposure effects of polypropilene and ketoprofen treatments on zebrafish behavior	Ionuţ-Alexandru Chelaru ^{1,2} , Alexandra Savucă ^{1,2} , Alin Stelian Ciobîcă ^{3,4,5} , Dorel Ureche ⁶ , Mircea Nicuşor Nicoară ^{1,3} 1 Doctoral School of Geosciences, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iaşi,

		2 Doctoral School of Biology, Faculty of Biology, "Alexandru Ioan Cuza" University of Iaşi, 3 Department of Biology, Faculty of Biology, "Alexandru Ioan Cuza" University of Iaşi, 4 Academy of Romanian Scientists 5 Center of Biomedical Research, Romanian Academy, Iaşi, 6 Faculty of Sciences, Department of Biology, Ecology and Environmental Protection, University "Vasile Alecsandri", Bacau, Romania
16.30- 16.45	The study of the evolution of natural regeneration in the territories located outside the Adancata forest area	Savin Alexei, Voloșciuc Florentin-Nicolae, Cucu Cornel-Constantin "Ștefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania
16.45- 17.00	The structure of the forest fund of the Străseni Silvocinegetic Enterprise depending on the natural conditions	Grati Vladislav ^{1,2} , Bunduc Tatiana ³ , Bejan Iurie ³ 1.Moldova State University, 2.Faculty of Forestry, "Stefan cel Mare" University of Suceava, 3. Moldova State University, Institute of Ecology and Geography
17.00- 17.15	Comparative analysis of altitude accuracy for forest roads, using methods based on total stations and lidar	Bogdan Popovici "Stefan cel Mare" University of Suceava, Forestry Faculty, Suceava, Romania

Poster Session 17.00-18.30 Lobby E – Building

Moderator: Mihai-Leonard Duduman

5	Freshwater Fish Communities As An	Corneliu Mihaita Pohontu
min	Indicator Of Pesticide Pollution	Stefan cel Mare University of Suceava, Romania
5	Results-based payments in the	Teodorescu Cerasela
min	agricultural sector, with the possibility	Ștefan cel Mare University of Suceava, Romania
	of application in the forestry sector	
5	Ichthyofauna from the Casin river basin in	Teodora-Ramona Popa, Camelia Ureche,
min	2023	Dorel Ureche
		Universitatea "Vasile Alecsandri" din Bacău,
		Romania
5	The study of the interaction between	Mariana Croitor
min	environmental policy and forestry policy	Ștefan cel Mare University of Suceava, Romania
	with applicability to protected natural	
	areas	
5	Forestry 4.0: How is the fourth	Iulian Dănilă, Ciprian Palaghianu
min	technological advancement affecting the	Ștefan cel Mare University of Suceava, Romania
	forestry sector?	
5	The response of larch seedlings from	Alina M. Truţa¹, Iulia Arion¹, Irina M.
min	different Romanian provenances to low	Morar ^{1*} , Steluta M. Sîngeorzan1, Catalina
	temperatures	Dan ² , Roxana D. Stoian-Dod ² , Liviu Holonec ¹
		1 University of Agricultural Sciences and
		Veterinary Medicine Cluj-Napoca, Faculty of
		Forestry and Cadastre, Romania; 2 University of
		Agricultural Sciences and Veterinary Medicine
		Cluj-Napoca, Faculty of Horticulture and Business
		in Rural Development, Romania;
5	Analysis of the main characteristics and	Irina M. Morar ¹ , Alina M. Truta ^{1*} , Roxana D.
min	germination capacity of fir seeds under	Stoian-Dod ² , Catalina Dan ²
	various abiotic stress conditions	1 University of Agricultural Sciences and
		Veterinary Medicine Cluj-Napoca, Faculty of
		Forestry and Cadastre, Romania; 2 University of
		Agricultural Sciences and Veterinary Medicine
		Cluj-Napoca, Faculty of Horticulture and Business
		in Rural Development, Romania

5 min	The effect of rewilding of beech- dominated temperate forest ecosystems on carbon stocks and biodiversity indicators	Markuljaková K., Kozák D., Mikoláš M., Ferenčík M., Frankovič M., Dúhová D., Svoboda M. Faculty of Forestry and Wood Sciences, Czech University of Life Sciences Prague, Kamýcká 129, 165 21 Praha 6 – Suchdol, Czech Republic
5 min	Evaluation and monitoring of comparative trials of half-sib	Alina Todirică, Maria Teodosiu, Cristiana Ciuvăț, Ecaterina Apostol National Institute for Research and Development
	provenances of beech (Fagus sylvatica L.) installed in two forest districts Demacusa and Vidra	in Forestry "Marin Drăcea", Romania
5 min	Survey's and questionnaires for forestry research. Tools for the present.	Andrei Apăfăian ¹ , Cristian Mihai Enescu ² , Vlad Crișan ¹ 1"Marin Drăcea" National Institute for Research and Development in Forestry, Brașov, Romania, 2 Department of Soil Sciences, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania
5 min	Phytosanitary status of pedunculate oak crops in Voivodeni forest nursery, Reghin Forestry District, Mureș County Forest Administration, in the period 2021-2023	Mircea Ioan Varga ¹ , Ioan Tăut ^{1,2*} , Florin Alexandru Rebrean ¹ , Mircea Moldovan ² , 1University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Faculty of Forestry and Land Surveying, 2"Marin Drăcea" National Institute for Research and Development in Forestry Cluj, Romania
5 min	Empirical Procedure For Estimating The Effect On The Peak Discharge Of Torrent Control Works	Ioan Ciornei Ștefan cel Mare University of Suceava, Romania
5 min	Floristic notes of the "Dobruşa" landscape reserve of the Republic of Moldova	Victor Sfeclă ¹ , Pavel Pînzaru ² 1 State University of Moldova, Chişinău, Republic of Moldova, 2 "Alexandru Ciubotaru" National Botanical Garden (Institute), SUM, Chişinău, Republic of Moldova
5 min	Aspects regarding the identification of forest genetic resources of cvercines in the North area of the Republic of Moldova	Gheorghe Florență ^{2,1} , Valeriu Caisîn ^{3,1} , Aliona Miron ¹ , Veronica Florență ^{2,1} 1 National Botanical Garden (Institute) "Alexandru Ciubotaru" of the State University of Moldova 2 Forest Research and Management Institute, Chisinau, Republic of Moldova 3 Agency "Moldsilva"

5	Issues of assessing carbon stocks in the	Ion Talmaci ^{1,2} , Aliona Miron ¹ , Alexandru
min	biomass and soil of grasslands in Orhei	Galupa ^{1,2} , Erii Prosii ^{1,2} , Ghenadie Cojocaru ^{1,2} ,
	National Park	Ala Mardari ^{1,2} , Ludmila Talmaci ¹
		1Grădina Botanică Națională (Institut)
		"Alexandru Ciubotaru" a Universității de Stat din Moldova
		2Institutul de Cercetări și Amenajări Silvice
5	Aspects regarding the estimation of	Ion Talmaci ^{1,2} , Erii Prosii ^{1,2} , Alexandru
min	carbon from the biomass of forest trees	Galupa ^{1,2} , Ghenadie Cojocaru ^{1,2} , Ala
	in the Southern Area of the Republic of	Mardari ^{1,2} , Aliona Miron ¹ , Ludmila Talmaci ¹ ,
	Moldova	Alexandru Varzari ^{1,2}
		1Grădina Botanică Națională (Institut) "Alexandru Ciubotaru" a Universității de Stat din Moldova
		2Institutul de Cercetări și Amenajări Silvice
5	Species Orchis Purpurea HUDS. in the	Aliona Miron¹, Alexandru Galupa¹,²,
min	grasslands of the Orhei National Park	Ghenadie Cojocaru ^{1,2}
		1"Alexandru Ciubotaru" National Botanical Garden (Institute) of the State University of Moldova,
		Chisinau, Republic of Moldova
		2Forest Research and Management Institute,
		Chisinau, Republic of Moldova