

Curriculum vitae



PERSONAL INFORMATION

Name / Surname	Păcurar Florin Simion
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Nationality	Romanian

OCCUPATIONAL FIELD - EDUCATION

Discipline	Grassland management and forage crops
Fields of competence	Management of natural and semi-natural grassland (inclusive oligotrophic and HNV grassland) Monitoring of habitats Management of biodiversity Methods of study and interpretation of grassland vegetation and applied management. Natural and cultural landscape Sustainable use of natural resource Planning grassland systems
Fields of interest	Mountain agroecosystems, Conventional and ecological management of grasslands, Phytodiversity of grasslands with low inputs, Biodiversity conservation, Agronomic and ecological value of grasslands, Landscaping, Management of grassland resources, Assessment of anthropogenic (harvesting) impact on natural and semi-natural ecosystems sustainable rural.
Teaching activity (courses, degree programs and master)	Disciplines: 2019 - present - Course and practical works Ecological production systems - Master - Management of Natural and Agrotourism Resources 2019 - present - Course and practical works Landscape and biodiversity - Master - Management of Natural and Agrotourism Resources 2018 - present - Course and practical works Biodiversity conservation - Agriculture 2016 - present - Course and practical works Grassland Sciences - Montanology 2016 - present - Course and practical works Habitat Monitoring (Investigation of environmental factors) - Environmental Engineering 2008 - 2016 - Course and practical works in Ecopratology - III Engineering and Environmental Protection 2005 - present – Course and practical works on the Grassland and Forage Crops -Agriculture 2005 - present - Course and practical works on Ecosystem Protection - Montanology 2005 - present - Course and practical works on Biodiversity Conservation - Montanology

PROFESSIONAL EXPERIENCE	
Dates / Occupation or position held / Name of employer	2024 – present – Vice Dean for Academic Affairs and Quality Assurance at the Faculty of Agriculture, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania
Dates / Occupation or position held / Name of employer	2021 – present - Professor / Head of Department for Grassland Management / University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
Dates / Occupation or position held / Name of employer	2016 – 2021 - Associate Professor / Head of Department for Grassland Management / University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
Dates / Occupation or position held / Name of employer	2008 – 2016 - Lecturer / University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
Dates / Occupation or position held / Name of employer	2005 – 2008 - Assistant professor / University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
Dates / Occupation or position held / Name of employer	2000 – 2005 - PhD student / University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania
Dates / Occupation or position held / Name of employer	2004 – 2021 - external expert / collaborator of grassland habitats and biodiversity management / R.N.P Romsilva Apuseni Natural Park Administration
International research projects – <u>project leader</u>	2021-2023 - Schutz des artenreichen Graslands im Apuseni-Gebirge (Rumänien) durch eine nachhaltige Nutzung von <i>Arnica montana</i> (Protection of the species-rich grassland in the Apuseni Mountains (Romania) through the sustainable use of <i>Arnica montana</i>), project no. 7025/29.04.2021; 2017 - <i>Analyse prioritärer Handlungsräume für Biodiversitätsschutz in Rumänien</i> -NATREG - (Analysis of priority areas for action for biodiversity protection in Romania) - project no. 12667/30.06.2017, (https://www.hs-rottenburg.net/fileadmin/user_upload/Forschung/Veroeffentlichungen/Forschungsberichte/HFR-Forschungsbericht-2018.pdf)
National research projects – <u>project leader</u>	2021-2022 - <i>"Study of grassland vegetation and management plan of the pastoral used areas in the village Cojocna (Cluj county), "</i> – project with the national business environment, project no. 130/5.01.2021; 2019 - <i>"Study of grassland vegetation and management plan of the pastoral used areas in the village Cojocna, Cluj county, respectively the pastures managed by Vulturul Association, Parohia Reformată, Parohia Unitariană, Asociația Gospodarilor și Lăzanu Maria"</i> , – project with the national business environment, project no. 5335 din 25.03.2019; 2017 – 2018 - <i>"Study of grassland vegetation and management plan of the pastoral used areas in the village Mociu"</i> , – project with the national business environment, project no.16217/27.07.2017; 2015 – 2016 - <i>"Study of grassland vegetation and management plan of the pastoral used areas in the villages: Jucu (Cluj county), Frata (Cluj county), Gilău (Cluj county), Ilva Mică (Bistrița-Nasaud county)"</i> – – project with the national business environment (PFA Mureșan Lorell Sorin) contract no. 15926/05.10.2015; 2013 – 2016 - <i>"Study of biological, ecological and agronomic particularities of the prato-ecosystems with Arnica montana and evaluation of human impact"</i> , – project with the national business environment (SC Bioflora Apuseni SRL), project no. 3195/29.03.2013; 2009 – 2012 - <i>New approaches concerning sustainable use of secondary grasslands in order to maintain the specific cultural landscape"</i> , – CNCSIS project, PN II Idei, code 1501, project no. 1090/2009.

International projects - member of the implementation team	<p>2019-2021 - <i>Collection of wild plants an economic relevance of such resources in the phytomedicine and health sector (Pharmaplant)</i>, funded by the German Ministry of Education and Research;</p> <p>2016 – 2019 - Innovative and sustainable intensification of integrated food and non-food systems to develop climate-resilient agroecosystems in Europe and around the world, project no. 60/2016.</p> <p>2015 – 2017 - <i>Evaluation of fertilizers Herbagreen Z20 and Herbagreen Fluid on different cultivated species in Romania</i>, – project with the international company Sanovita, project no. RO-2015-01, project 2015–USAMV-01;</p> <p>2014 – 2015 - <i>Evaluation of fertilizers Herbagreen Z20 and Herbagreen Fluid on different cultivated species in Romania</i>, – project with the international company Sanovita, contract no. RO-2014-01, project 2014–USAMV-01;</p> <p>2005 – 2006 – Romanian-Hungarian corridor for biodiversity conservation, funded by Phare CBC;</p> <p>2004 – 2007 - <i>Conservation of Eastern European medicinal plants: Arnica montana in Romania</i>, local coordinator of the project, Darwin Initiative (Project WWF), Cod RO 007 (162/13/020), (http://www.darwininitiative.org.uk/documents/13020/2972/13-020%20AR1%20Ann%204%20flyer%20exterior.pdf);</p> <p>2000 – 2004 - <i>Perspektiven für eine traditionelle Kulturlandschaft in Osteuropa</i>“, – initiated by the Albert-Ludwigs-University, Institut für Landespflege, financed by the Bundesministerium für Bildung und Forschung (BMBF), code FKZ 0339720/5.</p>
National projects - member of the implementation team	<p>2020 - <i>Study of grassland vegetation and management plan of the pastoral used areas in the village Monor, Bistrița Năsăud county</i>, project with the national business environment (Monor commune City Hall), <i>national business environment project</i>, project no. 1494/26.06.2020;</p> <p>2017 – 2018 trainer within the project "<i>Professional training and knowledge transfer for the efficient implementation of agro-environmental and climate commitments for the farmers of Region 6 (North-West Region)</i>" – AFIR Project (PNDR), Sub-measure 1.1 - Support for vocational training and skills acquisition, contract no. C4ABC01110160000051, beneficiary: Association "Microbial Biotechnology Center – BIOTEHGEN;</p> <p>2012 – 2014 - <i>Scientific coordinator of the project entitled "The effect of applying amendments on the semi-natural grasslands and some crops in order to increase yield, maintain phytodiversity and enhance soil with high acidity, – National business environment project (SC Holcim Romania SA)</i>, project no. 994/9.05.2012;</p> <p>2011 – 2012 - Postdoctoral research in the thesis on "<i>Influence of low input on grassland with high ecological value from Apuseni Mountains</i>" – project code POSDRU/89/1.5/S/62371, supervisor prof. dr. Ioan Rotar;</p> <p>2009 – 2012 - <i>Conservation of Arnica montana ecosystems biodiversity through sustainable use</i>, – a CNCSIS project, PN II Idei, code 1485, contract no. 1099/2009;</p> <p>2009 – 2012 - <i>Establishing an assortment of annual and perennial fodder crops in Transylvanian, in order to mitigate the negative effects of drought on fodder production</i> – a CNCSIS project, PN II Idei, code 1488, contract no. 1107/2009.</p>
PUBLICATIONS	
Books and chapters in international specialty books	5
Books and chapters in national specialty books	3
Manuals and practical work guides	5

Listed and indexed articles (ISI)	40
Scientific articles indexed in other international databases (BDI)	206
Total list of published papers	251
PROFESSIONAL PRESTIGE	
<i>h</i>-index Web of sciene	13
<i>h</i>-index Google scholar	19
Scopus index	11
MANAGERIAL EXPERIENCE	
Coordination	2017 – present - Member of the Board of the Faculty of Agriculture 2017 – present - Montanology study program coordinator 2017 – present - Master coordinator of Natural and Agrotourism Resources Management 2012 - 2020 - Member of the Council of the Plant Culture Department - responsible for research
EDUCATION AND TRAINING	
Period	2011 - 2012
Qualification / diploma obtained	Postdoctoral studies
The name of the educational institution	USAMV Cluj-Napoca, project code POSDRU /89/1.5/S/62371
Period	2000 - 2005
Qualification / diploma obtained	PhD studies , PhD Diploma in AGRONOMY - Seria D nr. 0004501
The name of the educational institution	USAMV Cluj-Napoca
Period	1999 - 2000
Qualification / diploma obtained	Master studies - Specialization in Modern technologies specific for grasslands and for plant cultures in mountain areas; MASTER DIPLOMA
The name of the educational institution	USAMV Cluj-Napoca
Period	1994 - 1999
Qualification / diploma obtained	Bachelor studies at the Faculty of Agriculture, USAMV Cluj-Napoca, specialization in Agriculture; BACHELOR DIPLOMA - ENGINEER IN AGRICULTURE SCIENCES – Seria R nr. 0096661
The name of the educational institution	Facultatea de Agricultură, USAMV Cluj-Napoca
Period	1990 - 1994
Qualification / diploma obtained	Agricultural High-School of Blaj, Agent for plant protection; HIGH-SCHOOL DIPLOMA - Serie I nr. 175737
The name of the educational institution	Agricultural High School Blaj, Alba county
Specializations and qualifications	November 2013 Internship at Albert Ludwigs-University Freiburg, specialization in Multivariate statistical methods for ecology (programs PC-ORD and R) August 2006 International Summer School, Faculty of Agriculture and Horticulture at Humboldt University in Berlin.
Personal skills and competences	
Mother tongue (s)	Romanian

Foreign languages	Understanding	Speaking	Writing
German language	Independent user	Independent user	Independent user
English language	Independent user	Basic user	Basic user
Computer skills and competences	Effective operation in Microsoft Office 2007, ArcView GIS 3.3. programmes, PC-ORD etc		
Professional affiliations	<p>Since 2009 - member of the Romanian Grassland Society; Since 2006 - vice-president of the biodiversity conservation NGO called ECOFLORA; Since 2015 – vice president of the NGO Association Technical Institute for Organic Agriculture; Since 2019 – vice-president of the Romanian Grassland Society; Since 2018 - member of the Scientific Council of the Apuseni Natural Park; Since 2018 - member of the Scientific Council of the Jiu Gorge National Park.</p>		
Other activities			
Reviewer	<p>Romanian Biotechnological Letters (ISSN 1224-5984) ISI rated IF = 0,381; Plants (ISSN 2223-7747), IF = 2.762; Land (ISSN 2073-445X), IF = 2.429; Romanian journal of grassland and forage crops; Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Agriculture, (ISSN 1843-5246); Research Journal of Agriculture Science, Banat University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” of Timișoara.</p>		
Editorial board	<p><i>AGRICULTURE, ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVELOPMENT</i> – Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca</p>		
Organization of conferences, summer schools, workshops	<p>2018 (31 July - 14 August) – Organization of the Summer School in Montenegro, Bosnia and Hertegovina “<i>Monitoring of forests and landscapes</i>”, in cooperation with the Albert-Ludwigs-University Freiburg, financed by the DAAD (Programm Ostpartnerschaften); 2017 (31 July - 12 August) – Organization of the Summer School in Romania with the topic “<i>Monitoring of forests and landscapes</i>”, in cooperation with the Albert-Ludwigs-University Freiburg, financed by the DAAD (Programm Ostpartnerschaften); 2017 (June) – Organization of the workshop “Nature oriented regional development in SEE, on the topic „<i>Identification of Priority Regions for the Conservation of Biodiversity in Romania</i>” Cluj Napoca, Romania; 2016 (1 – 12 August) – Organization of the Summer School in Germany at the University Freiburg and in the Black Forest Mountains, with the topic “<i>Monitoring of forests and landscapes</i>”, financed by the DAAD (Programm Ostpartnerschaften); 2014 (22 August) – Organization of the workshop entitled “<i>Sustainable management of the Arnica montana species in the Apuseni Mountains</i>”, in Ghețar village, Gîrda de Sus commune, Alba county; 2014 (July) – Organization of the annual Conference of the Romanian Society of Grassland, in Ghețari, Apuseni Mountains, Romania; 2013 (July - August) – Organization of the Summer School in Romania (in the Apuseni Mountains) with the topic “<i>Classification, Evaluation and Management of Grasslands in Europe</i>” in cooperation with Albert-Ludwigs-University Freiburg and the Swedish Biodiversity Centre of the University Uppsala, financed in the frame of ERASMUS – Lifelong Learning Program (LLP), Intensive Programm (IP);</p>		

	<p>2011 – Organization of a thematic excursion regarding biodiversity in Ghetari, Apuseni Mountains, Romania for the Swedish Biodiversity Centre of the University Uppsala;</p> <p>2011 – Organization of a thematic excursion in Ghetari, Apuseni Mountains, Romania the Apuseni Mountains for the Hochschule für Forstwirtschaft Rottenburg from Germany;</p> <p>2010 – 2012 – Organizer of the Romanian team for the ERASMUS Intensive Programs Lifelong Learning (IP) entitled "<i>Classification, evaluation and management of grassland</i>" (CEMGE), between Albert-Ludwigs-University Freiburg, USAMV Cluj-Napoca; and Swedish Centre for Biodiversity Uppsala;</p> <p>2009 (June) – Organizer of the “Workshop on Semi-natural Grasslands from Romania”, in Ghetari, Apuseni Mountains, Romania, where the Romanian Society of Grassland is founded;</p> <p>2004 (May) – Organization of the Kick-off of the project “<i>Conservation of Eastern European Medicinal Plants: Arnica montana in Romania</i>”, at the USAMV Cluj-Napoca;</p> <p>2003 (22-26 September) – International Scientific Conference on „Nachhaltige Entwicklung für ländliche Gebiete in Osteuropa” (Sustainable development of rural areas in Eastern Europe), Bucharest, România</p> <p>2003 (September) – Organization of the Final event in the “Apuseni Project” at Ghetari;</p> <p>2002 (February) – Organization of a Winter school for farmers of the Apuseni Mountains within regard to the management of semi-natural grassland, Apuseni Mountains, Romania;</p> <p>2001 (September) – Organization of the Midterm evaluation meeting of the „Proiect Apuseni“-<i>Perspektiven für eine traditionelle Kulturlandschaft in Osteuropa</i>, Cluj Napoca and Ghetari, Romania;</p> <p>2001 (May) - Kick-off of the „Proiect Apuseni“-<i>Perspektiven für eine traditionelle Kulturlandschaft in Osteuropa</i>, Cluj Napoca, Romania.</p>
<p>Visiting professor - international scientific</p>	<p>Visiting professor at the 1. University of Hohenheim in Germany in 2012 for the seminar Nutzung und Bewirtschaftung von Graslandssystem (3404-432) with the presentation Nutzung und Erhalt von Arnikawiesen im Apuseni-Gebirge, Rumänien, 2. and the Lehrveranstaltung Naturschutz und Management (3201-502) of the same institution; 3. at the University of Rottenburg, Germany with the presentation Natur, Landnutzung und kulturlandschaftlicher Wandel in den rumdnischen Westkarpaten, 4. at the University Albert Ludwigs in Freiburg, Germany with the presentation Natur, Landnutzung und kulturlandschaftlicher Wandel in den rumänischen Landkarpaten - ein nachhalt- modell im Apuseni Gebirge, 5. in 2017 invited to the scientific event Use plants from wild collections as a resource in Phytopharmacy, organized by Biopro Baden-Württemberg & University of Rottenburg in Suttgart, Germany, 6. in 2019 invited to the scientific event Workshop on the use plants from wild collections as a resource in Phytopharmacy, la Universitatea Rottenburg, Germania.</p>

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LIST OF PUBLISHED WORKS

A. Books and chapters in international specialty books

1. Florin Păcurar, Katja Brinkmann, Eckhard Auch, Ioan Augustin Goia, Ioan Rotar. Bewirtschaftung der Mahwiesen und - weiden - publicat in Perspektiven fur eine traditionelle Kulturlandschaft in Osteuropa, Culterra - 34, după Evelyn Rusdea, Albert Reif, Ioan Povară, Werner Konold, 2005, ISSN - 1435-8506, ISBN 3-933390-21-4, pag 160-161.
2. Katja Brinkmann, Florin Păcurar. Bewertung der Offenlandnutzung im Grunlandmodul - publicat in Perspektiven fur eine traditionelle Kulturlandschaft in Osteuropa, Culterra - 34, după Evelyn Rusdea, Albert Reif, Ioan Povară, Werner Konold 2005, ISSN - 1435-8506, ISBN 3-933390-21-4, pag 251-264.
3. Florin Păcurar, Katja Brinkmann. Leitprojekt Optimierte Grunlandnutzung, publicat in Perspektiven fur eine traditionelle Kulturlandschaft in Osteuropa, Culterra - 34, după Evelyn Rusdea, Albert Reif, Ioan Povară, Werner Konold 2005, ISSN - 1435-8506, ISBN 3-933390-21-4, pag 373-375.
4. Florin Păcurar, Silviu Apahidean. Leitprojekt Optimierung der Pflanzenanbautechnik, publicat in Perspektiven fur eine traditionelle Kulturlandschaft in Osteuropa, Culterra - 34, după Evelyn Rusdea, Albert Reif, Ioan Povară, Werner Konold 2005, ISSN - 1435-8506, ISBN 3-933390-21-4, pag 376-377.

B. Books and chapters in national specialty books

1. Păcurar Florin, I. Rotar. Metode de studiu si interpretare a vegetației pajiștilor, 2014, Risoprint, Cluj-Napoca, Romania, ISBN 978-973-53-1452-1, 2014.
2. Vârban R., Florin Păcurar. Dicționar de botanica, pratologie si agroecologie, 2011, Risoprint, Cluj-Napoca, Romania, ISBN 978-973-53-0666-3, 2011.
3. Păcurar Florin. Specii indicator - pentru evaluarea și elaborare managementului sistemelor cu înaltă valoare naturală, Casa Cărții de Știință, ISBN 978-606-17-1621-0, 2020.

C. Manuals and practical work guides

1. Pacurar Florin, Ioan Rotar. Ecopratoologie, AcademicPres, Cluj-Napoca, Romania, ISBN 978-973-744-416-5, 2015.
2. Pacurar Florin, Ioan Rotar. Indrumator de lucrari practice-Ecopratoologie, Risoprint, Cluj-Napoca, Romania, ISBN 978-973-53-1705-8, 2015.
3. Pacurar Florin, Ioana Vaida. Indrumator de lucrari practice - Investigarea factorilor de mediu, AcademicPress, ISBN - 978-973-744-814-9, 2020.

D. Articles published in Thomson Reuters-listed journals, in Thomson-Reuters indexed proceedings (selective list)

1. Păcurar F., Balázs Á., Rotar I., Vaida I., Reif A., Vidican R., Rușdea E., Stoian V., Sângeorzan D., 2020. Technologies used for maintaining oligotrophic grasslands and their biodiversity in a mountain landscape. Romanian Biotechnological Letters, 25(1), pp. 1128-1135.
2. Rotar I., Vaida I., Păcurar F., 2020. Species with indicative values for the management of the mountain grasslands. Romanian Agricultural research, no. 37, pp. 189-196.
3. Stoian V., Vidican R., Crișan I., Puia C., Șandor M., Stoian V., Păcurar F., Vaida I., 2019. Sensitive approach and future perspectives in microscopic patterns of mycorrhizal roots. Scientific reports, 9(1), pp.1-8.
4. Balázs Á., Pacurar F., Mihu-Pintilie A., Konold W., 2018. How do public institutions on nature conservation and agriculture contribute to the conservation of species- rich hay meadows? International Journal of Conservation Science, 9(3), pp. 549-564.
5. Păcurar F., Rotar I., Reif A., Vidican R., Stoian V., Gaertner S.M., Allen R.B., 2014. Impact of Climate on Vegetation Change in a Mountain Grassland-Succession and Fluctuation. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 42(2), pp. 347-356.

6. Dale L.M., Thewis A., Boudry C., Rotar I., Păcurar F., Abbas O., Dardenne P., Baeten V., Pfister J., Pierna J.A.F., 2013. Discrimination of grassland species and their classification in botanical families by laboratory scale NIR hyperspectral imaging. Preliminary results. *Talanta*, 116, pp.149-154.
7. Păcurar F., Rotar I., Bogdan A., Vidican R., Dale L., 2012. The influence of mineral and organic long-term fertilization upon the floristic composition of *Festuca rubra* L.-*Agrostis capillaris* L. grassland in Apuseni mountains, Romania. *Journal of Food, Agriculture and Environment*, vol. 10(1), pp. 866-879.
8. Dale L., Fernandez J.A., Vermeulen P., Lecler B., Bogdan A., Păcurar F., Rotar I., Thewis A., Baeten, V., 2012. Research on crude protein and digestibility of *Arnica montana* L. using conventional NIR spectrometry and hyperspectral imaging NIR. *Journal of Food, Agriculture and Environment*, vol. 10(1), pp.391-396.
9. Rotar I., Păcurar F., Vidican R., Bogdan A., 2012. Impact of grassland management on occurrence of *Arnica montana* L. *Grassland Science in Europe*, vol. 17, pp.701-703.
10. Reif A., Ruşdea, E. Păcurar F., Rotar I., Brinkmann K., Auch E., Goia A., Bühler J., 2008. A traditional cultural landscape in transformation. *Mountain Research and Development*, 28(1), pp.18-22.
11. Michler B., Rotar I., Păcurar F., 2006. Biodiversity and conservation of medicinal plants: a case study in the Apuseni Mountains in Romania. *Buletinul USAMV Cluj. Seria Agricultura, Cluj-Napoca*, vol. 62, pp. 86-87.
12. Păcurar F., Rotar I., 2006. The evolution of biodiversity on *Festuca rubra* meadow following to some specific tehnologies inputs to sustainable agriculture. *Buletin USAMV Cluj. Seria Agricultura, Cluj-Napoca*, 62, pp. 124-127.
13. Michler B., Rotar I., Păcurar F., Stoie A., 2005. *Arnica montana*, an endangered species and traditional medicinal plant: the biodiversity and productivity of its typical grasslands habitas. *Grassland Science in Europe*. vol. 10, pp. 336-339 & in *Buletinul USAMV Cluj Napoca. Seria Agricultura, Cluj-Napoca*, vol. 61, pp. 414-414.
14. Rotar I., Păcurar F., Groza G., Vidican R., Sima N., 2003. The influence of fertilization on *Festuca rubra* pasture biodiversity. *Buletinul USAMV Cluj. Seria Agricultura*, pp. 243.

E. Scientific articles indexed in other international databases (BDI) (selective list)

1. Păcurar F., Rotar I., Vaida I., 2019. The effects of wild boar disturbances on the agronomical value of semi-natural grasslands. *Romanian Journal of Grassland and Forage Crops*, 20, pp.27-36.
2. Vaida I., Păcurar F., Rotar I., Vidican R., Plesa A., Sângeorzan D., 2018. The influence of organic fertilization on agronomic factors, on *Festuca rubra* grasslands in the Apuseni Mountains. *Romanian Journal of Grassland and Forage Crops* (2018)17, pp. 83-87.
3. Păcurar F., Rotar I., Vidican R., Vaida I., Plesa A., Iuga V., Constantea D., 2018. The long term effect of the organic inputs on the productivity of *Festuca rubra* grasslands in the central area of Apuseni Mountains. *Romanian Journal of Grassland and Forage Crops* (2018)18, pp. 57-63.
4. Păcurar F., Rotar I., Vidican R., Pleşa A., Vaida I., Mălinaş A., Stoian V., 2017. Ecological and Agronomical value of *Bothriochloa ischaemum* Grasslands. *Romanian Journal of Grassland and Forage Crops*, 16, pp. 41-52.
5. Păcurar F., Rotar I., Vaida I., Vidican R., Mălinaş, A., 2017. Indicator species of fertilization intensity in mountain grasslands. *Grassland resources for extensive farming systems in marginal lands: major drivers and future scenarios*, pp. 378-380.
6. Vaida I., Rotar I., Păcurar F., 2017. The Cumulative Effect of Manure on a *Festuca rubra* Grasslands for 15 Years. *Bulletin USAMV series Agriculture*, 74, 2, pp. 126-133.
7. Rotar I., Păcurar, F., Balázsi Á., Vidican R., 2016. The effects of mulching and mineral fertilizers on oligotrophic grasslands' floristic composition. *Grassland Science in Europe*, vol. 21, In *The multiple roles of grassland in the European bioeconomy. Proceedings of the 26th General Meeting of the European Grassland Federation*, Trondheim, Norway, 4-8 September 2016, pp. 681-683.
8. Balázsi Á., Păcurar F., Rotar I., Vidican R., 2016. Alternative management for oligotrophic grassland conservation in the Apuseni Mountains. *Grassland Science in Europe*, vol. 21, In *The multiple roles of grassland in the European bioeconomy. Proceedings of the 26th General Meeting of the European Grassland Federation*, Trondheim, Norway, 4-8 September 2016, pp. 678-680.
9. Vaida I., Rotar I., Păcurar F., Vidican R., Pleşa A., Mălinaş A., Stoian, V., 2016. Impact on the Abandonment of Semi-Natural Grasslands from Apuseni Mountains. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture*, 73(2), pp. 323-331.

10. Păcurar F., Rotar I., Vidican R., Pleșa A., Vaida I., Mălinaș A., Stoian V., 2016. Ecological and Agronomical Value of *Festuca rupicola-Bothriochloa ischaemum* Grasslands. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture, 73(2), 287-294.
11. Păcurar F., Rotar I., Vidican R., Vaida I., Mălinaș A., Stoian V., 2016, Ecological and agronomical value of *Festuca rupicola* heuff. Grasslands. Romanian Journal of Grassland and Forage Crops (2016)13, pp. 23-37.
12. Gliga A., Rotar I., Păcurar F., Balázs Á., Mălinaș A., 2015. Preferability dynamics from wild herbivore perspective of tree semi-natural grasslands from Rodna Mountains. Romanian Journal of Grassland and Forage Crops (2015)11, pp. 59-68.
13. Păcurar F., Rotar I., Pleșa A., Balázs Á., Vidican R., 2015. Study of the Floristic Composition of Certain Secondary Grasslands in Different Successional Stages as a Result of Abandonment. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture, 72(1), pp.193-201.
14. Păcurar F., Rotar I., Balázs Á., Vidican R., 2014. Influence of long-term organic and mineral fertilization on *Festuca rubra* L. grassland. Grassland science in Europe, vol. 19, pp. 294-297.
15. Rotar I., Păcurar F., Pleșa A., Vidican R., Nagy M., 2014. Ecologic and agronomic aspects of *Agrostis capillaris* L.-*Trisetum flavescens* (L.) P. BEAUV. Grassland subtype. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture, 71(2), pp.295-301.
16. Pleșa A., Rotar I., Păcurar F., Vidican R., Balázs Á., 2014. About *Arnica montana* grasslands and their context. Bulletin USAMV series Agriculture 71(2)/2014, pp. 282-285.
17. Pleșa A., Rotar I., Păcurar F., Vidican R., 2014. The semi-natural grasslands in different successional stages of abandonment. Agronomy Series of Scientific Research/Lucrari Stiintifice Seria Agronomie, 57(1), pp. 105-109.
18. Rotar I., Păcurar F., Vidican R., Pleșa A., 2014. Oligotrophic grasslands and their context in intensification. Agronomy Series of Scientific Research/Lucrari Stiintifice Seria Agronomie, 57(1), pp. 69-71.
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