

# LISTA DE LUCRĂRI

Conf. Dr. Mihai Pușcaș

## a) SELECTIE LUCRARI RELEVANTE

1. **Pușcaș M**, Taberlet P, Choler P (2008) No positive correlation between species and genetic diversity in European alpine grasslands dominated by *Carex curvula*. *Diversity and Distributions* **14** (5), 852-861. **(IF 4.830)**
2. **Pușcaș M**, Choler P, Tribsch A, Gielly L, Rioux D, Gaudeul M, Taberlet P (2008) Post-glacial history of the dominant alpine sedge *Carex curvula* in the European Alpine System inferred from nuclear and chloroplast markers. *Molecular Ecology* **17** (10), 2417–2429. **(IF 6.131)**
3. Engler R, Randin CF, Thuiller W, Dullinger S, Zimmermann NE, Araujo MB, Pearman PB, Le Lay G, Piedallu C, Albert CH, Choler P, Coldea G, De Lamo X, Dirnbock T, Gegout J-C, Gomez-Garcia D, Grytnes J-A, Heegaard E, Hoistad F, Nogues-Bravo D, Normand S, **Pușcaș M**, Sebastia M-T, Stanisci A, Theurillat J-P, Trivedi MR, Vittoz P, Guisan A (2011) 21st century climate change threatens mountain flora unequally across Europe. *Global Change Biology*, **17** (7), 2330-2341 **(IF 8.997) – Q1 First in Rank in BIODIVERSITY CONSERVATION Domain, Highly Cited Paper**
4. **Pușcaș M**, Choler P (2012) A biogeographic delineation of the European Alpine System based on a cluster analysis of *Carex curvula*-dominated grasslands, *Flora*, **207**, 168– 178. **(IF 1.365)**
5. Taberlet P, Zimmermann NE, Englisch T, Tribsch A, Holderegger R, Alvarez N, Niklfeld H, Coldea G, Mirek Z, Moilanen A, Ahlmer W, Marsan PA, Bona E, Bovio M, Choler P, Cieslak E, Colli L, Cristea V, Dalmas J-P, Frajman B, Garraud L, Gaudeul M, Gielly L, Gutermann W, Jogan N, Kagalo AA, Korbecka G, Kupfer P, Lequette B, Letz DR, Manel S, Mansion G, Marhold K, Martini F, Negrini R, Nino F, Paun O, Pellecchia M, Perico G, Piekos-Mirkowa H, Prosser F, **Pușcaș M**, Ronikier M, Scheuerer M, Schneeweiss GM, Schonswetter P, Schrott-Ehrendorfer L, Schupfer F, Selvaggi A, Steinmann K, Thiel-Egenter C, van Loo M, Winkler M, Wohlgemuth T, Wraber T, Gugerli F, **IntraBioDiv Consortium** (2012) Genetic diversity in widespread species is not congruent with species richness in alpine plant communities, *Ecology Letters*, **15**, 1439-1448. **(IF 10.689) – Q1, First in Rank in ECOLOGY Domain**
6. Pauli H, Gottfried M, Dullinger S, Abdaladze O, Akhalkatsi M, Alonso, JLB, Coldea G, Dick J, Erschbamer B, Calzado RF, Ghosn D, Holten JI, Kanka R, Kazakis G, Kollar J, Larsson P, Moiseev P, Moiseev D, Molau U, Mesa JM, Nagy L, Pelino G, **Pușcaș M**, Rossi G, Stanisci A, Syverhuset AO, Theurillat JP, Tomaselli M, Unterluggauer P, Villar L, Vittoz P, Grabherr G (2012) Recent plant diversity changes on Europe's mountain summits, *Science*, **336**, 353-355. **(IF 37.205) - Highly Cited Paper**
7. Gottfried M, Pauli H, Futschik A, Akhalkatsi M, Barancok P, Alonso JLB, Coldea G, Dick J, Erschbamer B, Calzado MRF, Kazakis G, Krajci J, Larsson P, Mallaun

- M, Michelsen O, Moiseev D, Moiseev P, Molau U, Merzouki A, Nagy L, Nakhutsrishvili G, Pedersen B, Pelino G, **Pușcaș M**, Rossi G, Stanisci A, Theurillat JP, Tomaselli M, Villar L, Vittoz P, Vogiatzakis I, Grabherr G (2012) Continent-wide response of mountain vegetation to climate change, *Nature Climate Change*, **2**, 111-115. (**IF 19.304**) – **Q1 First in Rank in ENVIRONMENTAL STUDIES Domain, Highly Cited Paper**
8. Geremia RA, **Pușcaș M**, Zinger L, Bonneville J-M, Choler P (2016) Contrasting microbial biogeographical patterns between anthropogenic subalpine grasslands and natural alpine grasslands. *The New Phytologist*, **209** (3), 1196-207, doi:10.1111/nph.13690. (**IF 7.43**)
  9. Turtureanu PD, Barros C, Bec S, Hurdu BI, Saillard A, Šibík J, Balázs ZR, Novikov A, Renaud J, Podar D, Thuiller W, **Pușcaș M**, Choler P (2020) Biogeography of intraspecific trait variability in matgrass (*Nardus stricta*): high phenotypic variation at the local scale exceeds large scale variability patterns. *Perspectives in Plant Ecology, Evolution and Systematics*, **46**, 125555, doi:10.1016/j.ppees.2020.125555, (**IF 3.634**)
  10. Turtureanu PD, **Pușcaș M**, Podar D, Balázs ZR, Hurdu B-I, Novikov A, Renaud J, Saillard A, Bec S, Șuteu D, Băcilă I, Choler P. (2023) Extent of intraspecific trait variability in ecologically central and marginal populations of a dominant alpine plant across European mountains. *Annals of Botany*. **132** (2): 335–347, doi.org/10.1093/aob/mcad105, (**IF 4.2**)

### b) TEZA DE DOCTORAT

- Teză de doctorat în cotutelă (UBB Cluj-Napoca – UJF Grenoble, Franța):
- Titlu: *Fitoecologia și filogeografia pajiștilor de Carex curvula din Carpați. Comparație cu celelalte masive ale Sistemului Alpin European / Phytoécologie et phylogéographie des pelouses alpines à Carex curvula des montagnes carpathiques. Comparaison avec les autres montagnes du Système Alpin*
- Data susținere publică: 18 mai 2008

### c) TEZA DE ABILITARE

- Teză de abilitare la UBB Cluj-Napoca
- Titlu: *Patternuri de diversitate privind flora și vegetația de altitudine a Carpaților de sud-est: de la gene la ecosisteme*
- Data susținere publică: 13 octombrie 2016

#### d) CĂRTI ȘI CAPITOLE ÎN CĂRTI

1. Cristea V, Bașnou C, **Pușcaș M** (2009) Flora și vegetația, în: Mârza I, coord., *Monografia comunei Taga*, Tipografia Delroti, Cluj-Napoca, pg. 82-91.
2. Sârbu A, Sârbu I, Oprea A, Negrean G, Cristea V, Coldea G, Cristurean I, Popescu G, Oroian S, Tănase C, Bartok K, Gafta D, Anastasiu P, Crișan F, Costache I, Goia I, Marușca T, Otel V, Sămărghițan M, Hentea S, Pascale G, Răduțoiu D, Baz A, Boruz V, **Pușcaș M**, Hirițiu M, Stan I, Frink J (2007) *Arii Speciale pentru Protecția și Conservarea Plantelor în România*, Editura Victor B. Victor, București, 396 pg., ISBN 978-973-88181-0-1
3. **Pușcaș M** (2002) Flora și Vegetația României, în: Micle F, coord., *Grădina Botanică „Alexandru Borza” din Cluj-Napoca*, Editura Presa Universitară, Cluj-Napoca, pg. 73-79.
4. Mirek Z, Nikel A, Piękoś-Mirkowa H, Coldea G, Cristea V, Oprea A, **Pușcaș M**, Ursu T, Letz DR, Marhold K, Kagalo OO (2020) *High Mountain Vascular Plants of the Carpathians*, W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków, 406 pg., ISBN 978-83-62975-41-9
5. Cristea V, Șuteu A, **Pușcaș M** (coord.) (2021) *Personalități ale Universității Babeș-Bolyai, VIII, Alexandru Borza*, Presa Universitară Clujeană, Cluj-Napoca – 186 pg.

#### e) ARTICOLE ÎN REVISTE ISI (INCLUDE ÎN WEB OF SCIENCE CORE COLLECTION)

1. Turtureanu PD, **Pușcaș M**, Podar D, Balázs ZR, Hurdu B-I, Novikov A, Renaud J, Saillard A, Bec S, Șuteu D, Băcilă I, Choler P. 2023. Extent of intraspecific trait variability in ecologically central and marginal populations of a dominant alpine plant across European mountains. *Annals of Botany*. **132** (2): 335–347, doi.org/10.1093/aob/mcad105, (IF 4.2).
2. Șuteu D, Băcilă I, Stoica A-I, Balazs ZR, **Pușcaș M**, Coldea G, 2023, Phylogeographic pattern of the high-alpine plant species *Eritrichium nanum* (Boraginaceae) within the Carpathians. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **51** (1): 12971. DOI10.15835/nbha51112971 (IF 1.8)
3. Șuteu D, **Pușcaș M**, Băcilă I, Miclăuș M, Balázs ZR, Choler P. 2023. Development of SSR markers for *Carex curvula* (Cyperaceae) and their importance in investigating the species genetic structure. *Molecular Biology Reports*. **50** (5): 4729-4733, DOI10.1007/s11033-023-08362-z (IF 2.8)
4. Hurdu BI, Coste A, Halmagyi A, Szatmari PM, Farkas A, **Pușcaș M**, Turtureanu PD, Roșca-Casian O, Tănase C, Oprea A, Mardari C, Răduțoiu D, Camen-Comanescu P, Sîrbu IM, Stoie A, Lupoae P, Cristea V, Jarda L, Holobiuc I, Goia I, Catana C, Butiuc-Keul A, 2022, Ex situ conservation of plant diversity in Romania: A synthesis of threatened and endemic taxa, *Journal for Nature Conservation*, **68**: 126211. https://doi.org/10.1016/j.jnc.2022.126211 (IF 2)

5. Lembrechts et al, 2022, Global maps of soil temperature, *Global Change Biology*, **28** (9): 3110-3144. DOI10.1111/gcb.16060 - **(IF 11.6) - First in Rank in BIODIVERSITY CONSERVATION JCR Category (Highly Cited Paper)**
6. Staude IR, Pereira HM, Daskalova GN, Bernhardt-Romermann M, Diekmann M, Pauli H, Van Calster H, Vellend M, Bjorkman AD, Brunet J, De Frenne P, Hedl R, Jandt U, Lenoir J, Myers-Smith IH, Verheyen K, Wipf S, Wulf M, Andrews C, Barancok P, Barni E, Benito-Alonso JL, Bennie L, Berki I, Bluml V, Chudomelova M, Decocq G, Dick J, Dirnbock T, Durak T, Eriksson O, Erschbamer B, Graae BJ, Heinke J, Schei FH, Jaroszewicz B, Kopecky M, Kudernatsch T, Macek M, Malicki M, Malis F, Michelsen O, Naaf T, Nagel TA, Newton AC, Nicklas L, Oddi L, Ortmann-Ajkai O, Palaj A, Petraglia A, Petrik P, Pielech R, Porro F, **Pușcaș M**, Reczynska K, Rixen C, Schmidt W, Standovar T, Steinbauer K, Swierkosz K, Teleki B, Theurillat JP, Turtureanu PD, Ursu TM, Vanneste T, Vergeer P, Vild O, Villar L, Vittoz P, Winkler M, Baeten L, 2022, Directional turnover towards larger-ranged plants over time and across habitats, *Ecology Letters*, **25** (2): 466-482. - **(IF 8.8)**
7. Burli S, Theurillat JP, Winkler M, Lamprecht A, Pauli H, Rixen C, Steinbauer K, Wipf S, Abdaladze O, Andrews C, Barancok P, Benito-Alonso JL, M. Calzado MRF, Carranza ML, Dick J, Erschbamer B, Ghosh D, Gigauri K, Kazakis G, Mallaun M, Michelsen O, Moiseev D, Moiseev P, Molau U, Mesa JM, di Cella UM, Nadeem I, Nagy L, Nicklas L, Palaj A, Pedersen B, Petey M, **Pușcaș M**, Rossi G, Stanisci A, Tomaselli M, Unterluggauer P, Ursu TM, Villar L, Vittoz P, 2021, A common soil temperature threshold for the upper limit of alpine grasslands in European mountains. *Alpine Botany*, **131** (1): 41-52. **(IF 2.742)**
8. Turtureanu PD, Barros C, Bec S, Hurdu BI, Saillard A, Šibík J, Balázs ZR, Novikov A, Renaud J, Podar D, Thuiller W, **Pușcaș M**, Choler P, 2020. Biogeography of intraspecific trait variability in matgrass (*Nardus stricta*): high phenotypic variation at the local scale exceeds large scale variability patterns. *Perspectives in Plant Ecology, Evolution and Systematics*, **46**, 125555, doi: 10.1016/j.ppees.2020.125555
9. Lembrechts JJ, Aalto J, Ashcroft MB, De Frenne P, Kopecký M, Lenoir J, Luoto M, Maclean IM, Roupsard O, Fuentes-Lillo E, et al., 2020. SoilTemp: a global database of near-surface temperature. *Global Change Biology*, **26** (11), 6616-6629 doi: 10.1111/gcb.15123 - **(IF 10.863) - First in Rank in BIODIVERSITY CONSERVATION JCR Category**
10. Alsos IG, Lavergne S, Merkel MKF, Boleda M, Lammers Y, Alberti A, Pouchon C, Denoeud F, Pitelkova I, **Pușcaș M**, Roquet C, Hurdu B-I, Thuiller W, Zimmermann NE, Hollingsworth PM, Coissac E, 2020. The Treasure Vault Can be Opened: Large-Scale Genome Skimming Works Well Using Herbarium and Silica Gel Dried Material. *Plants-Basel*, **9** (4), 432. **(IF 3.935)**
11. Breman E, Hurdu BI, Kliment J, Kobiv Y, Kucera J, Mraz P, **Pușcaș M**, Renaud J, Ronikier M, Sibik J, Schmotzer A, Stubnova E, Szatmari PM, Tasenkevich L, Turis P, Slovak M, 2020, Conserving the endemic flora of the Carpathian Region: an international project to increase and share knowledge of the distribution, evolution and taxonomy of Carpathian endemics and to conserve endangered species. *Plant Systematics and Evolution*, **306** (3) (DOI 10.1007/s00606-020-01685-5, WOS:000535851700001) **(IF 1.631)**
12. Djukic I, Kepfer-Rojas S, Schmidt IK, Larsen KS, Beier C, Berg B et al, 2018, Early stage litter decomposition across biomes. *Science of the Total Environment*, **628-629**, 1369-1394. **(IF 4.61) - Highly Cited Paper**
13. Vassilev K, Ruprecht E, Alexiu V, Becker T, Beldean M, Bita-Nicolae C, Csergo AM, Dzhovanova I, Filipova E, Frink JP, Gafta D, Georgieva M, Germany MS, Goia I,

- Gumus M, Hennekens SM, Janisova M, Knollova I, Koleva V, Kostadinova S, Kuzmanovic N, Loos J, Mardari C, Michl T, Neblea MA, Nicoara RI, Novak P, Ollerer K, Onete M, Palpurina S, Paulini I, Pedashenko H, **Pușcaș M**, Roman A, Sibik J, Sirbu C, Stancu DI, Sutcliffe LME, Szabo A, Tomescu CV, Totev E, Tsvetanov B, Turtureanu PD, Vassileva P, Velev N, Dengler J, 2018, The Romanian Grassland Database (RGD): historical background, current status and future perspectives. *Phytocoenologia*, **48** (1), 91-100 (10.1127/phyto/2017/0229, WOS:000427026700006, **IF 1.657**).
14. Hurdu B-I, Escalante T, **Pușcaș M**, Novikoff A, Bartha L, Zimmermann NE, 2016, Exploring the different facets of plant endemism in the South-Eastern Carpathians: a manifold approach for the determination of biotic elements, centres and areas of endemism. *Biological Journal of the Linnean Society*, **119** (3), 649-672, 10.1111/bij.12902, (**IF 1.984**).
  15. Winkler M, Lamprecht A, Steinbauer K, Hülber K, Theurillat J-P, Breiner F, Choler P, Ertl S, Gutiérrez Girón A, Rossi G, Vittoz P, Akhalkatsi M, Bay C, Benito Alonso J-L, Bergström T, Carranza ML, Corcket E, Dick J, Erschbamer B, Fernández Calzado R, Fosaa AM, Gavilán RG, Ghosn D, Gigauri K, Huber D, Kanka R, Kazakis G, Klipp M, Kollar J, Kudernatsch T, Larsson P, Mallaun M, Michelsen O, Moiseev P, Moiseev D, Molau U, Molero Mesa J, Morra di Celli U, Nagy L, Petey M, **Pușcaș M**, Rixen C, Stanisci A, Suen M, Syverhuset AO, Tomaselli M, Unterluggauer P, Ursu T, Villar L, Gottfried M, Pauli H, 2016, The rich sides of mountain summits – a pan-European view on aspect preferences of alpine plants. *Journal of Biogeography*, **43**, 2261-2273 (**IF 3.997**).
  16. Geremia RA, **Pușcaș M**, Zinger L, Bonneville J-M, Choler P, 2016, Contrasting microbial biogeographical patterns between anthropogenic subalpine grasslands and natural alpine grasslands. *The New Phytologist*, **209** (3), 1196-207, 10.1111/nph.13690, (**IF 7.672**).
  17. Jimenez-Mejias P, Hilpold A, Frajman B, **Pușcaș M**, Koop-Man J, Mesterhazy A, Grulich V, Lye KA, Martin-Bravo S, 2014, *Carex cespitosa*: reappraisal of its distribution in Europe, *Willdenowia*, **44**, 327-343 (**IF 0.507**).
  18. Taberlet P, Zimmermann NE, Englisch T, Tribsch A, Holderegger R, Alvarez N, Niklfeld H, Coldea G, Mirek Z, Moilanen A, Ahlmer W, Marsan PA, Bona E, Bovio M, Choler P, Cieslak E, Colli L, Cristea V, Dalmas J-P, Frajman B, Garraud L, Gaudeul M, Gielly L, Gutermann W, Jogan N, Kagalo AA, Korbecka G, Kupfer P, Lequette B, Letz DR, Manel S, Mansion G, Marhold K, Martini F, Negrini R, Nino F, Paun O, Pellecchia M, Perico G, Piekos-Mirkowa H, Prosser F, **Pușcaș M**, Ronikier M, Scheuerer M, Schneeweiss GM, Schonswetter P, Schrott-Ehrendorfer L, Schupfer F, Selvaggi A, Steinmann K, Thiel-Egenter C, van Loo M, Winkler M, Wohlgemuth T, Wraber T, Gugerli F, IntraBioDiv Consortium, 2012, Genetic diversity in widespread species is not congruent with species richness in alpine plant communities, *Ecology Letters*, **15**, 1439-1448 (**IF 17.949 First in Rank in ECOLOGY JCR Category**).
  19. Manel S, Gugerli F, Thuiller W, Alvarez N, Legendre P, Holderegger R, Gielly L, Taberlet P *et al.* (2012) Broad-scale adaptive genetic variation in alpine plants is driven by temperature and precipitation, *Molecular Ecology* **21**, 3729-3738 (**IF: 6.275**).
  20. **Pușcaș M** (2012) Distribution and Phytocoenotic Context of *Kobresia simpliciuscula* (Wahlenb.) Mack. in South-Eastern Carpathians, *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **40** (1), 29-34 (**IF 0.590**).
  21. Pauli H, Gottfried M, Dullinger S, Abdaladze O, Akhalkatsi M, Alonso, JLB, Coldea G, Dick J, Erschbamer B, Calzado RF, Ghosn D, Holten JI, Kanka R, Kazakis G, Kollar J, Larsson P, Moiseev P, Moiseev D, Molau U, Mesa JM, Nagy L, Pelino G, **Pușcaș**

- M**, Rossi G, Stanisci A, Syverhuset AO, Theurillat JP, Tomaselli M, Unterluggauer P, Villar L, Vittoz P, Grabherr G (2012) Recent plant diversity changes on Europe's mountain summits, *Science*, **336**, 353-355 (IF 31.027). **Highly Cited Paper**
22. Gottfried M, Pauli H, Futschik A, Akhalkatsi M, Barancok P, Alonso JLB, Coldea G, Dick J, Erschbamer B, Calzado MRF, Kazakis G, Krajci J, Larsson P, Mallaun M, Michelsen O, Moiseev D, Moiseev P, Molau U, Merzouki A, Nagy L, Nakhutsrishvili G, Pedersen B, Pelino G, **Pușcaș M**, Rossi G, Stanisci A, Theurillat JP, Tomaselli M, Villar L, Vittoz P, Vogiatzakis I, Grabherr G (2012) Continent-wide response of mountain vegetation to climate change, *Nature Climate Change*, **2**, 111-115 (IF 14.472) - **First in Rank in ENVIRONMENTAL STUDIES JCR Category (Highly Cited Paper)**
23. Pachschwöll C, **Pușcaș M**, Schönswitter P (2011) Distribution of *Doronicum clusii* and *D. stiriacum* (Asteraceae) in the Alps and Carpathians, *Biologia*, **66** (6), 977-987, (IF 0.506).
24. Gafta D, Roman A, **Pușcaș M**, Şuteu A (2012) Foristic heterogeneity of *Festuca airoides*-dominated grasslands in the Romanian Carpathians, *Plant Biosystems*, **146** (3), 603-613 (IF 1.912).
25. **Pușcaș M**, Choler P (2012) A biogeographic delineation of the European Alpine System based on a cluster analysis of *Carex curvula*-dominated grasslands, *Flora*, **207**, 168– 178 (IF 1.716).
26. Engler R, Randin CF, Thuiller W, Dullinger S, Zimmermann NE, Araujo MB, Pearman PB, Le Lay G, Piedallu C, Albert CH, Choler P, Coldea G, De Lamo X, Dirnbock T, Gegout J-C, Gomez-Garcia D, Grytnes J-A, Heegaard E, Hoistad F, Nogues-Bravo D, Normand S, **Pușcaș M**, Sebastia M-T, Stanisci A, Theurillat J-P, Trivedi MR, Vittoz P, Guisan A (2011) 21st century climate change threatens mountain flora unequally across Europe. *Global Change Biology*, **17** (7), 2330-2341 (IF 6.910) - **First in Rank in BIODIVERSITY CONSERVATION JCR Category (Highly Cited Paper)**
27. Şuteu D, **Pușcaș M**, Băcilă I, Coste A, Filipaş L., Stoica A-I, Hurdu B-I, Ursu T, Coldea G (2011) Does *Primula intricata* Gren. et Godr. merit species rank? A taxonomic revision based on nrDNA, cpDNA and AFLP data, *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **39** (1), 24-29 (IF 0.506).
28. Vlase L, Pârvu M, Toiu A, Pârvu AE, Cobzac SC, **Pușcaș M** (2010) Rapid and simple analysis of allicin in *Allium* species by LC-CIS-MS/MS. *Studia Universitatis Babeş-Bolyai, Chemia* **40** (4), 297-304 (IF 0.089).
29. Pârvu M, Pârvu AE, Crăciun C, Barbu-Tudoran L, **Pușcaș M** (2009) Ultrastructure and development of *Anthracoidea Elynæ* ustilospores. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **37** (1), 41-44 (IF 0.506).
30. Pârvu M, Pârvu AE, Vlase L, Rosca-Casian O, Pârvu O, **Pușcaș M** (2011) Allicin and alliin content and antifungal activity of *Allium senescens* L. ssp. *montanum* (F. W. Schmidt) Holub ethanol extract, *Journal of Medicinal Plants Research*, **5** (29), 6544-6549.
31. Coldea G, Stoica A-I, **Pușcaș M**, Ursu T, Oprea A, The IntraBioDiv Consortium (2009) Alpine–subalpine species richness of the Romanian Carpathians and the current conservation status of rare species. *Biodiversity and Conservation* **18**, 1441–1458 (IF 2.264).
32. **Pușcaș M**, Taberlet P, Choler P (2008) No positive correlation between species and genetic diversity in European alpine grasslands dominated by *Carex curvula*. *Diversity and Distributions* **14** (5), 852-861 (IF 3.78).
33. **Pușcaș M**, Choler P, Tribsch A, Gielly L, Rioux D, Gaudeul M, Taberlet P (2008) Post-glacial history of the dominant alpine sedge *Carex curvula* in the European Alpine

- System inferred from nuclear and chloroplast markers. *Molecular Ecology* **17** (10), 2417–2429 (IF 6.275).
34. **Pușcaș M**, Gafta D, Cristea V (2005) L'analyse éco-coenotique des prairies édifiées par *Carex curvula* All. des Carpates roumaines. *Acta Botanica Gallica* **152**, 497-506 (IF 0.310).

f) ARTICOLE ÎN ISI PROCEEDINGS  
(INCLUDE ÎN WEB OF SCIENCE CORE COLLECTION)

1. Cristea V, **Pușcaș M**, Miclăuș M, Deliu C (2006) Conservative micropropagation of some endemic or rare species from the *Dianthus* genus. *Acta Horticulturae*, **725**, 357-364.
2. Hentea S, Şuteu A, Csergo AM, **Pușcaș M**, Cristea V, Mocan C, Constantinescu M, Micle F (2004) Threatened plant collections in „Alexandru Borza” Botanical Garden (Romania) for research and education purposes. *Scripta Botanica Belgica*, **29**, 121-129.

g) ARTICOLE ÎN REVISTE DIN BAZE DE DATE INTERNAȚIONALE RECUNOSCUTE

1. Stoica I-A, Fărcaș S, Ursu TM, Hurdu BI, Turtureanu PD, **Pușcaș M**, Oprea A, Proorocu M (2017) A case study in the Moldavian Central Plateau, Romania - habitat distribution, conservation status and human impact in a protected area, *Contribuții Botanice*, **52**, 119-131.
2. Indreica A, **Pușcaș M**, Bartók A (2016) Distribution of *Amelanchier ovalis* Medik. in the Romanian Carpathians – a critical overview, *Studia Universitatis Babeș-Bolyai, Biologia*, **61** (2), 81-94.
3. **Pușcaș M**, Turtureanu PD, Indreica A, Hurdu BI, Bec S, Coldea G (2016) The rare species *Galium saxatile* L. in the Romanian Carpathians: detailed distribution and habitat preferences, *Contribuții Botanice*, **51**, 17-25.
4. Bartók A, Hurdu B-I, Szatmari P-M, Ronikier M, **Pușcaș M**, Novikoff A, Bartha L, Vonica G (2016) New records for the high-mountain flora of the Făgăraș Mts.(Southern Carpathians) with discussion on ecological preferences and distribution of studied taxa in the Carpathians, *Contribuții Botanice*, **51**, 77-153.
5. Bartók A, **Pușcaș M** (2015) Gemenea, an important toponym for the botanical explorations of the Rodna Mountains (Eastern Carpathians) – found after a century, *Contribuții Botanice*, **50**, 93-104.
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