

Lucrări științifice: 108, dintre care:

A1) Lucrări publicate în jurnale ISI: 17

- Barina Z., Shevera M., **Sîrbu C.**, Gyula P. 2013 - Current distribution and spreading of *Euphorbia davidii* (*E. dentata* agg.) in Europe. *Centr. Eur. J. Biol.*, 8(1): 87-95 (DOI: 10.2478/s11535-012-0111-7; ISSN: 1895-104X; Accession Number: WOS:000311515700010; ISI_IF/2012=0,818; <http://www.springer.com/life+sciences/journal/11535>; <http://link.springer.com/content/pdf/10.2478%2Fs11535-012-0111-7.pdf>).
- Draghia L., Chelariu E.L., **Sîrbu C.**, Brânză M., Sandu Miculschi C. 2013 - Analysis of chromosome number in some *Allium* and *Silene* Wild. species with ornamental use. *Not. Bot. Horti Agrobot. Cluj-Napoca*, 41(1): 294-300 (ISSN: 0255-965X; ISI_IF/2012=0,590; <http://www.notulaeobotanicae.ro/index.php/nbha/article/view/9006/7609>). FERUS P.,
- Efroze R., Rosu C.M., Stedel C., Ștefan A., **Sîrbu C.**, Gorgan L.D., Labrou N.E., Flementakis E. 2018 - Molecular diversity and phylogeny of indigenous *Rhizobium leguminosarum* strains associated with *Trifolium repens* plants in Romania. *Antoine van Leeuwenhoek Journal of Microbiology*, 111: 135-153 [<https://doi.org/10.1007/s10482-017-0934-3>; <https://link.springer.com/article/10.1007/s10482-017-0934-3>; IF/2017= 1.588]
- Sîrbu C.**, Eliaș Jr. P., Konopkova J., Ďurišova L., Samuil C. & Oprea A. 2015- Reciprocal contamination by invasive plants: analysis of trade exchange between Slovakia and Romania. *Biologia, Bratislava*, 70/7: 893-904 (ISI_IF/2014=0.827; DOI: 10.1515/biolog-2015-0102; [http://www.degruyter.com/dg/viewarticle/j\\$002fbiolog.2015.70.issue-7\\$002fbiolog-2015-0102\\$002fbiolog-2015-0102.xml](http://www.degruyter.com/dg/viewarticle/j$002fbiolog.2015.70.issue-7$002fbiolog-2015-0102$002fbiolog-2015-0102.xml)).
- Samuil C., Vintu V., **Sîrbu C.**, Stavarache M. 2013 - Influence of fertilizers on the biodiversity of semi-natural grassland in the Eastern Carpathians. *Not. Bot. Horti Agrobot. Cluj-Napoca*, 41(1):195-200 (ISSN 0255-965X; ISI_IF/2012=0.590; <http://www.notulaeobotanicae.ro/index.php/nbha/article/viewFile/8363/7592>).
- Samuil C., Vintu V., **Sîrbu C.**, Surmei G.M. 2012 - Behaviour of fodder mixtures with alfalfa in North-Eastern Romania. *Romanian Agr. Research*, 29: 227-235 (ISSN 1222-4227; Acc. No: WOS:000311919300029; ISI_IF/2009=0,310; <http://www.incda-fundulea.ro/rar.htm>; <http://www.incda-fundulea.ro/rar/nr29/rar29.29.pdf>).
- Samuil C., Vîntu V., **Sîrbu C.**, Popovici I.C. 2012 - Influence de la fertilisation sur la végétation et la production d'une prairie à *Festuca valesiaca* L. *Fourrage*, 210: 151-157 (ISSN: 0429-2766; Acc. No: WOS:000306454400007; ISI_IF/2012=0,296; <http://www.afpf-asso.org/index/action/page/id/29/title/la-revue---fourrages>; <http://www.afpf-asso.org/index/action/page/id/33/title/Les-articles/article/1882>).
- Sîrbu C.**, Ferus P., Eliaș Jr. P., Samuil C., Oprea A. 2015 - *Symphytotrichum ciliatum* in Romania: trends of spread and invaded plant communities. *Open Life Sci. (formerly Centr. Eur. J. Biol.)*, 10: 159-176

(DOI 10.1515/biol-2015-0018; ISSN: 2391-5412; ISI_IF/2013=0.633;

<http://www.degruyter.com/view/j/biol.2015.10.issue-1/biol-2015-0018/biol-2015-0018.xml>).

- Sîrbu C.**, Oprea A., Patriche C.V., Samuil C., Vîntu V. 2014 - Alien species of *Lepidium* in the flora of Romania: history of invasion and habitat preference. *Not. Bot. Horti Agrobot. Cluj-Napoca*, 42(1): 239-247 (ISSN: 0255-965X; ISI_IF/2012=0,590; <http://www.notulaebotanicae.ro/index.php/nbha/article/view/9420/7719>).
- Sîrbu C.**, Oprea A. 2010 - Contribution to the knowledge of the alien flora of Romania: *Rudbeckia triloba* L. and *Senecio inaequidens* DC. *Not. Bot. Horti Agrobot. Cluj-Napoca*, 38 (1): 33-36 (ISSN 0255-965X; ISI_IF/2010=0,463; http://uefiscdi.gov.ro/userfiles/file/CENAPOSS/ISI_ROM_sept_2011/Rev_rom_ISI.pdf; <http://notulaebotanicae.ro/index.php/nbha>); <http://www.notulaebotanicae.ro/index.php/nbha/article/view/3193/445>).
- Sîrbu C.**, Oprea A. 2011 - New records in the alien flora of Romania (*Artemisia argyi*, *A. lavandulaefolia*) and Europe (*A. lancea*). *Turk. J. Botany*, 35: 717-728; DOI:10.3906/bot-1007-4 (ISSN: 1300-008X; Acc. No: WOS:000297037500010; ISI_IF/2011=1,990; <http://journals.tubitak.gov.tr/botany/issues/bot-11-35-6/bot-35-6-10-1007-4.pdf>).
- Sîrbu C.**, Oprea A., Samuil C., Tănase C. 2012 - Neophyte Invasion in Moldavia (Eastern Romania) in different habitat types. *Folia Geobot.*, 47: 215-229; DOI 10.1007/s12224-011-9112-y (ISSN: 1211-9520; Acc. No: WOS:000304702500006; ISI_IF/2012=1,565; <http://www.springer.com/life+sciences/plant+sciences/journal/12224>; <http://link.springer.com/content/pdf/10.1007%2Fs12224-011-9112-y.pdf>).
- Stefan A., Stedel C., Roșu C., **Sîrbu C.**, Gorgan L.D., Labrou N., Flemetakis E., Efroze R. 2013 - Genetic diversity and phylogeny of rhizobia associated with *Trifolium* spp. From North Eastern Romania (Proc. European Biotechnology Congress 2013, At Bratislava, Slovakia, 16 - 18 May 2013), *Current Opinion in Biotechnology*, 24, Suppl. 1, July 2013, Pages S129 (DOI:<http://dx.doi.org/10.1016/j.copbio.2013.05.410>; ISI_IF/2012=7,86; <http://www.sciencedirect.com/science/article/pii/S0958166913005260>).
- Stoica D.L., **Sîrbu C.** 2011 - Interdisciplinary approach on assessing the conservation status of rare plants in urban proximities. Case study *Stemmacantha serratuloides*. *Proc. 11th International Multidisciplinary Scientific GeoConference*, 3: 443- 450 (ISSN 1314-2704; Cross Ref. DOI 10.5593/sgem 2011; Acc. No: WOS: 000307366500061).
- Truță E., Vochița G., Oprea A., **Sîrbu C.** 2012 - Karyotype traits in *Grindelia squarrosa* (Pursh) Dunal (Asteraceae), an invasive plant in Romania. *Silvae Genetica*, 61(4-5): 179-186 (ISSN 0037-5349; ISI_IF/2011=0,780; http://wwwold.fsagx.ac.be/gf/revue/table_matiere_revues/27/silva-genetica-2012-61-4-5.pdf).
- Vassilev K., Ruprecht E., Alexiu V., Becker Th., Beldean M., [...], **Sîrbu C.**, et al. 2018 - The Romanian Grassland Database (RGD): historical background, current status and future perspectives.

Phytocoenologia, 48 (1): 91–100 [DOI: 10.1127/phyto/2017/0229; ISSN 0340-269X, e-ISSN 2363-7153; IF/2017=1.721;

https://www.schweizerbart.de/papers/phyto/detail/48/88598/The_Romanian_Grassland_Database_RG_D_historical_background_current_status_and_future_perspectives].

Vîntu V., Samuil C., **Sîrbu C.**, Popovici C.I., Stavarache M. 2011 - Sustainable management of *Nardus stricta* L. grasslands in Romania's Carpathians. Not. Bot. Horti Agrobot. Cluj-Napoca, 39(2): 142-145 (ISSN 0255-965X; Acc. No: WOS:000297659600020; ISI_IF/2011=0,652; <http://notulaeobotanicae.ro/index.php/nbha>; <http://www.notulaeobotanicae.ro/index.php/nbha/article/view/6366/6460>).

A2) Lucrări publicate în jurnale indexate BDI: 44

Lista selectivă:

- Ianovici N., **Sîrbu C.** 2007 - Analysis of airborne ragweed (*Ambrosia artemisiifolia* L.) pollen în Timișoara, 2004. An. Univ. Oradea, f. Biol. 14: 101-108 (ISSN: ISSN: 1224-5119; DOAJ: <https://doaj.org/article/1e9616d87664459d9be63b4ce36c0208>).
- Oprea A., Barina Z., **Sîrbu C.** 2012 - *Euphorbia davidii* Subils (Euphorbiaceae) - an alien species new to the Romanian flora. Contr. Bot. Cluj Napoca, 47: 7-12 (ISSN: 0069-9616; CAB DIRECT: 20133005733; EBSCO: 84521295).
- Oprea A., Goia I., Tănase C., **Sîrbu C.** 2010 - Assessment of species composition: endemics, relicts and red-listed plants (Tracheophytae, Bryophytae, and Fungi) in forest natural habitats of Romania. Contr. Bot. Cluj-Napoca, 45: 13-24 (ISSN: 0069-9616; CAB DIRECT: 20103367334).
- Oprea A., **Sîrbu C.** 2008 - Rare plants în Stânișoara Mountains (Eastern Carpathians). J. Plant Develop., 15: 47-61 (ISSN 2065-3158; CAB DIRECT: 20103225997).
- Oprea A., **Sîrbu C.** 2009- The vegetation around Osoi lake (Bacău county). J. Plant Develop., 16: 69-80 (ISSN 2065-3158; CAB DIRECT: 20103226077).
- Oprea A., **Sîrbu C.** 2010 - Phytocoenotic surveys on some mesotrophic - eutrophic marshes in eastern Romania. J. Plant Develop., 17: 75-108 (ISSN 2065-3158; CAB DIRECT: 20113033956).
- Oprea A., **Sîrbu C.** 2010 - *Sisymbrium volgense* (Brassicaceae) in the flora of Romania. An. Univ. Oradea, f. Biol., 17: 296-299 (ISSN: 1224-5119; CAB DIRECT: 20113043704).
- Oprea A., **Sîrbu C.** 2012 - The vascular flora of Rarău Massif (Eastern Carpathians, Romania). Note I. Memoirs Sci. Sect. Romanian Academy, Biol., 35: 55-84 (ISSN: 1224-1407; DOAJ: <https://doaj.org/article/ba45a2cd7e8a41eeb4d3badb120a2212>).
- Oprea A., **Sîrbu C.** 2013 - The vascular flora of Rarău Massif (Eastern Carpathians, Romania). Note II. Memoirs Sci. Sect. Romanian Academy, Biol., 36: 17-52 (ISSN: 1224-1407; DOAJ: <https://doaj.org/article/33deec45be324436b12ffbc2d7c0c5b>).

- Oprea A., **Sîrbu C.**, Doroftei M. 2011- New contributions to the flora of Romania. An. Şti. Univ. „Alexandru Ioan Cuza” Iaşi, s. II a. Biol. veg., 57(2): 79-90 (ISSN: 1223-6578; CAB DIRECT: 20123337078; DOAJ: <https://doaj.org/article/8e1c26e86b224e88b652b5ecfac4a44d>).
- Oprea A., **Sîrbu C.**, Eliáš P. Jr., Ferus P. 2012 - New data addition to the Romanian alien flora. J. Plant Develop., 19: 141-156 (ISSN 2065-3158; CAB DIRECT: 220133057804).
- Oprea A., **Sîrbu C.**, Goia I. 2003 - Contributions to the study of vegetation in some new forest reserves in the Iaşi County, Studia Univ. Babeş-Bolyai, Biol., 48(1): 25-38 (ISSN 122-8103; CAB DIRECT: 20043035512). OPREA A., SÎRBU C., GOIA I. 2011 - The vegetation of the natural reserve Valea Fagilor-Luncaviţa (Tulcea county, Romania). Contr. Bot. Cluj-Napoca, 46: 17-32 (ISSN: 0069-9616 (CAB DIRECT: 20123041572; EBSCO: 68626039).
- Oprea A., **Sîrbu C.**, Peregrym M. 2015 - *Fritillaria meleagroides* in Romania. Acta Horti Bot. Bucurest. (DOI: 10.1515/ahbb-2015-0005; ISSN (Online) 2359-7089; <http://www.degruyter.com/view/j/ahbb.ahead-of-print/ahbb-2015-0005/ahbb-2015-0005.xml>).
- Oprea Ad., **Sîrbu C.** 2005 - Flora and vegetation of the natural reserve “Fânaţul de la Glodeni”, Vaslui county. An. Şti. Univ. “Alexandru Ioan Cuza” Iaşi, s.II a. Biol. veget., 51: 97-108 (ISSN: 1223-6578; Index Copernicus: 980214; DOAJ: <https://doaj.org/article/5331de621dd14019a48432ae9c8bbcbb>).
- Sârbu A., Oprea A., **Sîrbu C.** 2009 - Numerical approach for assessment of aquatic vegetation and related habitat parameters - case study Tisa river. An. Şti. Univ. “Alexandru Ioan Cuza”Iaşi, seria II.a. Biol. veget., 50(1): 122-132 (ISSN: 1223-6578; Index Copernicus: 979948; DOAJ: <https://doaj.org/article/12fa556270e64357bf2348b97b5510e4>).
- Sîrbu C.** 2004 - Segetal vegetation from Cotnari, Iaşi and Huşi vineyards. An. Şti. Univ. “Alexandru Ioan Cuza” Iaşi, sect. II a. Biol. veg., 50: 95-108 (Index Copernicus: 980268; DOAJ: <https://doaj.org/article/969a669fabc8480fb3256886ec9a680d>).
- Sîrbu C.** 2006 - Floristic and chorological contributions from Moldavia and Muntenia (Romania). An. Sti. Univ. “Alexandru Ioan Cuza”Iaşi, seria II.a. Biol. veget., 52: 92-98 (ISSN: 1223-6578; Index Copernicus: 980195; DOAJ= <https://doaj.org/article/cb725d1d4b0a49beab2544f9b591cf>).
- Sîrbu C.**, 2004 - The alien (nonnative) flora of Moldavia (România), Lucr. Şti. USAMV Iaşi, Ser. Agr., 47(CD, sect. 1): 3-38 (CAB DIRECT: 20083022444).
- Sîrbu C.**, Oprea A. 2010 - New and rare plants from the flora of Moldavia (Romania). Cerc. Agr. Moldova, 43(1): 31-42 (ISSN 0379 5837; CAB DIRECT: 20103152810).
- Sîrbu C.**, Oprea A. 2011 - Contribution to the study of plant communities dominated by *Ailanthus altissima* (Mill.) Swingle, in the Eastern Romania (Moldavia). Cerc. Agr. Moldova, 44(3/147): 51-74 (ISSN 0379 5837; CAB DIRECT: 20113390200).
- Sîrbu C.**, Oprea A. 2013 - A new contribution on the vascular flora of Romania. Acta Horti Bot. Bucurest., 40: 19-26 (ISSN 1453-8830; DOI: 10.2478/ahbb-2013-0002; Ulrich Periodical's Directory/Ulrich Index online).

- Sîrbu C.**, Oprea A. 2017. Notes on the genus *Oenothera*, section *Oenothera*, subsection *Oenothera* in Romania. Acta Horti Bot. Bucurest. 44: 33-56 (ISSN 0374-1273; DOAJ, EBSCO, Google Scholar, Ulrich's Periodicals Directory/ulrichsweb etc.; <https://gradina-botanica.unibuc.ro/publicatii/>).
- Sîrbu C.**, Oprea A., 2008 - Alien plant species from Stânișoara Mountains (Eastern Carpathians-România). J. Plant Develop., 15: 33-45 (ISSN 2065-3158; CAB DIRECT: 20103226286). **SÎRBU C.**, **OPREA A.**, 2008 - New alien species for the flora of Romania: *Bidens bipinnata* L. (Asteraceae). Turk. J. Bot., 32: 255-258 (ISSN 1300-008X; CAB DIRECT: 20083174379).
- Sîrbu C.**, Oprea A., 2008 - Two alien species in the spreading process în România: *Reynoutria x bohemica* Chrték et Chrtková, and *Grindelia squarrosa* (Pursh) Dunal. Cerc. Agron. Moldova, 41(2): 41-50 (ISSN 0379 5837; CAB DIRECT: 20083284845).
- Sîrbu C.**, Oprea A., Eliáš P., Ferus P. 2011 - New contribution to the study of alien flora in Romania. J. Plant Develop., 18: 121-134 (ISSN 2065-3158; CAB DIRECT: 20123037871; DOAJ: <https://doaj.org/article/735896afa7d74ea1a048ecf4e6a393f0>).
- Sîrbu C.**, Samuil C., Oprea A. 2017. *Meum athamanticum* (Apiaceae) in the Eastern Carpathians, Romania. Acta Horti Bot. Bucurest. 44: 5-16 (ISSN 0374-1273; DOAJ, EBSCO, Google Scholar, Ulrich's Periodicals Directory/ulrichsweb etc.; <https://gradina-botanica.unibuc.ro/publicatii/>).
- Sîrbu C.**, Șușnia (Tone) I. 2018 - New records in the alien flora of Romania: *Euphorbia serpens* and *E. glyptosperma*. J. Plant Develop., 25: 135-144. (ISSN 2065-3158).