

Experimentarea modelului functional in vederea valorificarii sustenabile a diversitatii biologice la specia *Arnica montana* L. din nordul Carpatilor Orientali – identificarea si cuantificarea parametrilor specifici in vederea selectiei indicatorilor constitutivi ai modelului functional

DISEMINAREA REZULTATELOR

PARTICIPARI CONFERINTE

I. Nationale

1. Simpozionul stiintific conservarea diversitatii plantelor *in situ* si *ex situ*, 22 - 25 septembrie 2016, Iasi – Romania, organizat de Universitatea „Alexandru Ioan Cuza” Iasi, Gradina Botanica „Anastasiu Fatu”, Academia Romana - Sectia de Stiinte Biologice, Asociatia Gradinilor Botanice din Romania.
2. Sesiunea de Comunicari Stiintifice “D. Brandza”, organizata in cadrul Facultatii de Biologie si Gradinii Botanice “D. Brandza” ale Universitatii din Bucuresti, 5 Noiembrie 2016, Bucuresti, Romania.
3. Simpozionul National de Geomorfologie, Editia a XXXII-a, 19 - 22 mai 2016, Piatra Neamt, Romania, organizat de Asociatia Geomorfologilor din Romania, Universitatea „Al. I. Cuza” Iasi, Universitatea „Stefan cel Mare” Suceava, Centrul de Cercetari Biologice „Stejarul” Piatra Neamt.
4. 12th edition of the National Symposium with International Participation „MEDICINAL PLANTS – PRESENT AND PERSPECTIVES”, 6 - 9 septembrie 2016, Piatra Neamt, Romania.

II. Internationale

1. International Conference "CHIMIA", 26 - 28 mai 2016, Constanta, Romania.
2. 9th CMAPSEEC Conference on Medicinal and Aromatic Plants of Southeast European Countries, 26 - 29 mai 2016, Plovid, Bulgaria.
3. 10th International Symposium on Chromatography of Natural Products (ISCNP 2016), 6 - 9 iunie 2016, Lublin, Polonia.
4. Plant Biology Europe EPSO/FESPB Congress, 26 - 30 iunie 2016, Praga, Cehia.
5. 9th Joint Natural Products Conference, 24 - 27 iulie 2016, Copenhaga, Danemarca.
6. 13th European Grasslands Conference - Management and Conservation of Semi-natural grasslands: from theory to practice, 20 - 24 septembrie 2016, Sighisoara, Romania.
7. XXXIVth Romanian Chemistry Conference, 4 - 7 octombrie 2016, Calimanesti-Caciulata, Romania.

COMUNICARI

I. Comunicari orale

1. Mardari C., Stefanache C. P., Birsan C., Balaes T., Schiopu R., Danila D., Tanase C., *Factori de mediu cu influenta asupra structurii si densitatii populatiilor de Arnica montana in regiunea nordica a Carpatilor Orientali din Romania*. Simpozionul stiintific conservarea diversitatii plantelor *in situ* si *ex situ*, 22 - 25 septembrie 2016, Iasi – Romania, organizat de Universitatea „Alexandru Ioan Cuza” Iasi, Gradina Botanica „Anastasiu Fatu”, Academia Romana - Sectia de Stiinte Biologice, Asociatia Gradinilor Botanice din Romania, *Volum de rezumate*.
2. Stefanache C. P., Mardari C., Bujor O.-C., Necula R., Spac A., Birsan C., Tanase C., Danila D., *Profilul fitochimic al plantelor de Arnica montana L. diferite pe tip de organ colectate din areale naturale din muntii Bistritei si Calimani*, Simpozionul stiintific conservarea diversitatii plantelor *in situ* si *ex situ*, 22 - 25 septembrie 2016, Iasi – Romania, organizat de Universitatea „Alexandru Ioan Cuza” Iasi, Gradina Botanica „Anastasiu Fatu”, Academia Romana - Sectia de Stiinte Biologice, Asociatia Gradinilor Botanice din Romania, *Volum de rezumate*.

II. Comunicari poster

1. Stefanache C. P., Bujor O.-C., Necula R., Grigoras V., Mardari C., Birsan C., Danila D., *Sesquiterpene lactones and phenolic compounds content in Arnica montana flowers and leaves samples harvested from wild sites in North-East Romania*, 9th Joint Natural Products Conference, 24 - 27 iulie 2016, Copenhaga, Danemarca, *Planta Medica* 2016, 81(S 01): S1-S381, (DOI: 10.1055/s-0036-1596509).

2. Danila D., Stefanache C. P., Bujor O.-C., Necula R., Tanase C., Schiopu R. A., Spac A., *Phytochemical profile of Arnica montana L. root and rhizome samples from several wild populations in the Romanian Eastern Carpathians*, 9th Joint Natural Products Conference, 24 - 27 iulie 2016, Copenhaga, Danemarca, *Planta Medica* 2016; 81(S 01): S1-S381, (DOI: 10.1055/s-0036-1597064).
3. Stefanache C. P., Necula R., Bujor O.-C., Danila D., *HPLC profile of Arnica montana L. flowerheads from the northern area of Romanian Eastern Carpathians*, 10th International Symposium on Chromatography of Natural Products (ISCNP 2016), 6 - 9 iunie 2016, Lublin, Polonia, *Book of Abstracts*, pp. 143.
4. Stefanache C. P., Mardari C., Birsan C., Grigoras V., Schiopu R. A., Danila D., Tanase C., *Density and flowering rate of Arnica montana L. in relation to environmental factors and habitat type in Eastern Carpathians (Romania)*, Plant Biology Europe EPSO/FESPB Congress, 26 - 30 iunie 2016, Praga, Cehia, *Book of Abstracts*.
5. Danila D., Pricop E., Schiopu R. A., Stefanache C. P., *Biomass production and invertebrate fauna associated to Arnica montana L. wild populations in the northern area of the Romanian Eastern Carpathians*, Plant Biology Europe EPSO/FESPB Congress, 26 - 30 iunie 2016, Praga, Cehia, *Book of Abstracts*.
6. Nicolescu A. E., Ailiesei G., Ciobanu M., Măcsim A.-M., Ciocarlan A., Danila D., Stefanache C. P., Deleanu C., *NMR Characterization of the Arnica montana plant*, International Conference "CHIMIA", 26 - 28 mai 2016, Constanta, Romania, *Book of Abstracts*.
7. Nicolescu A. E., Ailiesei G., Ciobanu M., Măcsim A.-M., Ciocarlan A., Danila D., Stefanache C. P., Deleanu C., *Automatic classification of extracts obtained from different parts of Arnica montana plants*, XXXIVth Romanian Chemistry Conference, 4 - 7 octombrie 2016, Calimanesti-Caciulata, Romania, *Book of Abstracts*.
8. Codita V., Ciocarlan A., Aricu A., Danila D., Stefanache C. P., Silion M., Nicolescu A. E., Deleanu C., *GC-MS analysis of low polarity fractions from extract of Arnica montana*, XXXIVth Romanian Chemistry Conference, 4 - 7 octombrie 2016, Calimanesti-Caciulata, Romania, *Book of Abstracts*.
9. Mardari C., Stefanache C. P., Birsan C., Schiopu R. A., Balaes T., Danila D., Tanase C., *Habitat characteristics of a vulnerable species, Arnica montana, in the northern region of Romanian Eastern Carpathians*, 13th European Grasslands Conference - Management and Conservation of Semi-natural grasslands: from theory to practice, 20 - 24 septembrie 2016, Sighisoara, Romania, *Book of Abstracts*.
10. Mardari C., Birsan C., Stefanache C. P., Tanase C., *Amenintari potentiale la adresa speciei Arnica montana L. in regiunea nordica a Carpatilor Orientali din Romania*, Sesiunea de Comunicari Stiintifice "D. Brandza", 5 Noiembrie 2016, Bucuresti, Romania, organizata in cadrul Facultatii de Biologie si Gradinii Botanice "D. Brandza" ale Universitatii din Bucuresti, *Volum de rezumate*.
11. Chiriloaei F., Stefanache C. P., Budui V., Nechita N., Schiopu R. A., *Determinarea indicelui de vulnerabilitate a terenurilor pentru dezvoltarea bioresurselor. Studii de caz in jumatatea de nord a Carpatilor Orientali*, Simpozionul National de Geomorfologie, Editia a XXXII-a, 19 - 22 mai 2016, Piatra Neamt, Romania, organizat de Asociatia Geomorfologilor din Romania, Universitatea „Al. I. Cuza” Iasi, Universitatea „Stefan cel Mare” Suceava, Centrul de Cercetari Biologice „Stejarul” Piatra Neamt, *Volum de rezumate*.
12. Tebrencu C., Ciuperca O. T., Cretu R.-M., Danila D., Stefanache C. P., *Polyphenolic compound, flavones and phytosterols extracts of Arnica montana L.*, 9th CMAPSEEC Conference on Medicinal and Aromatic Plants of Southeast European Countries, 26 - 29 mai 2016, Plovid, Bulgaria, *Book of Abstracts*.
13. Ciuperca O. T., Tebrencu C., Iacob E., Cretu R.-M., Chiriac M., Ionescu E., *Phytochemical screening and chromatographic fingerprint studies on ethanolic extracts of Arnica montana L.*, 12th edition of the National Symposium with International Participation „MEDICINAL PLANTS – PRESENT AND PERSPECTIVES”, 6 - 9 septembrie 2016, Piatra Neamt, Romania, *Book of Abstracts*.

ARTICOLE

I. In reviste indexate in baze de date internationale recunoscute (BDI):

1. Mardari C., Danila D., Birsan C., Balaes T., Stefanache C. P., Tanase C., 2015, *Plant communities with Arnica montana in natural habitats from the Central Region of Romanian Eastern Carpathians*, *Journal of Plant Development*, 22, 95 – 105, ISSN 2065-3158.