

2015

Szakcikkek: 29

Össz IF: 53,17

PhD védések: 3

I. Szakcikkek

1. Bartha Cs., Fodorpataki L., Martinez-Ballesta, M.C., Popescu, O., Carvajal, M. (2015) Sodium accumulation contributes to salt stress tolerance in lettuce cultivars. *J. Appl. Bot. Food Qual.* 84: 42-48. IF: 0.814
2. Bartha L., Stepanov, N., Ruksans, J., Banciu, H., Keresztes, L. (2015) Non-monophyly of Siberian *Erythronium* (Liliaceae) leads to the recognition of the formerly neglected *Erythronium sajanense*. *Journal of Plant Research* 128(5): DOI:10.1007/s 10265-015-07347. IF: 1.823
3. Báthori, F., Csata, E. & Tartally, A. (2015) *Rickia wasmannii* increases the need for water in *Myrmica scabrinodis* (Ascomycota: Laboulbeniales; Hymenoptera: Formicidae). *Journal of Invertebrate Pathology* 126: 78–82. IF: 2.601
4. Dénes A-L., Kolcsár L-P., Keresztes L. (2015) Phylogeography of the micro-endemic *Pedicia staryi* group (Insecta, Diptera): evidence on relic biodiversity in the Carpathian Area. *Biological Journal of the Linnean Society* DOI: 10.1111/bj.12067. IF: 2.264
5. Fenesi A, Vágási CI, Beldean M, Földesi R, Kolcsár LP, Shapiro JT, Török E, Kovács-Hostyánszki A (2015). *Solidago canadensis* impacts on native plant and pollinator communities in different-aged old fields. *Basic and Applied Ecology*, 16: 335-346. IF: 1.942
6. Fenesi, A., Geréd, J., Meiners, S.J., Tóthmérész, B., Török, P., Ruprecht, E. (2015). Does disturbance enhance the competitive effect of the invasive *Solidago canadensis* on the performance of two native grasses? *Biological Invasions* 17: 3303-3315. IF: 2.716
7. Fodorpataki L., Barna Sz., Holinka B. (2015) Differential responses of components of the antioxidant defense system to high salinity stress in the lesser duckweed (*Lemna minor* L.). *Studia Univ. Babeş-Bolyai, Biologia* 60(1): 39-56.
8. Fodorpataki L., Holinka B., György É. (2015) Priming with S-methylmethionine increases non-enzymatic antioxidant content of lettuce leaves exposed to salt stress. In: Asaduzzaman, M. (ed.): *Controlled Environment Agriculture – Production of specialty crops providing human health benefits through hydroponics*. Nova Science Publ., New York, 47 pp. (in press)
9. Hirsch, H., Wagner, V., Danihelka, J., Ruprecht, E., Sánchez-Gómez, P., Seifert, M., Hensen, I. (2015). High genetic diversity declines towards the geographic range periphery of *Adonis vernalis*, a Eurasian dry grassland plant. *Plant Biology* 17: 1233-1241. IF: 2.405
10. Ibrahim, H., Kucinic, M., Vitecek, S., Waringer, G., Previsic, A., Bálint, M., Keresztes L., Pauls, S. (2015) New records for the Kosovo caddisfly fauna with the description of a new species, *Drusus dardanicus* sp. nov. (Trichoptera, Limnephilidae). *Zootaxa* 4032(5): 551-568. IF: 0.906
11. Kis E., Fodorpataki L. (2015) Az erdélyi magyar biológia és ökológia szakterületek 2002-2013 közötti tudományos eredményeinek szintézise, In: Péntek J., Salat L., Szikszai M. (szerk.): *Magyar Tudományosság Romániában 2002-2013 között*, III. kötet, pp. 225-242, Ábel Kiadó, Kolozsvár.
12. Kis, E., Kelemen, B., Székely, G. (2015) Human Papilloma Virus infection and cervical cancer in Romania. *Studia Univ. Babeş-Bolyai, Biologia*, 60 (1): 155–164.
13. Kolcsár, L-P., Török E., Keresztes L. (2015) A new species and new records of *Molophilus* Curtis, 1833 (Diptera: Limoniidae) from the Western Palaearctic Region. *Biodiversity Data Journal* 3(3): 1-10.
14. Kuhn, T., Fodor, E.I., Tripon, S., Ferencz, E., Fodorpataki, L., Ruprecht, E. (2015) The seed covering anatomy of six herbaceous species from Central-Eastern Europe. *Contribuții Botanice, in press*.
15. Loos, J., Horcea-Milcu, A.I., Kirkland, P., Hartel, T., Osváth-Ferencz, M., Fischer, J. (2015) Challenges for biodiversity monitoring using citizen science in transitioning social–ecological systems. *Journal for Nature Conservation* 26: 45–48. IF: 1.833
16. Marta, B., Potara, M., Iliut, M., Jakab, E., Radu, T., Imre-Lucaci, F., Katona, G., Popescu, O., Astilean, S. (2015) Designing chitosan–silver nanoparticles–graphene oxide nanohybrids with enhanced antibacterial activity against *Staphylococcus aureus*. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 487: 113–120. IF = 2.752

17. Nagy-Tóth F., Fodorpataki L. (2014): Egy életút az erdélyi botanika szolgálatában – megemlékezés Csűrös István professzor születésének 100 éves évfordulója alkalmából. *Acta Sci. Trans.* 22(1): 5-13.
18. Pap P.L., Osváth G., Aparicio J.M., Bárbos L., Matyjasiak P., Rubolini D., Saino N., Vágási C.I., Vincze O., Møller A.P. (2015) Sexual dimorphism and population differences in structural properties of barn swallow (*Hirundo rustica*) wing and tail feathers. *PLoS ONE* 10: e0130844. IF: 3.534
19. Pap P.L., Osváth G., Sándor K., Vincze O., Bárbos L., Marton A., Nudds R.L., Vágási C.I. (2015) Interspecific variation in the structural properties of flight feathers in birds indicates adaptation to flight requirements and habitat. *Functional Ecology* 29: 746-757. Spotlighted paper in the 29(6) issue of Functional Ecology. IF: 4.857
20. Pap P.L., Pătraș L., Osváth G., Buehler D.M., Versteegh M.A., Sesarman A., Banciu M., Vágási C.I. (2015) Seasonal patterns and relationships among coccidian infestations, measures of oxidative physiology, and immune function in free-living house sparrows over an annual cycle. *Physiological and Biochemical Zoology* 88: 395-405. IF: 2.05
21. Pap P.L., Vágási C.I., Vincze O., Osváth G., Veres-Szászka J., Czirják G.Á. (2015) Physiological pace of life: the link between constitutive immunity, developmental period, and metabolic rate in European birds. *Oecologia* 177: 147-158. IF: 3.248
22. Ruprecht, E., Fenesi, A., Fodor, E.I., Kuhn, T., Tökölyi, J. (2015). Shape determines fire tolerance of seeds in temperate grasslands that are not prone to fire. *Perspectives in Plant Ecology, Evolution and Systematics* 17: 397-404. IF: 3.324
23. Ruprecht, E., Janišová, M., Sutcliffe, L., Boch, S., Becker, T. (2015). Dry grasslands of Central-Eastern and South-Eastern Europe shaped by environmental heterogeneity and human land use – Editorial to the 10th Dry Grassland Special Feature. *Tuexenia* 35: 321-328. IF: 1.516
24. Schlinkert, H., Westphal, C., Clough, Y., László, Z., Ludwig, M., Tschardtke, T. (2015) Plant size as determinant of species richness of herbivores, natural enemies and pollinators across 21 Brassicaceae species. *PLoS ONE* 10(8): e0135928. doi:10.1371/journal.pone.0135928. IF: 3.534
25. Török, E., Kolcsár L-P., Dénes A-L., Keresztes L. (2015) Morphologies tells more than molecules in the case of the European widespread *Ptychoptera albimana* (Fabricius, 1787) (Diptera, Ptychopteridae). *North Western Journal of Zoology* 11(2): 304-315. IF: 0.869
26. Vincze O., Vágási C.I., Pap P.L., Osváth G., Møller A.P. (2015) Brain regions associated with visual cues are important for bird migration. *Biology Letters* 11: 20150678. IF: 3.425
27. Vitecek S., Graf W., Kučinić M., Oláh J., Bálint M., Previšić A., Keresztes L., Pauls S.U., Waringer J. (2015) A hairy case: The evolution of filtering carnivorous Drusinae (Limnephilidae, Trichoptera). *Molecular Phylogenetics and Evolution* 93: 249-260, DOI: 10.1066/jympev.2015.07.019. IF: 3.916
28. Vitecek S., Previšić A., Kučinić M., Bálint M., Keresztes L., Waringer J., Pauls S.U., Malicky H., Graf W. (2015) Description of a new species of *Wormaldia* from Sardinia and a new *Drusus* species from the Western Balkans (Trichoptera, Philopotamidae, Limnephilidae). *ZooKeys* 496: 85–103. IF: 0.933
29. Vitecek, S., Kucinic, M., Olah J., Precisic, A., Bálint M., Keresztes L., Warinher, J., Pauls, S., Graf, W. (2015): Description of two new filtering carnivore *Drusus* species (Limnephilidae: Drusinae) from the Western Balkas. *ZooKeys* 513 (12-3): 79-104. IF: 0.933
30. Waringer J., Graf W., Bálint M., Kucinic M., Pauls S., Previsic A., Keresztes L., Ibrahim H., Zivic I., Bjelanovic K., Krapac V., Vitecek S. (2015) Larvar morphology and phylogenetic position of *Drusus balcanicus*, *Drusus botosaneanui*, *Drusus serbicus* and *Drusus tenellus*(Trichoptera, Limnephilidae, Drusinae). *European Journal of Entomology* 122(2): 344-361. IF: 0.975