

2018

Szakcikkek: 35

Össz IF: 98,951

I. Szakcikkek

1. Csata E, Billen J, Bernadou A, Heinze J, Markó B (2018): Infection-related variation in cuticle thickness in the ant *Myrmica scabrinodis* (Hymenoptera: Formicidae). *Insectes Sociaux* 65: 503–506.
2. Dengler J, Wagner V, Dembicz I, Garcia-Mijangos I, Naqinezhad A, Boch S, Chiarucci A, Conradi T, Filibeck G, Guarino R, Janišova M, Steinbauer MJ, Aćić S, Acosta ATR, Akasaka M, Allers M-A, Apostolova I, Axmanova I, Bakan B, Baranova A, Bardy-Durchhalter M, Bartha S, Baumann E, Becker T, Becker U, Belonovskaya E, Bengtsson K, Benito Alonso JL, Berastegi A, Bergamini A, Bonini I, Bruun HH, Budzhak V, Bueno A, Campos JA, Cancellieri L, Carboni M, Chocarro C, Conti L, Czarniecka-Wiera M, De Frenne P, Deak B, Didukh YP, Diekmann M, Dolnik C, Dupre C, Ecker K, Ermakov N, Erschbamer B, Escudero A, Etayo J, Fajmonova Z, Felde VA, Fernandez Calzado MR, Finckh M, Fotiadis G, Fracchiolla M, Ganeva A, Garcia-Magro D, Gavilan RG, Germany M, Giladi I, Gillet F, Giusso del Galdo GP, Gonzalez JM, Grytnes J-A, Hajek M, Hajkova P, Helm A, Herrera M, Hettengergerova E, Hobohm C, Hullbusch EM, Ingerpuu N, Jandt U, Jeltsch F, Jensen K, Jentsch A, Jeschke M, Jimenez-Alfaro B, Kaçki Z, Kakinuma K, Kapfer J, Kavgacı A, Kelemen A, Kiehl K, Koyama A, Koyanagi TF, Kozub L, Kuzemko A, Kyrkjeeide MO, Landi S, Langer N, Lastrucci L, Lazzaro L, Lelli C, Lepš J, Lobel S, Luzuriaga AL, Maccherini S, Magnes M, Malicki M, Marceno C, Mardari C, Mauchamp L, May F, Michelsen O, Molero Mesa J, Molnar Z, Moysiyenko IY, Nakaga YK, Natcheva R, Noroozi J, Pakeman RJ, Palpurina S, Partel M, Patsch R, Pauli H, Pedashenko H, Peet RK, Pielech R, Pipenbaher N, Pirini C, Pleskova Z, Polyakova MA, Prentice HC, Reinecke J, Reitalu T, Rodriguez-Rojo MP, Roleček J, Ronkin V, Rosati L, Rosen E, Ruprecht E, Rusina S, Sabovljević M, Sanchez AM, Savchenko G, Schuhmacher O, Škornik S, Sperandii MG, Staniaszek-Kik M, Stevanović-Dajić Z, Stock M, Suchrow S, Sutcliffe LME, Swacha G, Sykes M, Szabó A, Talebi A, Tănase C, Terzi M, Tölgyesi C, Torca M, Török P, Tóthmérész B, Tsarevskaya N, Tsiripidis I, Tzonev R, Ushimaru A, Valkó O, van der Maarel E, Vanneste T, Vashenyak I, Vassilev, Viciani KD, Villar L, Virtanen R, Vitasović Kosić I, Wang Y, Weiser F, Went J, Wesche K, White H, Winkler M, Zaniwski PT, Zhang H, Ziv Y, Znamenskiy S, Biurrun I (2018). GrassPlot – a database of multi-scale plant diversity in Palaearctic grasslands. *Phytocoenologia* 48: 331–347.
3. Eberhart-Phillips LJ, Küpper C, Carmona-Isunza MC, Vincze O, Zefania S, Cruz-López M, Kosztolányi A, Miller TEX, Barta Z, Cuthill I, Burke T, Székely T, Hoffman JI, Krüger O (2018): Demographic causes of adult sex ratio variation and their consequences for parental cooperation. *Nature Communications* 9: 1651.
4. Fábíán I, Török E, Podar D, Székely G (2018): Plant ascorbate peroxidase: molecular phylogeny and role in oxidative stress. *Studia Universitatis Babeş-Bolyai, Biologia* 63.
5. Feurdean A, Ruprecht E, Molnár Z, Hutchinson SM, Hickler T (2018): Biodiversity-rich European grasslands: ancient, forgotten ecosystems. *Biological Conservation* 228: 224–232.
6. Fülöp A, Daróczy SJ, Dehelean AS, Dehelean LA, Domahidi Z, Dósa A, Gyékény G, Hegyeli Z, Kis RB, Komáromi IS, Kovács I, Miholcsa T, Nagy AA, Nagy A, Ölvedi S, Papp T, Pârâu LG, Sándor AK, Sos T, Zeitz R (2018): Autumn passage of soaring birds over Dobrogea (Romania): a migration corridor in Southeast Europe. *Ardea* 106: 61–77.
7. Hampel B, Kovács G, Czekes Z, Hernádi K, Danciu V, Ersen O, Girleanu M, Baia L, Focsan M, Pap Z (2018): Mapping the photocatalytic activity and ecotoxicology of Au, Pt/TiO₂ composite photocatalysts. *ACS Sustainable Chemistry & Engineering* 6: 12993–13006.
8. Hartel T, Fagerholm N, Torralba M, Balázsai Á, Plieninger T (2018): Forum: Social-ecological archetypes for European rangelands. *Rangeland Ecology & Management* 71: 536–544.
9. Hartel T, Hanspach J, Moga CI, Holban L, Szapanyos A, Tamas R, Horváth C, Réti KO (2018): Abundance of large old trees in wood-pastures of Transylvania (Romania). *Science of the Total Environment* 613: 263–270.
10. Ingle K, Horváth Á, Gallé-Szpisjak N, Gellért L, Csata E, Gallé R (2018): The effects of overwintering and habitat type on body condition and locomotion of the wolf spider *Pardosa alacris*. *Acta Oecologica* 89: 38–42.

11. **Keresztes L, Kolcsár L-P, Dénes A-L, Török E** (2018): Revealing unknown larvae of the maxima species group of the genus *Acutipula* Alexander, 1924 (Tipula, Tipuloidae, Diptera) using an integrative approach. *North-Western Journal of Zoology* 14: 17–24.
12. **Keresztes L, Martínez Menéndez J, Martin L, Török E, Kolcsár L-P** (2018): Description of a new species of *Mediotipula* from Albania, with consideration of the eastern Mediterranean as a diversity hotspot (Diptera, Tipulidae). *ZooKeys* 792: 99–115.
13. **Kolcsár L-P, Petrašiūnas A, Török E, Keresztes L** (2018): A new species of *Trichocera* Meigen with further records of *Metatrachocera* Dahl from Bulgaria, Romania, and Serbia (Diptera, Trichoceridae). *Turkish Journal of Zoology* 42: 172–178.
14. **Kolcsár L-P, Török E, Keresztes L** (2018): First record of *Cylindrotomadistinctissima* (Meigen, 1818) from Serbia and new data on the occurrence of Cylindrotomidae (Diptera) in Bulgaria and Romania. *Fragmenta Faunistica* 60: 107–112.
15. Lakatos KT, **László Z, Tóthmérész B** (2018): Disturbance induced dynamics of a tritrophic novel ecosystem. *Bulletin of Entomological Research* 108: 158–165.
16. **László Z, Dénes AL, Király L, Tóthmérész B** (2018): Biased parasitoid sex ratios: *Wolbachia*, functional traits, local and landscape effects. *Basic and Applied Ecology* 31: 61–71.
17. **László Z, Rákósy L, Tóthmérész B** (2018): The simpler the better: when decreasing landscape complexity increases community stability. *Ecological Indicators* 84: 828–836.
18. Lommen STE, Hallmann CA, Jongejans E, Chauvel B, Leitsch-Vitalos M, Aleksanyan A, Tóth P, Preda C, Šćepanović M, Onen H, Tokarska-Guzik B, Anastasiu P, Dorner Z, **Fenesi A, Karrer G, Nagy K, Pinke G, Tiborcz V, Zagyvai G, Zalai M, Kazinczi G, Leskovšek R, Stešević D, Fried G, Kalatozishvili L, Lemke A, Müller-Schärer H** (2018): Explaining variability in the production of seed and allergenic pollen by invasive *Ambrosia artemisiifolia* across Europe. *Biological Invasions* 20: 1475–1491.
19. Loos J, **Vizauer T-C, Kastal Á, Davies M, Hedrich H, Dolek M** (2018): A highly endangered species on the edge: distribution, habitat use and outlook for *Coliasmyrmidone* in newly established Natura 2000 areas in Romania. *Environment, Development and Sustainability*: <https://doi.org/10.1007/s10668-018-0297-6>
20. Lovas-Kiss Á, Vizi B, **Vincze O, Molnár VA, Green A** (2018): Endozoochory of aquatic ferns and angiosperms by mallards in central Europe. *Journal of Ecology* 106: 1714–1723.
21. **Osváth G, Daubner T, Dyke GJ, Fuisz TI, Nord A, Péntzes J, Vargancsik D, Vágási CI, Vincze O, Pap PL** (2018): How feathered are birds? Environment predicts both the mass and density of body feathers. *Functional Ecology* 32: 701–712.
22. **Pap PL, Vincze O, Fülöp A, Székely-Béres O, Pătraș L, Péntzes J, Vágási CI** (2018): Oxidative physiology of reproduction in a passerine bird: a field experiment. *Behavioural Ecology and Sociobiology* 72: 18.
23. Roellig M, Costa A, Garbarino M, Hanspach J, **Hartel T, Jakobsson S, Lindborg R, Mayr S, Plieninger T, Sammul M, Varga A, Fischer J** (2018): Post hoc assessment of stand structure across European Wood-pastures: Implications for land use policy. *Rangeland Ecology & Management* 71: 526–535.
24. Sándor AD, Földvári M, Krawczyk AI, Sprong H, Corduneanu A, Barti L, Görföl T, Estók P, Kováts D, Szekeres S, **László Z, Hornok S, Földvári G** (2018): Eco-epidemiology of novel *Bartonella* genotypes from parasitic flies of insectivorous bats. *Microbial Ecology* 76(4): 1076–1088.
25. Ślipiński P, **Markó B, Włodarczyk T, Czechowski W** (2018): The foraging strategy of *Formica sanguinea* (Hymenoptera: Formicidae), a facultative slave-maker. *Myrmecological News* 26: 55–64.
26. Steiner FM, Csósz S, **Markó B, Gamisch A, Rinnhofer L, Folterbauer C, Hammerle S, Stauffer C, Arthofer W, Schlick-Steiner BC** (2018): Turning one into five: integrative taxonomy uncovers complex evolution of cryptic species in the harvester ant *Messor* “*structor*”. *Molecular Phylogenetics and Evolution* 127: 387–404.
27. Szabó A, **Ruprecht E** (2018): Restoration possibilities of dry grasslands afforested by pine: the role of seed bank and remnant vegetation. *Tuexenia* 38: 405–418.
28. Teodor LA, **Czekes Z, Podlussány A, Milin VȘ, Keresztes L** (2018): Distribution, morphology and ecology of the Carpathian endemic relict species *Otiorhynchus(Elechranus) remotegranulatus* Stierlin, 1891, compared to *O. (Elechranus) chrysonus* Boheman, 1843. *North-Western Journal of Zoology* 14: 117–121.
29. Tomazatos A, Cadar D, **Török E, Maranda I, Horváth C, Keresztes L, Spinu M, Jansen S, Jöst H, Schmidt-Chanasit J, Tannich E, Lühken R** (2018): Circulation of *Dirofilaria immitis* and *Dirofilaria repens* in the Danube Delta Biosphere Reserve, Romania. *Parasites & Vectors* 11: 392.
30. **Török E, Kolcsár L-P, Popescu O, Keresztes L** (2018): Faunistic survey on Culicidae (Diptera) and their arboviruses in the area of a metropolis Cluj-Napoca, Romania. *North-Western Journal of Zoology*: e181201.
31. Torralba M, Fagerholm N, **Hartel T, Moreno G, Plieninger T** (2018): A social-ecological analysis of ecosystem services supply and trade-offs in European wood-pastures. *Science Advances* 4: eaar2176.

32. **Vágási CI**, Pătraș L, **Pap PL**, **Vincze O**, Mureșan C, Németh J, Lendvai ÁZ (2018): Experimental increase in baseline corticosterone level reduces oxidative damage and enhances innate immune response. *PLoS One* 13: e0192701.
33. Várhelyi C, Szalay R, Pokol G, Goga F, **Papp J**, Szabó P, Huszthy P, Golban L-M, Várhelyi M, Lang L (2018): Synthesis of novel Pt complexes with α -glyoximes, Schiff bases, and their physical-chemical and biological study. *Proc. 24th Internat. Symp. Analyt. Environ. Probl.* pp. 26–30.
34. Vassilev K, **Ruprecht E**, Alexiu V, Becker T, Beldean M, Biță-Nicolae C, Csergő AM, Dzhovanova I, Filipova E, Frink JP, Gafta D, Georgieva M, Germany MS, Goia I, Gumus M, Hennekens SM, Janišová M, Knollová I, Koleva V, Kostadinova S, Kuzmanović N, Loos J, Mardari C, Michl T, Neblea MA, Ion Nicoară R, Novák P, Öllerer K, Onete M, Palpurina S, Paulini I, Pedashenko H, Pușcaș M, Roman A, Šibík J, Sîrbu C, Stancu DI, Sutcliffe LME, Szabó A, Tomescu C-V, Totev E, Tsvetanov B, Turtureanu PD, Vassileva P, Velez N, Dengler J (2018): The Romanian Grassland Database (RGD): historical background, current status and future perspectives. *Phytocoenologia* 48: 91–100.
35. Wilkins MR, Scordato ESC, Semenov GA, Karaardıç H, Shizuka D, Rubtsov A, **Pap PL**, Shen S-F, Rebecca J (2018): Global song divergence in barn swallows (*Hirundo rustica*): exploring the roles of genetic, geographic, and climatic distance in sympatry and allopatry. *Biological Journal of the Linnean Society* 123: 825–849.