

## Lista de lucrări în domeniul de știință definit de disciplinele din postul scos la concurs

**NUMELE ȘI PRENUMELE: Adalbert Balog**

### I. LISTA PUBLICAȚIILOR RELEVANTE

1. **Balog A.** (2013 in press) Jumping ‘ship’ can have its costs: Implications of predation and host plant species for the maintenance of pea aphid (*Acyrtosiphon pisum* Harris) colour polymorphism. *Bulletin of Entomological Research* (**IF. 1,987**).
2. **Balog A, Schmitz OJ** (2013) Predation Determines Different Selective Pressure on Pea Aphid Host Races in a Complex Agricultural Mosaic. *PLoS ONE* 8(2): e55900. doi:10.1371/journal.pone.0055900 (**IF. 3,730**).
3. **Balog, A., and Schmitz OJ** (2013) Predation drives stable coexistence ratios between red and green pea aphid morphs. *Journal of Evolutionary Biology*, 26 545–552 (**IF. 3,479**).
4. **Balog, A., Mehrparvar M, Weisser WW** (2013) Polyphagous predatory rove beetles (Coleoptera: Staphylinidae) induce winged morphs in the pea aphid *Acyrtosiphon pisum*. *European Journal of Entomology*, 8(2), 153-157 (**IF. 0,918**).
5. **Balog, A., Ferencz, L. and Hartel, T.** (2011): Effects of Chitin and Contact Insecticide Complexes on the Abundance and Species Richness of Rove beetles (Coleoptera: Staphylinidae) in Commercial Orchards. *Journal of Insect Science* 2011; 11:93. doi: 10.1673/031.011.9301. (**IF. 0,947**).
6. **Balog, A., Szénási, A., Szekeres, D., Pálincás Z.** (2011). Analysis of soil dwelling rove beetles (Coleoptera: Staphylinidae) in cultivated maize fields containing the Bt toxins, Cry34/35Ab1 and Cry1F x Cry34/35Ab1. *Biocontrol Science and Technology*, 21: 3, 293-297, doi: 10.1080/09583157.2010.545104 (**IF. 0,919**).
7. Neda, Z., Horvath, Sz., Tohati, H.M., Derzsi, A. and **Balog, A.** (2010): A spatially explicit model for tropical tree diversity patterns. *Journal of Theoretical Biology* 265:44, 517-523 (**IF. 2,371**).
8. **Balog, A., Kiss, J., Szekeres, D., Szénási, Á. and Markó, V.** (2010): Rove beetle (Coleoptera: Staphylinidae) communities in transgenic Bt (MON810) and near isogenic maize. *Crop Protection* 29, 567-571 (**IF. 1,517**).
9. **Balog, A., Markó, V. and Szarvas, P.** (2008): Dominance, Activity Density and Prey Preferences of Rove Beetles (Coleoptera: Staphylinidae) in Conventionally Treated Agro-Ecosystems. *Bulletin of Entomological Research* 98, 259-269 (**IF. 1,415**).
10. **Balog, A., Markó, V. and Ádám, L.** (2008): Rove beetles (Coleoptera: Staphylinidae) collected during the long term ecological research”. *Journal of Environmental Biology* 29, 263-266 (**IF. 1,359**).

## II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

### A. Teza de doctorat

**Balog A.:** *Effect of ecological disturbance on staphylinidae communities (Coleoptera: Staphylinidae) in orchards.* Budapest University of Economic Science and Public Administration, Faculty of Horticultural Science, Department of Entomology, specialitatea Biologie 2003. Coordonator științific: Prof. Dr. Mészáros Zoltán, Conf. Dr. Markó Viktor.

### B. Cărți publicate

**B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.**

1. **Balog A.:** *Zoologie în protecția plantelor - Növényvédelmi állattan – elméleti rész.* (lb. Maghiară) Egyetemi Kiadó, Budapest (University Press Budapesta-Ungaria), 2002. 98 pagini. (Manual de curs pentru studenți anul II Horticultura)

**B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.**

1. **Balog, A.** (2012): Mechanikai és növényvédelmi kezelések hatása holyva együttesekre (Coleoptera: Staphylinidae). Editure Scientia, Cluj 160 pp.

**B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.**

1. **Balog, A.,** Bálint, J., Kovács L., Kentelky E., Jakab S., Nyárádi I.I., Thiesz R.: Az Erdélyi Magyar agrár oktatás múltja, jelene és jövője, Edituta Niko, Tg.Mureș 2008, ISBN 978-973-1947-02-0, 100 pagini.

**B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.**

**B5. Capitoare de cărți publicate în străinătate**

### C. Lucrări științifice publicate

**C1. Lucrări științifice publicate în reviste cotate ISI (factorul de impact inclus la sfârșitul fiecăruia)**

1. János Bálint, Szilveszter Nagy, Rezső Thiesz, Imre-István Nyárádi, **Adalbert Balog.** Biocontrol strategy to reduce asexual reproduction of apple scab (*Venturia inaequalis*) by using plant extracts. Turkish Journal of Agriculture and Forestry (in press) (**IF. 0,731**).
2. **Balog A.** (2013 in press) Jumping ‘ship’ can have its costs: Implications of predation and host plant species for the maintenance of pea aphid (*Acyrtosiphon pisum* Harris) colour polymorphism. Bulletin of Entomological Research (**IF. 1,987**).

3. **Balog A**, Schmitz OJ (2013) Predation Determines Different Selective Pressure on Pea Aphid Host Races in a Complex Agricultural Mosaic. PLoS ONE 8(2): e55900. doi:10.1371/journal.pone.0055900 (**IF. 3,730**).
4. **Balog, A.**, and Schmitz OJ (2013) Predation drives stable coexistence ratios between red and green pea aphid morphs. Journal of Evolutionary Biology 26 ( 2013) 545–552 (**IF. 3,479**).
5. **Balog, A.**, Mehrparvar M, Weisser WW (2013) Polyphagous predatory rove beetles (Coleoptera: Staphylinidae) induce winged morphs in the pea aphid *Acyrtosiphon pisum*. European Journal of Entomology, 8(2), 153-157 (**IF. 0,918**).
6. **Balog, A.**, Hartel T., Máthé I. & Urák I. (2012) Carabid assemblages along a land use gradient in a Carpathian Mountain landscape. North-Western Journal of Zoology, 8(2), 215-222 (**IF. 0,747**).
7. **Balog, A.**, Ferencz, L. and Hartel, T. (2011): Effects of Chitin and Contact Insecticide Complexes on the Abundance and Species Richness of Rove beetles (Coleoptera: Staphylinidae) in Commercial Orchards. Journal of Insect Science 2011; 11:93. doi: 10.1673/031.011.9301. (**IF. 0,947**).
8. **Balog, A.**, Szénási, A., Szekeres, D., Pálincás Z. (2011). Analysis of soil dwelling rove beetles (Coleoptera: Staphylinidae) in cultivated maize fields containing the Bt toxins, Cry34/35Ab1 and Cry1F x Cry34/35Ab1. Biocontrol Science and Technology, 21: 3, 293-297, doi: 10.1080/09583157.2010.545104 (**IF. 0,919**).
9. Urák, I., Hartel, T., **Balog, A.** (2010): Influence of Carpathian landscape scale on spider communities. Archives of Biological Science, **62 (4)**, 1231-1234. (**IF. 0,356**).
10. Bálint, J., Neacsu, P., **Balog, A.**, Fail, J., Véték, G. (2010): First record of the black locust gall midge *Obolodiplosis robiniae* (Haldeman) (Diptera: Cecidomyiidae) in Romania. North-Western Journal of Zoology, **6 (2)**, 319-322. (**IF. 0,659**).
11. Neda, Z., Horvath, Sz., Tohati, H.M., Derzsi, A. and **Balog, A.** (2010): A spatially explicit model for tropical tree diversity patterns. Journal of Theoretical Biology 265:44, 517-523 (**IF. 2,371**).
12. Ferencz, L., **Balog, A.** (2010): A pesticide survey in soil, water and foodstuffs from central Romania. Carpathian Journal of Earth and Environmental Sciences **5(1)**, 111 – 118 (**IF. 1,579**).
13. **Balog, A.**, Kiss, J., Szekeres, D., Szénási, Á. and Markó, V. (2010): Rove beetle (Coleoptera: Staphylinidae) communities in transgenic Bt (MON810) and near isogenic maize. Crop Protection **29**, 567-571 (**IF. 1,517**).
14. Ferencz, L. and **Balog, A.** (2010): Pesticides masked with cyclodextrins – a survey of soil samples and computer aided evaluation of the inclusion processes. Fresenius Environmental Bulletin. **19(2)**, 1-8 (**IF. 0,716**).

15. **Balog, A.**, Markó, V. and Imre, A. (2009): Farming system and habitat structure effects on rove beetles (Coleoptera: Staphylinidae) assembly in Central European apple and pear orchards. *Biologia* **64**(2), 1-6 (**IF. 0,617**).
16. Thiesz, R., Bandi, A., Toth, M. and **Balog, A.** (2009): Evaluation of an isolated Persian walnut (*Juglans regia* L.) population from Eastern Transylvania, Romania. *Journal of Food, Agriculture and Environment* **6**(3-4), 132-136 (**IF. 0,349**).
17. **Balog, A.**, Markó, V. and Szarvas, P. (2008): Dominance, Activity Density and Prey Preferences of Rove Beetles (Coleoptera: Staphylinidae) in Conventionally Treated Agro-Ecosystems. *Bulletin of Entomological Research* **98**, 259-269 (**IF. 1,415**).
18. **Balog, A.**, Markó, V. and Ádám, L. (2008): Rove beetles (Coleoptera: Staphylinidae) collected during the long term ecological research". *Journal of Environmental Biology* **29**, 263-266 (**IF. 1,359**).
19. **Balog, A.**, Markó, V. and Ferencz, L. (2008): Patterns in distribution, abundance and prey preferences of parasitoid rove beetles *Aleochara bipustulata* (L.) (Coleoptera: Staphylinidae, Aleocharinae) in agro ecosystems. *North-Western Journal of Zoology* **4**(1), 6-15 (**IF. 0,817**).
20. Hartel, T. R., Moga, C. I., Öllerer, K., Demeter, L., Sas, I., Rusti, D. M. and **Balog, A.** (2008): A proposal towards the incorporation of spatial heterogeneity into animal distribution studies in Romanian landscapes. *North-Western Journal of Zoology* **4**(1), 67-74 (**IF. 0,817**).
21. **Balog, A.** and Markó, V. (2007): Chemical disturbances effects on community structure of rove beetles (Coleoptera: Staphylinidae) in agricultural fields. *North-Western Journal of Zoology* **3**(2), 67-74 (**IF. 0,817**).
22. **Balog, A.**, Thiesz, R., Ferencz, L. and Albert, J. (2007): The effects of plant extracts on apple aphid (Homoptera: Aphis pomi De Geer) under laboratory conditions. *R. Biotechnological Letters* **12**(5), 3423-3430 (**IF. 0,152**).
23. Thiesz, R., **Balog, A.**, Ferencz, L. and Albert, J. (2007): The effects of plant extracts on apple scab (*Venturia inaequalis* Cooke) under laboratory conditions. *R. Biotechnological Letters* **12**(4), 3295-3302 (**IF. 0,152**).

**Factor de impact acumulat: 27, 11**

**C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).**

24. **Balog, A.**, Szénási, Á., Szekeres, D. and Kiss, J. (2010): Staphylinids (Coleoptera: Staphylinidae) in genetically modified maize ecosystems: species densities and trophic interactions. *IOBC-Bulletin*. **52**, 9-15. (**ISI Thomson Master Journal List – Firă factor de impact, BIOSIS Previews, CAB Abstracts, index Copernicus**)
25. Mathe, I., Urak, I., Balazs, E. and **Balog, A.** (2008) Ground beetles (Coleoptera Carabidae) assemblages in a birch forest and in the neighboring pine plantation of

Eastern Carpathian region, Romania. *Acta Pericemonologica Rerum Ambientum Debrecina* **3**, 158-163. (**BIOSIS Previews, CAB Abstracts**)

26. **Balog, A.** and Markó, V. (2007): The Community Structure Studies on Rove Beetles (Coleoptera: Staphylinidae) in Differently Treated Apple Orchards. *Acta Phytopathologica et Entomologica Hungarica* **42(2)**, 376-385. (**ISI Thomson Master Journal List – Fîrâ factor de impact, BIOSIS Previews, CAB Abstracts, index Copernicus**)
27. **Balog, A.** and Markó, V. (2007): The Species Composition and the Community Structure of the Rove Beetles (Coleoptera: Staphylinidae) in Vineyard Ecosystems. *Acta Phytopathologica et Entomologica Hungarica* **42(2)**, 367-376, 2007. (**ISI Thomson Master Journal List – Fîrâ factor de impact, BIOSIS Previews, CAB Abstracts, index Copernicus**)
28. **Balog, A.** and Markó, V. (2007): Rove beetles (Coleoptera: Staphylinidae) in central European apple and pear orchards – comparative studies of species richness, abundance and diversity. *Journal of Plant Protection Research* **47(3)**, 309-320. (**ISI Thomson Master Journal List – Fîrâ factor de impact, BIOSIS Previews, CAB Abstracts, index Copernicus**)
29. Thiesz, R., Bandi, A., Tóth, M. and **Balog, A.** (2007): Epidemiological survey of *Xanthomonas arboricola* pv. *juglandis* and *Gnomonia leptostyla* on natural population of walnut (*Juglans regia*) in eastern Transylvania. *International Journal of Horticultural Science* **13(4)**, 7-11. (**BIOSIS Previews, CAB Abstracts**)
30. **Balog, A.** and Markó, V. (2006): Studies on Rowe Beetles (Coleoptera: Staphylinidae) in orchards ecosystems. *Journal of Fruit and Ornamental Plant Research* **14 (3)**, 149-159. (**ISI Thomson Master Journal List – Fîrâ factor de impact, BIOSIS Previews, CAB Abstracts, index Copernicus**).
31. **Balog A.:** Similarity studies on rove beetles (Coleoptera: Staphylinidae) in differently treated apple orchards. *SATU MARE STUDII SI COMUNICARE SERIA STIINTELE NATURALE*. pp. 25-30, 2006. (**ISI Thomson Master Journal List – Fîrâ factor de impact**).
32. Ravasz, M., **Balog, A.**, Markó, V. and Nédá, Z. (2005): The Species Abundances Distribution in a new perspective, preprint **Los Alamos National Laboratory, USA. Quantitative Biology, Populations and Evolution. arXiv.org > q-bio > arXiv:0803.3704. (Los Alamos National Laboratory database)**
33. **Balog A.**, Markó V., Ádám L.: Magyarországi alma és körteültetvények gyakori holyva (Coleoptera: Staphylinidae) fajai. *NÖVÉNYVÉDELEM* **41 (8)**, 355-362, 2005 (**BIOSIS Previews, CAB Abstracts**). Apare numai abstractul de limba engleză.
34. **Balog A.**, Markó V.: Magyarországi alma és körteültetvények holyva együtteseinek (Coleoptera: Staphylinidae) élőhely preferenciája. *NÖVÉNYVÉDELEM* **41 (10)**, 453-460, 2005 (**BIOSIS Previews, CAB Abstracts**). Apare numai abstractul de limba engleză.

35. Kutasi, Cs., **Balog, A.** and Markó, V. (2004): Species Composition of Ground Dwelling Carabid (Coleoptera: Carabidae) Communities in Apple and Pear Orchards. *Acta Phytopathologica et Entomologica Hungarica* **39(1-3)**, 71-89. **(ISI Thomson Master Journal List – Fîrâ factor de impact, BIOSIS Previews, CAB Abstracts, index Copernicus)**
36. **Balog, A.**, Markó, V., Kutasi, Cs. and Ádám, L. (2003): Species Composition of Ground Dwelling Staphylinid (Coleoptera: Staphylinidae) Communities in Apple and Pear Orchards. *Acta Phytopathologica et Entomologica Hungarica* **38(1-2)**, 181-198. **(ISI Thomson Master Journal List – Fîrâ factor de impact, BIOSIS Previews, CAB Abstracts, index Copernicus)**
37. Máthé, I., Urák, I., **Balog, A.** and Balázs, E. (2003): The community structure of the ground dwelling carabid beetles (Coleoptera: Carabidae) and spiders (Arachnida: Araneae) in peat bog “Mohos” (Transylvania, Romania). *Entomologica Romanica* **8**, 95-102. **(ISI Thomson Master Journal List, CAB Abstracts, index Copernicus)**
38. Kutasi, Cs., **Balog, A.** and Markó, V. (2001): Ground dwelling Coleopteran fauna of commercial apple orchards in Integrated Fruit Production. *IOBC-WPRS Bulletin* **24(5)**, 215-219. **(ISI Thomson Master Journal List – Fîrâ factor de impact, BIOSIS Previews, CAB Abstracts, index Copernicus)**

**C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).**

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**C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale).**

39. **Balog A.:** A környezettudatosság mint erkölcsi kérdés, *KORUNK*, 2007/5, pp. 90-94. <http://epa.oszk.hu/00400/00458/00125/3184.html> **(CNCSIS B+)**
40. Neda Z., Ravasz M., **Balog A.:** Species Abundance Distribution in a Neutral Community model. *STUDIA UNIVERSITATIS BABES-BOLYAI PHYSICA*, L, 2, pp. 63-79, 2005 <http://www.studia.ubbcluj.ro/arhiva/cuprins> **(CNCSIS B+)**
41. **Balog A.:** A 20. század ökológiai irányzatai, *KORUNK*, 2005/4, pp 50-54. <http://epa.oszk.hu/00400/00458/00125/3170.html> **(CNCSIS B+)**
42. **Balog, A.** (1999): *Omalius imitator* Luze 1996 (Coleoptera: Staphylinidae, Omaliinae), a Rare Species in Romanian Fauna. *Studia Universitatis Babes-Bolyai Physica Biologia XLIV* **1-2**, 79-81. **(CNCSIS B+)**
43. **Balog A.:** Cercetările Ecologice de Lungă Durată (Long Term Ecological Research), scopuri și rezultate. *ENVIRONMENT & PROGRESS* **4/2005**, pp. 37-40. **(CNCSIS B+)**
44. **Balog A.:** Cercetări faunistice asupra unor familii de coleoptere (Coleoptera: Staphylinidae, Scarabaeidae, Cerambycidae, Chrysomelidae) din rezervația botanică Suatu I, Județul Cluj) Faunistical researches concerning some coleopteran families

- (Coleoptera: Staphylinidae, Scarabaeidae, Cerambycidae, Chrysomelidae) from Botanical Reservation Suatu I, Cluj-Romania. BUL. INF. SOC. LEPID. ROM, vol 9(1-4), Cluj-Napoca, 1998, pp. 109-118. **(CNCSIS C)**
45. **Balog A.:** *Olophrum alpinum* (Heer 1839) o specie puțin cunoscută din fauna României. (Coleoptera: Staphylinidae, Omaliinae) / *Olophrum alpinum* (Heer 1839) one insufficient-known species from Romanian fauna (Coleoptera: Staphylinidae, Omaliinae). BUL. INF. SOC. LEPID. ROM, vol 9(1-4), Cluj-Napoca, 1998, pp. 117-118. **(CNCSIS C)**
  46. **Balog A.:** *Omalius cinamomeus* (Kraatz 1858) în fauna României (Coleoptera: Staphylinidae, Omaliinae) / *Omalius cinamomeus* (Kraatz 1858) in Romanian fauna (Coleoptera: Staphylinidae, Omaliinae). BUL. INF. SOC. LEPID. ROM, vol 9(1-4), Cluj-Napoca, 1998, pp. 259-260. **(CNCSIS C)**
  47. **Balog A.:** Contribuția entomologilor maghiari la cunoașterea faunei de coleoptere din Transilvania de la început până la 1913. I. / The hungarian entomologist contributions to the knowledge of coleopterological fauna from Transilvania from beginning to 1913. Part I. BUL. INF. SOC. LEPID. ROM, vol 10(1-4), Cluj-Napoca, 1999, pp.159-165. **(CNCSIS C)**
  48. **Balog A., Crișan A., Ruicănescu A.:** Cercetări faunistice asupra unor familii de coleoptere din zona localității Hotoan, județul Satu-Mare (Coleoptera: Scarabaeidae, Cerambycidae, Chrysomelidae) / Faunistical researches concerning some Coleopteran families from Hotoan (Romania, Satu-Mare county) area (Coleoptera: Scarabaeidae, Cerambycidae, Chrysomelidae). BUL. INF. SOC. LEPID. ROM, vol. 8(3-4), Cluj-Napoca, 1997, pp. 253-260. **(CNCSIS C)**
  49. **Balog A.:** Contribuții la cunoașterea faunei de coleoptere din sudul Dobrogei (Canaraua Feti, județul Constanța) Coleoptera: Scarabaeidae, Cerambycidae, Chrysomelidae și Buprestidae. STUDII ȘI CERCETĂRI (Șt Naturii), 4, 1998, Bistrița, pp. 261-267. **(CNCSIS C)**
  50. Nyárádi I.I., **Balog A.:** A Föld ökológiai lábnyomának és biokapacitásának összehasonlítása és jelenlegi helyzete. Erdélyi Múzeum, ACTA TRANSYLVANICA 15/2, 2007. pp. 33-41.  
<http://www.eme.ro/servlet/eme/template/publications%20CPPaper.vm/paperid/359>
  51. Orbán I., Dániel L., Pápay B., **Balog A.:** Ragadozó rovarok (Coleoptera: Staphylinidae) táplálékpreferencia vizsgálata. Erdélyi Múzeum, ACTA TRANSYLVANICA, 14/2, 2006, pp. 79-84.  
<http://www.eme.ro/servlet/eme/template/publications%20CPPaper.vm/paperid/246>
  52. **Balog A., Markó V.:** Különböző kezelésben részesített magyarországi és nagy-britanniai almaültetvények hollyvaegyütteseinek (Coleoptera: Staphylinidae) vizsgálata. Erdélyi Múzeum, ACTA TRANSYLVANICA, 14/2, 2006, pp. 65-77.  
<http://www.eme.ro/servlet/eme/template/publications>
  53. **Balog A.:** Ragadozó és parazitoid hollyvafajok (Coleoptera: Staphylinidae) táplálékpreferenciája és predációs aktivitása agrár-ökoszisztémákban. ACTA

54. Urák I., Samu F., Máthé I., **Balog A.**: Aarchnológiai kutatások a Mohos tőzezlápban (Arachnological (Arachnida: Araneae) studies in Mohos (Mohoš) peat bog (Romania, Transylvania)) (in Hungarian). Acta Siculica 2010, 127–144.
55. **Balog A.**: Urbán entomológia. Erdélyi Múzeum Egyesület, MÚZEUMI FÜZETEK 12/2003, pp. 21-26. <http://www.eme.ro/servlet/eme/template/publications>
56. **Balog A.**: Kulturális Entomológia: Rovarokról más megközelítésből Erdélyi Múzeum Egyesület, MÚZEUMI FÜZETEK, 12/2003, pp. 11-20. <http://www.eme.ro/servlet/eme/template/publications%2CPPaper.vm/paperid/57>
57. **Balog A.**: Adatok a Görgényi havasok (Cserepeskö) cincérfaunájának ismeretéhez (Coleoptera: Cerambycidae). Erdélyi Múzeum Egyesület, MÚZEUMI FÜZETEK, 8/1999, pp. 146-150. <http://www.eme.ro/servlet/eme/template/publications>

#### **C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior**

#### **C6. Lucrări științifice publicate în volumele manifestărilor științifice Manifestări științifice internaționale (in extenso)**

58. Szabolcs Horvát, Zoltán Néma, Hajnalka Mária Tohati, Aranka Derzsi, **Adalbert Balog** (2008): A Spatially Explicit Macroecological Model. II Transylvanian Summer School, International Workshop on Stochastic Phenomena. 26-31 May, Babeş-Bolyai University, Cluj-Napoca, Romania.
59. Thiesz R., **Balog A.**, Kentelky E., Koronka I.M.: The effect of some foliar fertilizers on the frequency and on the intensity of the blister rust attack (*Cronartium ribicola* Fischer D. W.) on blackcurrant culture under the conditions of the lack of control treatments. In: AGRICULTURA DURABILĂ – AGRICULTURA VIITORULUI” Ediția a III-a, 22-23. 11. 2007. pp. 355-361.
60. Thiesz R., **Balog A.**, Kentelky E., Bandi A.: Studies of physical characteristics on natural population of walnut (*Juglans regia*) fruits in Eastern Transylvania. In: AGRICULTURA DURABILĂ – AGRICULTURA VIITORULUI” Ediția a III-a, 22-23 11. 2007. pp. 362-369.
61. Thiesz R., Koronka I.M., **Balog A.**: A ribiszkeroszda (*Conartium ribicola*) fertőzési intenzitásának vizsgálata különböző lombtrágyákkal kezelt fekete ribiszke állományban. In: XII. Plant Protection Symposium, Debrecen University, Center of Agricultural Science, 2007. 11. 17-18. pp. 67-74. <http://www.agr.unideb.hu/novved/ttnvf/program2007-12.TNF.pdf>
62. **Balog A.**, Néma Z., Derzsi A., Markó V.: One neutral model in species abundance distribution of arthropods in agro ecosystems. In: XI International Plant Protection Symposium, Debrecen University, Center of Agricultural Science, 2006. 11. 18-19. pp. 117-127. <http://www.agr.unideb.hu/events/ttnvf/programme2006.doc>.

63. **Balog A.**, Markó V.: Holyva együttesek (Coleoptera: Staphylinidae) közösségszerkezeti vizsgálata különböző kezelésben részesített szőlőültetvényekben. In: X. Plant Protection Symposium, Debrecen University, Center of Agricultural Science, 2005. 11. 18-20. <http://www.agr.unideb.hu/novved/ttnvf/proceedings/Proceedings2005.pdf> pp 361-370.
64. **Balog A.**, Markó V., Kutasi Cs.: Holyva együttesek (Coleoptera: Staphylinidae) dominancia és rajzásdinamikai vizsgálata magyarországi alma- és körteültetvényekben. In: IX. Plant Protection Symposium, Debrecen University, Center of Agricultural Science, 2004. 10. 20-21, pp. 313-326. <http://www.agr.unideb.hu/novved/ttnvf/proceedings/Tartalom2004eng.pdf>
65. Mikulás, J., Kutasi, Cs., Markó, V., **Balog, A.**: Auswirkung unterschiedlicher Weinbergsbewirtschaftung auf die Fauna. (Effects of different cultivation techniques on vineyard fauna.) In: 10th International Conference on Cultivation Technique and Phytopathological Problems in Organic Fruit-Growing and Viticulture, February Weinsberg/Germany, 2002, pp. 168-174. (**This article indexed in: Biological Abstracts, BIOSIS Previews, CAB Abstracts, Chemical Abstracts, Elsevier GEO Abstracts, SCOPUS, Zoological Abstracts**).
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#### **E. Editare, coordonare de volume**

Acta Transylvanica vol. 3/2008

Acta Sapientia, Agriculture and Environment 1/2009, 2/2010, 3/2011, 4/2012

#### **F. Invenții.**

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#### **G. Contracte de cercetare INTERNAȚIONALE (menționați calitatea de director sau membru)**

1. **Director de proiect:** "Behavioural ecology of the parasitoid rove beetles Aleochara bilineata and A. bipustulata (Coleoptera: Staphylinidae, Aleocharinae) associated with its host odours in genetically modified field corn (Zea mays)" **(2008/1881)**. 07/05/2008 - 07/06/2008 European Science Foundation, Behavioural Ecology of Insect Parasitoids - from theoretical approaches to field applications (BEPAR). [www.esf.org](http://www.esf.org). Franța.
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2. **Director de proiect:** „Relații plante-păduci-prădători la vetricea (*Tanacetum vulgare*) 2012 – 2014 Universitatea Sapientia – Fundația Sapientia, Institutul Programelor de Cercetare. [www.kpi.sapientia.ro](http://www.kpi.sapientia.ro).
3. **Membru:** „Macroecological neutral model studies - Makro-ökológiai neutrális modell vizsgálata” (1296/25.10.2005). 2005/10/01 – 2006/07/31 Universitatea Sapientia – Fundația Sapientia, **Director de proiect: Prof. Dr. Néda Zoltán**, [www.kpi.sapientia.ro](http://www.kpi.sapientia.ro).
4. **Membru:** „Macroecological model studies - „Makro-ökológiai skálatörvények modellezése” (14/2004-2005). 2004/10/01 – 2005/07/31 Universitatea Sapientia – Fundația Sapientia, **Director de proiect: Prof. Dr. Néda Zoltán**, [www.kpi.sapientia.ro](http://www.kpi.sapientia.ro).
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Premiul Academiei de Științe Maghiară pentru rezultatelor obținute în cercetare, 14.04.2008

## J. Citări

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