

Nickolas G. Kavallieratos

Biographical notes (including rank, brief description of your field and responsibilities, positions held over the last years, publications):

Lecturer of Agricultural Entomology and Acarology, Laboratory of Agricultural Zoology and Entomology, Department of Crop Science, Agricultural University of Athens, 75 Iera Odos str., 11855 Athens, Attica, Greece, (tel.: 2105294569, Fax: 2118001879, emails: nick_kavali@ana.gr, nick_kavali@hotmail.com)

Ph.D. Thesis

Agricultural University of Athens

Postdoctoral Thesis

Scholar of the State Scholarships Foundation, scientific section 001: Agricultural Sciences, sub-section: Agricultural Sciences 001.00, (Meeting 19th/27-09-2002) for postdoctoral research at the Agricultural University of Athens

P.C. Knowledge

Excellent knowledge of the MS Office for Windows, (Word, Excel, etc), multimedia, Internet and the statistical packages JMP and Statgraphics

Professional status - Professional experience

1996 - 1997. He worked in the research project entitled: "Integrated management of aphids and aphid transmitted viruses with the use of biotechnological methods and informatic telematic systems for the development of plant protection system and the production of propagation high quality propagation material", EPET II 453 (1/4/1996-31/12/1997) in the subjects of identification of aphids captured in Rothamsted suction trap and Moericke traps, aphids on self-shown plants, parasitoids on tomato and cotton cultivations and elaboration of the collected data.

2001-2002. During the winter semester of the Academic year 2001-2002 he taught the course Special topics in protection of industrial plants in the Department of Plant Production of T.E.I. of Larissa as scientific and laboratory associate.

2003 - 2004. During the 2nd semester of the Academic year 2003-2004 he taught the course General and Systematic Agricultural Entomology in the Department of Crop Science of Agricultural University of Athens as an adjunct lecturer.

2002-2005. After positive review from the Committee of Reviewing and Promotion, the Administrative Committee of Benaki Phytopathological Institute approved his election in the level of Researcher according to the decision of the no.III/12th Meeting/12.12.2001 since 01st/02/2002.

2005 - 2008: After positive review from the Committee of Reviewing and Promotion, the Administrative Committee of Benaki Phytopathological Institute approved his promotion in the level of Senior Researcher according to the decision of the no.III/7th Meeting/ 13/07/2005.

2008 - 2009. During the 8th semester of the Academic year 2008-2009 he taught the course Applied Entomology in the Department of Agriculture, Crop Production and Rural Environment of University of Thessaly as an adjunct lecturer.

2008 - 2013: After positive review from the Committee of Reviewing and Promotion, the Administrative Committee of Benaki Phytopathological Institute approved his promotion in the level of Associate Researcher according to the decision of the no.III/11th Meeting/ 19/11/2008.

2009 - 2014: Head of the Laboratory of Agricultural Entomology of the Department of Entomology and Agricultural Zoology of the Benaki Phytopathological Institute since 01/10/2009/ prot. no. 5276.

2011 - 2014: Director of the Department of Entomology and Agricultural Zoology of the Benaki Phytopathological Institute according to the decision of the no.IV/8th Meeting/ 14/09/2011.

2013-2014: After positive review from the Committee of Reviewing and Promotion, the Administrative Committee of Benaki Phytopathological Institute approved his promotion in the level of Head Researcher according to the decision of the no.II/6th Meeting/ 03/07/2013.

2014-today: Professor at the rank of Lecturer at the Department of Crop Science of the Agricultural University of Athens under the 7771/08.10.2013 Action of Rector which was published on 30.06.2014 in 820 (t. C) Official Government Gazette.

Review of scientific research interests

His scientific work includes basic and applied research in the following subjects:

- 1) Study of morphology, morphometry, systematics, zoogeography, phylogeny of the subfamily Aphidinae in Greece and internationally with descriptions of new species in science, redescription of species and genera and reviews.
- 2) Study of biodiversity, spatial distribution and seasonal occurrence of the subfamily Aphidinae in Greece and internationally.
- 3) Study of the systematics of Aphidinae parasitoids based on plants (cultivated, self-shown, weeds) in Greece and internationally.
- 4) Study of the tritrophic associations of parasitoids - aphids - plants (cultivated, self-shown, weeds) in Greece and internationally.
- 5) Study of the associations of parasitoids - aphids between cultivated and self-shown plants / weeds and between regions with different climatic conditions.
- 6) Evaluation of self-shown plants as reservoirs of aphid parasitoids for the biological control of aphids of economic importance in Greece and internationally.
- 7) Study of the associations of Aphidinae - their hyperparasitoids in Greece and internationally.
- 8) Study of the associations of predators - their parasitoids - their hyperparasitoids internationally.
- 9) Study of the biodiversity of the aphid fauna of Greece on cultivated plants, self-shown plants and weeds.
- 10) Study of the spatial distribution of aphids.

Other publications

He has 112 full papers or abstracts in proceedings of international and national congresses.

156. Trematerra, P., R. Ianiro, C. G. Athanassiou, and N. G. Kavalieratos 2015. Behavioral interactions between *Strophilus scammis* and *Tribolium castaneum*: the first colonizer matters. *Journal of Pest Science* (in press) (Impact Factor 2013 = 2.664, 5-years Impact Factor = 2.012)
157. Benelli, N. G., N. G. Kavalieratos, E. Donati, G. Giunti, C. Stefanini, A. Canale 2015. Singing on the wings! Male wing fanning performances affect female willingness to copulate in the aphid parasitoid *Lysiphlebus testaceipes* (Hymenoptera: Braconidae: Aphidinae). *Insect Science* (in press) (Impact Factor 2013 = 1.514, 5-years Impact Factor = 1.590)
158. Stary, P. E. Rakshani, Ž. Tomanović, N. G. Kavalieratos, A. Petrović, V. Žikić and J. Havelka 2014. Aphid-parasitoid associations on the *Impatiens* plants in Central Europe (Hemiptera, Aphididae; Hymenoptera, Braconidae, Aphidinae). *Journal of the Entomological Research Society* 16: 33-43. (Impact Factor 2013 = 0.347, 5-years Impact Factor = 0.310)
159. Petrović, A., M. Mitrović, A. Ivanović, V. Žikić, N. G. Kavalieratos, P. Stary, A. Mitrović Bogdanović, Ž. Tomanović, and C. Vorburger. 2015. Genetic and morphological variation in sexual and asexual parasitoids of the genus *Lysiphlebus* - an apparent link between wing shape and reproductive mode. *BMC Evolutionary Biology* 15 (5): 12 pp. (Impact Factor 2013 = 3.407, 5-years Impact Factor = 3.844)
160. Petrović, A., Ž. Tomanović, N. G. Kavalieratos, A. Mitrović Bogdanović, P. Stary and A. Ivanović 2014. Sexual dimorphism in the parasitoid wasps *Aphidius balcanicus*, *Aphidius rosae* and *Aphidius urticae* (Hymenoptera: Braconidae: Aphidinae). *Annals of the Entomological Society of America* 107: 1027-1032. (Impact Factor 2013 = 1.174, 5-years Impact Factor = 1.238)
162. Kavalieratos, N. G., C. G. Athanassiou and F. H. Arthur 2015. Efficacy of deltamethrin against stored-product beetles at short exposure intervals or on a partially treated grain mass. *Journal of Economic Entomology* (in press) (Impact Factor 2013 = 1.605, 5-years Impact Factor = 1.804)

Book chapters

163. Stary, P., E. Rakshani, Ž. Tomanović, N. G. Kavalieratos and J. Havelka 2014. Order Hymenoptera, family Braconidae: Aphid parasitoids of the Arabian peninsula (subfamily Aphidinae). In van Harten, T. (Ed.). *Arthropod fauna of the UAE 5*. Department of the President's Affairs, Abu Dhabi, pp. 407-425.
164. Athanassiou, C. G., P. Usha Rani and N. G. Kavalieratos 2014. The use of plant extracts for stored product protection. In Singh, D. (Ed.). *Advances in plant biopesticides*. Springer, 17 pp.

- 11) Study of the biodiversity, the seasonal occurrence and spatial distribution of insects infesting cotton.
- 12) Study of the biodiversity and the seasonal occurrence of insects infesting citrus.
- 13) Study of the biodiversity and the seasonal occurrence of parasitoids.
- 14) Study of the biodiversity, the behavior and spatial distribution of predators.
- 15) Study of the biodiversity and the seasonal occurrence of stored products pests (insects, mites).
- 16) Study of the biodiversity and the seasonal occurrence of stored products predaceous mites.
- 17) Integrated Management of stored products pests (insects, mites) with the use of natural, biological (entomopathogenic fungi, entomopathogenic nematodes) and chemical means.
- 18) Study of semiochemicals and other related substances which assess the behavior of stored products insect pests.
- 19) Study of the biodiversity and the seasonal occurrence of Lepidoptera and Hymenoptera of economic importance.
- 20) Integrated Management of cotton insect pests with the use of chemical and biotechnic and chemical means.
- 21) Evaluation of the factors affecting the capture of Lepidoptera and Hymenoptera in pheromone traps such as trap type, type of the pheromone dispenser, trap color, trap height, trap location, pheromone dose, dispenser aging, secondary pheromone components for the integrated management of Lepidoptera and Hymenoptera of economic importance.
- 22) Evaluation in the field of chemicals that constitute ingredients of pheromones for the integrated management of Lepidoptera and Hymenoptera of economic importance.
- 23) Study of the interactions of pheromones for the integrated management of Lepidoptera of economic importance.

Research programs

1) Head

- 2006 - 2008. Competitiveness (EPAN), measure 4.3., action 4.3.6.1. Bilateral Research and Technology program between Greece and Poland
Title of project: Aphid parasitoids (Hymenoptera: Braconidae: Aphidinae): diversity of trophic associations and their role in agroecosystems
Contribution: General Secretariat for Research and Technology, Ministry of Development
- 2007 - 2008. Title of project: Landscape and regional context of insect agrobiodiversity in Southeastern Europe: a pilot survey of selected hemipteran pests, their parasitoids and predators, and bee pollinator diversity' (SEE-ERA.NET of the EU, Ref. Nr 06-1000031-9608)
In the above program the following countries were participated: Greece, Serbia, Montenegro, Slovenia, Germany
Head of the Greek team: N. G. Kavalieratos (Benaki Phytopathological Institute)
Coordinator: Ž. Tomanović (University of Belgrade)
Contribution: EU

The above proposal took the 17th position among 321 reviewed proposals in 380 totally submitted proposals.

- 2003.** Title of project: Control of *Palpita unionalis* (Hübner) (Lepidoptera: Pyralidae)
Contribution: Ministry of Agriculture: General Directorate of Plant Produce Protection, Directorate of Plant Produce Production, Prefecture Authority of Eastern Attica
- 2005 - 2006.** Title of project: Control of stored products insects
Contribution: Ministry of Rural Development and Food: General Directorate of Plant Produce Protection, Directorate of Plant Produce Production, Prefecture Authority of Western Attica
- 2003 - 2005.** Title of project: Uncultivated plants as reservoirs of parasitoids (Hymenoptera: Braconidae: Aphelinidae) for citrus cultivation
Contribution: Benaki Phytopathological Institute
- 2006 - 2008.** Title of project: Evaluation of the insecticidal efficacy of several natural insecticides against stored products insects
Contribution: Benaki Phytopathological Institute
- 2006 - 2009.** Title of project: Evaluation of the insecticidal effect of *Heterorhabditis bacteriophora*, *Steinernema feltiae* and *Steinernema carpocapsae* against *Sitophilus oryzae*, *Tribolium confusum*, *Rhyzopertha dominica*, *Prostephanus truncatus* and *Ephestia kuehniella*
Contribution: Benaki Phytopathological Institute
- 2009 - 2012.** Title of project: Evaluation of the efficiency and adherence ratio of diatomaceous earth and spinosad in various wheat varieties against various stored product insect pests
Contribution: Benaki Phytopathological Institute
- 2009 - 2012.** Title of project: Evaluation of the insecticidal efficacy of spinosad, fipronil and abamectin against stored-products insect pests
Contribution: Benaki Phytopathological Institute
- 2010 - 2013.** Title of project: Control of *Prostephanus truncatus*, *Tribolium confusum* and *Rhyzopertha dominica* with the use of insect growth regulators
Contribution: Benaki Phytopathological Institute
- 2010 - 2013.** Title of project: Evaluation of the insecticidal efficacy of chlorfenvapir against stored product insect pests
Contribution: Benaki Phytopathological Institute
- 2011 - 2013.** Competitiveness (EPAN-II). Joint Research and Technology program between Greece and Turkey
Title of project: Molecular and ecological diversity of aphid parasitoids (Hymenoptera: Braconidae: Aphelinidae) in agroecosystems of Greece and Turkey

Sitophilus oryzae and *Tribolium confusum* on stored grains under laboratory tests. *Journal of Pest Science* 87: 469-483. (Impact Factor 2012 = 2,174, 5-years Impact Factor = 1,701)

- 148.** Tomanović, Ž., A. Petrović, M. Mitrović, N. G. Kavallieratos, P. Starý, E. Rakshani, M. Rakshaniipour, A. Popović, Alkasm H. Shkshuk and A. Ivanović **2014**, Molecular and morphological variability within the *Aphidius colemani* group with redescription of *Aphidius platensis* Brethes (Hymenoptera: Braconidae: Aphelinidae). *Bulletin of Entomological Research* 104: 552-565. (Impact Factor 2013 = 1,895, 5-years Impact Factor = 1,962)
- 149.** Benelli, G., N. G. Kavallieratos, E. Donati, M. Mencattelli, G. Bonsignori, C. Stefanini, A. Canale and R. H. Messing **2014**, May the wild male lose? Male wing fanning performances and mating success in wild and mass-reared strains of the aphid parasitoid *Aphidius colemani* Viereck (Hymenoptera: Braconidae: Aphelinidae). *BioControl* 59: 487-500. (Impact Factor 2013 = 2,253, 5-years Impact Factor = 2,503)
- 150.** Starý, P., E. Rakshani, V. Žikić, N. G. Kavallieratos, B. Lavandero, and Ž. Tomanović **2014**, Altitudinal zonation of aphid parasitoids (Hymenoptera: Braconidae: Aphelinidae) in the Neotropical region. *Entomological News* 124: 86-97. (Impact Factor 2013 = 0,442, 5-years Impact Factor = 0,356)
- 151.** Saša S. Stanković, A. Petrović, Marijana Ilić Milošević, P. Starý, N. G. Kavallieratos, V. Žikić and Ž. Tomanović **2015**, Morphological and molecular characterization of the common European *Adelius* species (Hymenoptera: Braconidae: Aphelinidae) based on the mtCOI barcoding gene and geometric morphometrics of forewings. *European Journal of Entomology* 112: 165-174. (Impact Factor 2013 = 1,076, 5-years Impact Factor = 1,267)
- 152.** Satar, S., G. Satar, M. Karacaoğlu, N. Uygun, N. G. Kavallieratos, P. Starý and C. G. Athanassiou **2014**, *Journal of Insect Science* 14 (178): 6 pp. (Impact Factor 2013 = 0,921, 5-years Impact Factor = 1,266)
- 153.** Athanassiou, C. G., N. G. Kavallieratos, J. E. Throne and C. T. Nakas **2014**, Competition among species of stored-product psocids (Psocoptera) in stored grain *Plas One* 9 (8) e102867. (Impact Factor 2013 = 3,534, 5-years Impact Factor = 4,015)
- 154.** Benelli, G., R. H. Messing, M. G. Wright, G. Ginnit, N. G. Kavallieratos and A. Canale **2014**, Cues triggering mating and host-seeking behavior in the aphid parasitoid *Aphidius colemani* (Hymenoptera: Braconidae: Aphelinidae): implications for biological control. *Journal of Economic Entomology* 107: 2005-2022. (Impact Factor 2013 = 1,605, 5-years Impact Factor = 1,804)
- 155.** Athanassiou, C. G., N. G. Kavallieratos, and F. A. Luzzani **2014**, Insecticidal effect of Kcepdy® for the control of *Sitophilus oryzae* (L.) (Coleoptera: Curculionidae) and *Rhyzopertha dominica* (F.) (Coleoptera: Bostrychidae) on wheat under laboratory conditions. *Journal of Stored Products Research* 59: 133-139. (Impact Factor 2013 = 1,494, 5-years Impact Factor = 1,598)

139. Mitrović, M., A. Petrović, N. G. Kavallieratos, P. Stary, O. Petrović-Obradović, Ž. Tomanović and C. Vorburger 2013. Geographic structure with no evidence for host-associated lineages in European populations of *Lysiphlebus testaceipes*, an introduced biological control agent. *Biological Control* 66: 150-158. (Impact Factor 2012 = 1,917, 5-years Impact Factor = 2,290)
 140. Alikhani, M., A. Rezvani, P. Stary, N. G. Kavallieratos and E. Rakhshani 2013. Aphid Parasitoids (Hymenoptera: Braconidae: Aphidinae) on cultivated and non cultivated areas of Markazi province, Iran. *Biologia* 68: 966-973. (Impact Factor 2012 = 0,506, 5-years Impact Factor = 0,604)
 141. Plečaš, M., V. Gagić, M. Janković, O. Petrović-Obradović, N. G. Kavallieratos, Ž. Tomanović, C. Thies, T. Tschamke and A. Četković 2014. Landscape composition and configuration influence cereal aphid-parasitoid-hyperparasitoid interactions and biological control differentially across years. *Agriculture Ecosystems and Environment* 183: 1-10. (Impact Factor 2012 = 2,859, 5-years Impact Factor = 3,673)
 142. Kavallieratos, N. G., C. G. Athanassiou, M. M. Aounala and D. C. Kontodinos 2014. Evaluation of the entomopathogenic fungi *Beauveria bassiana*, *Metarhizium anisopliae* and *Isaria fumosorosea* for control of *Stilpnus oryzae*. *Journal of Food Protection* 77: 87-93. (Impact Factor 2012 = 1,832, 5-years Impact Factor = 2,175)
 143. Tzemaetra, P., C. G. Athanassiou, A. Sciaretta, N. G. Kavallieratos and C. Th. Buchelos 2013. Efficacy of the auto-confusion system for mating disruption of *Ephestia kuehniella* (Zeller) and *Plodia interpunctella* (Hübner). *Journal of Stored Products Research* 55: 90-98. (Impact Factor 2012 = 1,347, 5-years Impact Factor = 2,046)
 144. Athanassiou, C. G., Kavallieratos, N. G., F. H. Arthur and J. E. Throne 2014. Residual efficacy of chlorfentyr for control of stored-product psocids (Psocoptera). *Journal of Economic Entomology* 107: 854-859. (Impact Factor 2012 = 1,600, 5-years Impact Factor = 1,781)
 145. Havelka, J., Ž. Tomanović, K. Kós, N. G. Kavallieratos, J. Jameček, X. Pons, E. Rakhshani, and P. Stary 2014. Mountain aphid and parasitoid guilds on *Aconitum* spp. in Europe (Hymenoptera: Aphididae; Hymenoptera: Braconidae; Aphidinae). *Bulletin of Insectology* 67: 57-61. (Impact Factor 2012 = 0,375, 5-years Impact Factor = 0,440)
 146. Baraloei, H., E. Rakhshani, E. Nader, P. Stary, N. G. Kavallieratos, Ž. Tomanović and M. Mehparvar 2014. Checklist of Aphidinae parasitoids (Hymenoptera, Braconidae, Aphidinae) and their host aphid associations in Iran. *Journal of Crop Protection* 3: 199-232.
 147. Athanassiou, C. G. and N. G. Kavallieratos 2014. Evaluation of spinetoram and spinosad for control of *Prostephanus truncatus*, *Rhyzopertha dominica*
- Contribution: General Secretariat for Research and Technology, Ministry of Education, Lifelong Learning and Religious Affairs
- 2010 - 2011. Title of project: Laboratory examinations for the detection of *Meloidogyne* spp. in soil samples
Contribution: Agrolab
- 2011 - 2012. Title of project: Study of resistance of potato varieties and efficacy of chemical active ingredients against the plant parasitic nematodes *Globodera pallida* and *G. rostochiensis* in the frame of program "Integrated management of pests, diseases and weeds and advisory fertilization of potato culture in the county of Drama with emphasis in the broader region of K. Nevrokopi"
Contribution: National Agricultural Research Foundation - Plant Protection Institute of Thessaloniki
2012. Title of project: Laboratory examinations for the detection, counting and identification of *Meloidogyne* spp. in soil samples
Contribution: Bayer
2012. Title of project: Evaluation of the method of mating disruption with the use of RAK, against *Lobesia botrana* Denis and Schiffmüller (Lepidoptera: Tortricidae)
Contribution: BASF
2013. Title of project: Laboratory examinations for the detection, counting and identification of *Meloidogyne* spp. and *Globodera* spp. in soil samples
Contribution: Anadiag Hellas L.T.D.
2014. Title of project: Evaluation of Gelsura against *Bactrocera oleae* (Rossi) (Diptera: Tephritidae)
Contribution: BASF
- 2014-2017. Title of project Innovative eco friendly traps for the control of Pine Lepidoptera in urban and recreational places" (LIFE13 ENV/ES/000504 - LIFE PLSA)
Coordinator: Santiago Gálvez Sotter (Instituto Tecnológico del Plástico)
Contribution: EU
- II) Member of the scientific team
- 1996 - 1997. Title of project: Aphids and aphid transmitted viruses" (EPET II 453)
Head: D. P. Lykourassis (Agricultural University of Athens)
Contribution: General Secretariat for Research and Technology, Ministry of Development
- 2002 - 2005. Title of project: Sustainable control of Lepidopterous pests in olive groves-integration of egg parasitoids and pheromones" (TRIPHELLO of EU, Contract number: ICA4-CT2001-10004)
Head: B. E. Mazomenos (N. C. S. R. "Demokritos")

Contribution: EU

2006 - 2008. Competitiveness (EPAN), measure 4.3., action 4.3.6.1. Bilateral Research and Technology program between Greece and Egypt
Title of project: A study of the efficacy of ozone as environmental friendly disinfection fumigant for stored grains protection alternative to Methyl Bromide, Carbon Dioxide, Phosphine and other environmental toxicants
Head: C. G. Athanassiou (Agricultural University of Athens)
Contribution: General Secretariat for Research and Technology, Ministry of Development

2007 - 2008. Title of project: Development of a non-toxic, ecologically compatible, natural resource based insecticide from diatomaceous earth deposits of South Eastern Europe to control stored-product insect pests (SEE-ERA.NET of the EU, Ref. Nr 06-1000031-9902)
In the above program the following countries were participated: Greece, Serbia, Montenegro, Slovenia, Germany
Coordinator: C. G. Athanassiou (Agricultural University of Athens)
Contribution: EU

The above proposal took the 2nd position among 321 reviewed proposals in 380 totally submitted proposals.

2007 - 2009. Title of project: Phylogeny and classification of the subtribe Lysiphebiina (Hymenoptera: Braconidae: Aphelininae) based on the molecular and morphological data
Head: E. Rakhshani (Zabol University, Islamic Republic of Iran)
Contribution: Ministry of Science, Research and Technology, Islamic Republic of Iran (Ref. Nr 87/030/931)

2008 - 2010. Title of project: Evaluation of the acaricidal efficacy of spinosad against *Tyrophagus putrescentiae* (Shrank) (Astigmata: Acaridae) and *Cheyletus malaccensis* Oudemans (Prostigmata: Cheyletidae)
Head: E. Kapaxidi (Benaki Phytopathological Institute)
Contribution: Benaki Phytopathological Institute

2009 - 2013. Title of project: Evaluation of the impact of the Exosex SPTab Auto-Confusion System, Diatomaceous Earth in combination with low doses of deltamethrin and various insecticide formulations against stored-product insect pests.
Head: C. G. Athanassiou (University of Thessaly)
Contribution: Research Committee of the University of Thessaly

2009 - 2013. Title of project: Evaluation of the method of mating disruption with the use of RAK 3, against *Cydia pomonella* (Lepidoptera: Tortricidae)
Head: C. G. Athanassiou (University of Thessaly)
Contribution: Research Committee of the University of Thessaly

2009 - 2014. Evaluation of mating disruption for the control of stored product Pyralidae

131. Kavallieratos, N. G., Ž. Tomanović, A. Petrović, M. Janković, P. Starić, M. Yovkova and C. G. Athanassiou 2012. Review and key for the identification of parasitoids (Hymenoptera: Braconidae: Aphelininae) of aphids infesting herbaceous and shrubby ornamental plants in southeastern Europe. *Annals of the Entomological Society of America* 106: 294-309. (Impact Factor 2011 = 1.317, 5-years Impact Factor = 1.382)

132. Žikić, V., Ilić, M., Stanković, S. S., Petrović, A., Petrović-Obradović O., Kavallieratos N., Starić P. and Ž. Tomanović 2012. Aphelininae (Braconidae: Hymenoptera) of Serbia and Montenegro - tritrophic interactions. *Acta Entomologica Serbica* 17: 83-105.

133. Baraboei, H., E. Rakhshani, S. M. Madjidzadeh, A. Alipour, S. Taheri, E. Nader, A. Mitrovski Bogdanović, O. Petrović-Obradović, P. Starić, N. G. Kavallieratos and Ž. Tomanović 2013. Aphid parasitoid species (Hymenoptera: Braconidae: Aphelininae) of central submountains of Iran. *North-West Journal of Zoology* 9: 70-93. (Impact Factor 2011 = 0.747)

134. Kavallieratos, N. G., C. G. Athanassiou and M. C. Boukovala 2013. Insecticidal effect of chlorantraniliprole against major stored product insect pests in different grain commodities under laboratory tests. *Pest Management Science* 69: 1141-1154. (Impact Factor 2011 = 2.251, 5-years Impact Factor = 2.545)

135. Athanassiou, C. G., Kavallieratos, N. G., Arthur, F. and J. E. Throne 2013. Efficacy of a combination of beta-cyfluthrin and imidacloprid and beta-cyfluthrin alone for control of stored-product insects on concrete. *Journal of Economic Entomology* 106: 1064-1070. (Impact Factor 2011 = 1.699, 5-years Impact Factor = 1.709)

136. Trematerra, P., Ianniro, R., Athanassiou, C. G. and N. G. Kavallieratos 2013. Behavioral responses of *Stiophilus zeamais* Motschulsky adults to conditioned grain kernels. *Journal of Stored Products Research* 106: 1064-1070. (Impact Factor 2011 = 1.414, 5-years Impact Factor = 1.722)

137. Athanassiou, C. G., N. G. Kavallieratos, E. Evergetis, A. M. Katsoula and S. A. Haroutounian 2013. Insecticidal efficacy of silica gel with *Juniperus oxycedrus* ssp. *oxycedrus* (Pinales: Cupressaceae) essential oil against *Stiophilus oryzae* (Coleoptera: Curculionidae) and *Tribolium confusum* (Coleoptera: Tenebrionidae). *Journal of Economic Entomology* 106: 1902-1910. (Impact Factor 2012 = 1.600, 5-years Impact Factor = 1.781)

138. Starić, P., N. G. Kavallieratos, A. Petrović, V. Žikić, E. Rakhshani, S. Tomanović, Ž. Tomanović and J. Havelka 2014. Interference of field evidence, morphology and DNA analyses of three related *Lysiphebius* aphid parasitoids (Hymenoptera: Braconidae: Aphelininae). *Journal of Insect Science* 14 (171): 6 pp. (Impact Factor 2012 = 0.875, 5-years Impact Factor = 1.134)

Entomologique de France 48: 189-198. Impact Factor 2011 = 0.537. 5-years Impact Factor = 0.656)

123. Kavalieratos, N. G., C. G. Athanassiou, F. H. Arthur and J. E. Throne 2012. Lesser grain borers, *Rhyzopertha dominica*, select rough rice kernels with cracked hulls for reproduction. *Journal of Insect Science* 12 (38): 7 pp. (Impact Factor 2011 = 0.947. 5-years Impact Factor = 1.195)
124. Havelka, J., Ž. Tomanović, N. G. Kavalieratos, E. Rakshani, X. Pons, K. S. Pike, P. Stary 2012. Review and key to the world parasitoids (Hymenoptera: Braconidae: Aphelinidae) of *Aphis ruborum* (Hemiptera: Aphididae) and its role as a host reservoir. *Annals of the Entomological Society of America* 105: 386-394. (Impact Factor 2011 = 1.317. 5-years Impact Factor = 1.382)
125. Tomanović, Ž., K. Kos, A. Petrović, P. Stary, N. G. Kavalieratos, V. Žikić, J. Jakšić, S. Trdan and Ana Ivanović 2012. The relationship between molecular variation and variation in the wing shape of three aphid parasitoid species: *Aphidius uzbekistanicus* Lushchitzki, *Aphidius rhopalosiphii* De Stefani Perez and *Aphidius avenae* (Fitch) (Hymenoptera: Braconidae: Aphelinidae). *Zoologischer Anzeiger* 252: 41-47. (Impact Factor 2011 = 1.415. 5-years Impact Factor = 1.600)
126. Kavalieratos, N. G., C. G. Athanassiou, B. J. Vayias and Ž. Tomanović 2012. Efficacy of insect growth regulators as grain protectants against two stored-product pests in wheat and maize *Journal of Food Protection* 75: 942-950. (Impact Factor 2010 = 1.937. 5-years Impact Factor = 2.011)
127. Rakshani, E., S. Kazemzadeh, P. Stary, H. Barahoci, N. G. Kavalieratos, A. Četković, A. Popović, I. Bodlah and Ž. Tomanović 2012. Parasitoids (Hymenoptera: Braconidae: Aphelinidae) of northeastern Iran: aphid-aphid-plant associations, key and description of a new species. *Journal of Insect Science* 12 (143): 26 pp. (Impact Factor 2011 = 0.947. 5-years Impact Factor = 1.195)
128. Kavalieratos, N. G., C. G. Athanassiou, A. E. Mpasoukou, F. D. Mpakou, Ž. Tomanović, T. B. Manessioti and S. Ch. Papadopoulou 2012. Bioassays with diatomaceous earth formulations: effect of species co-occurrence, size of vials and application technique. *Crop Protection* 42: 170-179. (Impact Factor 2011 = 1.402. 5-years Impact Factor = 1.596)
129. Žikić, V., S. S. Stanković, M. Ilić and N. G. Kavalieratos 2012. Braconid parasitoids (Hymenoptera: Braconidae) on poplars and aspen (*Populus* spp.) in Serbia and Montenegro. *North-West Journal of Zoology* 9: 264-275. (Impact Factor 2011 = 0.747)
130. Kos, K., S. Trdan, A. Petrović, P. Stary, N. G. Kavalieratos, O. Petrović Obradović and Ž. Tomanović 2012. Aphelinidae (Hymenoptera, Braconidae, Aphidinae) from Slovenia, with description of a new *Aphidius* species. *Zootaxa* 3456: 36-50. (Impact Factor 2011 = 0.927. 5-years Impact Factor = 0.928)

Head: C. G. Athanassiou (University of Thessaly)
Contribution: Research Committee of the University of Thessaly

2009 - 2010. Title of project: Record of species of the order Psocoptera infesting stored products in Greece. Application of alternative and classic methods for their control
Head: S. Papadopoulou (T.E.I. of Thessalonica)
Contribution: Research Committee of the T.E.I. of Thessalonica

2009 - 2013. Title of project: Evaluation of various insecticides and pyrimiphos-methyl (formulations for the control of stored-product insect species)
Head: C. G. Athanassiou (University of Thessaly)
Contribution: Research Committee of the University of Thessaly

2010 - 2013. Title of project: Biology and control of psocid pests of stored products
Head: J. Throne (Stored Product Insect Research Unit, Center for Grain and Animal Health Research, Manhattan, Kansas, USA)
Contribution: United States Department of Agriculture

2010 - 2012: Title of project: Host specialization of aphid parasitoids [SCOPES (IZ73Z0_128174)]
Head: C. Vorburger (Institute of Integrative Biology, Switzerland). In the above program the following countries participate: Switzerland, Serbia, Greece, Czech Republic
Contribution: Swiss National Science Foundation

2011 - 2013. Competitiveness (EPAN-II). Joint Research and Technology program between Greece and Turkey
Title of project: Evaluation of ozone and propylene oxide for Quarantine and Pre-shipment Treatments, as alternatives to Methyl Bromide and other environmental toxicants
Head: C. G. Athanassiou (University of Thessaly)
Contribution: General Secretariat for Research and Technology, Ministry of Education, Lifelong Learning and Religious Affairs

2010 - 2012. Title of project: Innovative precision technologies for optimized irrigation and integrated crop management in a water-limited agrosystem (LIFE08 ENV/GR/000570/HydroSense)
Head: S. Stamatiadis, Gaia Centre of Goulandris Natural History Museum
Contribution: European Union

2011 - 2014. Title of project: Agrobiodiversity and land-use change in Serbia: an integrated biodiversity assessment of key functional groups of arthropods and plant pathogens (III43001)
Head: Ž. Tomanović (University of Belgrade). In the above program the following countries participate: Serbia, Greece, Germany, Sweden, Czech Republic
Contribution: Ministry of Education and Science, Republic of Serbia

2012 - 2014. Competitiveness (EPAN-II). Joint Research and Technology program between Greece and Romania

Title of project: Development of diatomaceous earth-based formulations from natural deposits from Greece and Romania, for stored-product protection against insects and mycotoxins

Head: C. G. Athanassiou (University of Thessaly)

Contribution: General Secretariat for Research and Technology, Ministry of Education, Lifelong Learning and Religious Affairs

2012-2014. Title of project: Evaluation of RAK 3, against *Cydia pomonella* in the area of Zagora

Head: C. G. Athanassiou (University of Thessaly)

Contribution: BASF

2012-2015. Title of project: Comparison of new insecticides against *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae).

Head: C. G. Athanassiou (University of Thessaly)

Contribution: BASF

2013. Title of project: Ecology, Genomics, and Management of Stored Product Insects

Head: J. Campbell (Stored Product Insect Research Unit, Center for Grain and Animal Health Research, Manhattan, Kansas, USA)

Contribution: United States Department of Agriculture

International and national recognition

1) He has published 275 research papers from which 146 are published in peer reviewed journals.

2) He has > 2000 heterocitations.

3) He has reviewed > 232 research papers.

4) He has reviewed 7 (seven) proposals of a research programs.

5) He has reviewed applications for postgraduate studies.

6) On 02/10/2001 he received a letter of congratulations by the top scientist in the field of Aphidinae RNDr. P. Stary D.Sc., for his published study: "The Aphidinae (Hymenoptera: Ichneumonidae: Braconidae) of Greece" (No 7). Professor D.Sc. Stary characterized the specific work as a "keystone" in the field of Aphidinae. RNDr. P. Stary D.Sc. commented the above paper as follows: "May I congratulate you and the allied colleagues to the nice piece of work on the aphids of Greece. This area was somewhat neglected although representing a certain kind of faunal bridge. So, now, there is a useful key-stone to start. Years ago, I published a somewhat similar paper on the aphid of Czechoslovakia. And today (better not to count the number of years in between) I am still surprised to see what I have in the new samples, no speaking about the new questions in taxonomy. But this is the life and the science. As one of the

for control of stored-product insect pests. *Journal of Food Protection* 74: 1288-1299. (Impact Factor 2011 = 1.937, 5-years Impact Factor = 2.011)

115. Trematerra, P., C. G. Athanassiou, V. Stejskal, A. Sciarretta, N. G. Kavalieratos and N. E. Palyvos. 2011. Large scale mating disruption of *Ephestia* spp. and *Plodia interpunctella* in Czech Republic, Greece and Italy. *Journal of Applied Entomology* 135: 749-762. (Impact Factor 2011 = 1.311, 5-years Impact Factor = 1.466)

116. Havelka, J., A. H. Shukshuk, M. E. Ghalow, M. Laamari, N. G. Kavalieratos, Ž. Tomanović, E. Rakishani, X. Pons, P. Stary. 2011. Review of invasive grapevine aphid, *Aphis illoiseensis* Shimer, and native parasitoids in the Mediterranean (Hemiptera: Aphididae; Hymenoptera: Braconidae: Aphidinae). *Archives of Biological Sciences* 63: 269-274. *Archives of Biological Sciences* 56: 13-14. (Impact Factor 2011 = 0.360)

117. Petrović, A., V. Žikić, O. Petrović-Obradović, A. M. Bogdanović, N. G. Kavalieratos, P. Stary, Ž. Tomanović. 2011. Two new species of aphid parasitoids (Hymenoptera: Braconidae: Aphidinae) from the Balkan Peninsula. *Zootaxa* 2895: 58-64. (Impact Factor 2011 = 0.927, 5-years Impact Factor = 0.928)

118. Athanassiou, C. G., F. H. Arthur, N. G. Kavalieratos and J. E. Throne. 2011. Efficacy of pyriproxyfen for control of stored-product psocids (Psocoptera) on concrete surfaces. *Journal of Economic Entomology* 104: 1765-1769. (Impact Factor 2011 = 1.699, 5-years Impact Factor = 1.709)

119. Rakishani, E. Ž. Tomanović, P. Stary, N. G. Kavalieratos, M. Ilić, S. Stanković and N. Rajabi Mazhar. 2011. Aphidinae parasitoids (Hymenoptera: Braconidae) of *Macrosiphoniella* aphids (Hemiptera: Aphididae) from the western Palaearctic region. *Journal of Natural History* 45: 2559-2575. (Impact Factor 2011 = 0.953, 5-years Impact Factor = 0.823)

120. Kos, K., A. Petrović, P. Stary, N. G. Kavalieratos, A. Ivanović, I. Toševski, J. Jakšić, S. Trdan and Ž. Tomanović. 2011. On the identity of the cereal aphid parasitoid wasps *Aphidius uzbekistanicus*, *Aphidius rhopalosiphii* and *Aphidius avenae* (Hymenoptera: Braconidae: Aphidinae) by examination of the COI mitochondrial gene, geometric morphometrics and morphology. *Annals of the Entomological Society of America* 104: 1221-1232. (Impact Factor 2011 = 1.317, 5-years Impact Factor = 1.382)

121. Athanassiou, C. G., J. Ruidaveis, N. G. Kavalieratos. 2011. Preventing stored-product insect infestations in packaged-food products. *Stewart Postharvest Review* 3 (8): 5 pp.

122. Tomanović Ž., P. Stary, N. G. Kavalieratos, V. Gagić, M. Plečuš, M. Janković, E. Rakishani, A. Čelković and A. Petrović. 2012. Aphid parasitoids (Hymenoptera: Braconidae: Aphidinae) in wetland habitats in western Palaearctic: key and associated aphid parasitoid guilds. *Annales de la Société*

106. Kavallieratos, N. G., C. G. Athanassiou, B. J. Vayias, S. Kotzamani and S. D. Synodis 2010. Efficacy and adherence ratio of diatomaceous earth and spinosad in three wheat varieties against three stored product insect pests. *Journal of Stored Products Research* 46: 73-80. (Impact Factor 2009 = 1.248, 5-years Impact Factor = 1.469)
107. Kavallieratos, N. G., Ž. Tomanović, P. Stary, V. Žikić and O. Petrović Obradović 2010. Parasitoids (Hymenoptera: Braconidae: Aphelinidae) attacking aphids feeding on Solanaceae and Cucurbitaceae crops in southeastern Europe: aphid-aphid-plant associations and key. *Annals of the Entomological Society of America* 103: 153-164. (Impact Factor 2009 = 0.939, 5-years Impact Factor = 1.257)
108. Rojht, H., C. G. Athanassiou, B. J. Vayias, N. G. Kavallieratos, Ž. Tomanović, M. Vidrih, K. Kos and S. Trdan 2010. The effect of diatomaceous earth of different origin, temperature and relative humidity against adults of rice weevil *Sitophilus oryzae* (L.) (Coleoptera: Curculionidae) in stored wheat. *Acta Agriculturae Slovenica* 95: 13-20.
109. Stary, P., E. Rakshani, Ž. Tomanović, N. G. Kavallieratos and M. Sharkey 2010. Aphid parasitoids (Hymenoptera, Braconidae, Aphelinidae) from Thailand. *Zootaxa* 2498: 47-52 (Impact Factor 2009 = 0.891, 5 years Impact Factor = 0.788)
110. Athanassiou, C. G., F. H. Arthur, N. G. Kavallieratos and J. E. Throne. 2011. Efficacy of spinosad and methoprene, applied alone or in combination, against six stored-product insect species. *Journal of Pest Science* 84: 61-67. (Impact Factor 2009 = 0.818, 5-years Impact Factor = 0.815)
111. Žikić, V., Ž. Tomanović, N. G. Kavallieratos, P. Stary, A. Ivanović 2010. Does allometry account for shape variability in *Ephedrus persicae* Froggatt (Hymenoptera: Braconidae: Aphelinidae) parasitic wasps? *Organisms Diversity and Evolution* 10: 373-380 (Impact Factor 2009 = 1.631, 5-years Impact Factor = 2.078)
112. Athanassiou, C. G., N. G. Kavallieratos, B. J. Vayias, Ž. Tomanović, A. Petrović, V. Rozman, C. Adler, Z. Korunic, D. Milovanović. 2011. Laboratory evaluation of diatomaceous earth deposits mined from several locations in central and southeastern Europe as potential protectants against coleopteran grain pests. *Crop Protection* 30: 329-339. (Impact Factor 2011 = 1.402, 5-years Impact Factor = 1.596)
113. Athanassiou, C. G., N. G. Kavallieratos, A. Sclaretta, N. E. Palyvos and P. Trematerra 2011. Spatial associations of insects and mites in stored wheat. *Journal of Economic Entomology* 104: 1752-1764. (Impact Factor 2011 = 1.699, 5-years Impact Factor = 1.709)
114. Kavallieratos, N. G., C. G. Athanassiou, A. N. Hatzikostantinou and H. N. Kavallieratos. 2011. Abiotic and biotic factors affect efficacy of chlorfenapyr

"secret referees" in the background, I am glad - in spite of most probably some extra work for you - that the paper has been published as a single "keystone" you may be proud of.

- 7) The No 24 publication ("Effect of trap type, trap color, trapping location and pheromone dispenser on captures of male *Palpita unionalis* (Hübner) (Lepidoptera: Pyralidae") was commented by the kopovsko scientist in the field of Lepidoptera pheromones and subject Editor of the international journal "Journal of Economic Entomology". Professor Dr Ring Cardé in 11/11/2003 as follows: "Your work offers considerable detail on the behavioral biology of *Palpita unionalis* and in particular on the interactions among trap placement and trap type on catch. There are few comparable studies in the literature for any moth."
- 8) The reviewers and the Editor of the international journal "Applied Entomology and Zoology" Dr Takahisa Miyatake with their letter of 06/10/2003 regarded the No 26 publication ("A survey of aphid parasitoids (Hymenoptera: Braconidae: Aphelinidae) of Southeastern Europe and their aphid - plant associations") as important in the field of Applied Entomology.
- 9) During 01 - 08/07/2002 he participated in the scientific team of the Professors of the Faculty of Biology of the University of Belgrade, Dr Željko Tomanović, Assistant Professor, Dr Miroje Brajković, Associate Professor and Dr Božidar Čurčić, Professor (Head of the Institute of Zoology) after formal invitation sent to him by the above Professors as well as the Professor Dr Radomir Konjević, (Dean). With this team he conducted extended sampling in Serbia and Montenegro with the purpose of examine further the taxonomy, ecology and zoogeography of Aphelinidae in Southeastern Europe.
- 10) During 01 - 10/12/2003 he was visited by the Ph.D. student Ognjan Todorov of Agriculture University of Plovdiv in Bulgaria, who studies the taxonomy of Aphelinidae parasitoids of Bulgaria, in order to identify some of the Aphelinidae parasitoids for his Ph.D. thesis as well as to lead him in issues of taxonomy, zoogeography and ecology of Aphelinidae.
- 11) Member of the International Scientific Committee of the international congress "First International Conference on Turf Grass Management and Science for Sport Fields", 2 - 7 June 2003, Athens.
- 12) He was accepted at the University of Molise, Department of Animal, Plant and Environmental Science at Campobasso in Italy and worked there during 07 - 12/06/2004 under the "Cost Action 842" EU project. He participated in laboratory tests carried out to evaluate the behavior of the insects *Sitophilus oryzae* and *Tribolium confusum*, important pests of stored products under the influence of various semiochemicals. He conducted bioassays in choice tests at 13 substances of cereals. Furthermore, he became familiar with the techniques of identification of Lepidoptera of the families Tortricidae, Geometridae and Pyralidae as well as of Coleoptera of the family Tenebrionidae by the Professor Dr Pascual Trematerra and Dr Andreea Sclaretta. He visited fields of the area in order to be familiar with the methods of sampling and trapping for the main

- Lepidoptera pests at orchards of apple, peach and olive trees. He also collaborated with Professor Giuseppe Rolando and Professor Antonio de Cristofaro on issues of insect electrophysiology mainly stored product Coleoptera pests under the influence of various semiochemicals.
- 13) On 07/09/2004 he was the chair of the session "Parasitoids of aphids" of the international conference "Ecology of Aphidophaga 9", České Budějovice, Czech Republic, 05 - 10 September 2004.
- 14) On 25 November 2004 he received a congratulating letter by the expert in the management of stored products pests with natural methods Dr Zlatko Korunić, for his publications: "Effect of grain type on the insecticidal efficacy of diatomaceous earth against *Strophilus oryzae* (L.) (Coleoptera: Curculionidae)" (No 21) and "Insecticidal efficacy of diatomaceous earth against *Strophilus oryzae* (L.) (Coleoptera: Curculionidae) and *Tribolium confusum* Jacquelin du Val (Coleoptera: Tenebrionidae) on stored wheat: influence of dose rate, temperature and exposure interval" (No 22). Dr Zlatko Korunić commented the above papers as follows: "All of you did a great job."
- 15) He has repeatedly been asked to identify insects of the subfamily Aphitiinae, as an expert on their taxonomy originating in various parts of the world: I) Bulgaria (Europe) (Ognyan Todorov), II) Iran (Asia) (Ehsan Rakhshani), III) Japan (Asia) (Akio Otake), IIII) Belgium (Europe) (Frédéric Muralet), Tunisia (Africa) (Mohamed Brahmi), VI) Belgium (Europe) (Joachim Moens), VII) Iran (Asia) (Mahmud Alkhani).
- 16) His No. 41 publication ("Persistence and efficacy of three diatomaceous earth formulations against *Strophilus oryzae* (Coleoptera: Curculionidae) on wheat and barley") was commented by the leading scientist in the field of stored product pests and subject Editor of the international journal "Journal of Economic Entomology", Professor Dr Thomas Phillips in 17/03/2005 as follows: "You did an excellent job of revising the manuscript. You made a very large and data-intensive study into a concise and manageable report."
- 17) He is member of the Editorial Board of the peer reviewed international journal "Acta Entomologica Serbica".
- 18) He has been elected as a permanent international reviewer of the peer reviewed international journal "Archives of Biological Sciences".
- 19) After invitation from the Professors Dr Željko Tomanović, Assistant Professor, Dr Miliš Kalezić, Professor (Head of Department for Morphology, Systematic and Phylogeny of Animals), Dr Brigita Petrov, Associate Professor (Head of Institute of Zoology) and Dr Mirko Cvijan, Associate Professor (Dean of Faculty of Biology) he delivered series of lectures to the undergraduate students of the Faculty of Biology of the University of Belgrade in the subjects of taxonomy, zoogeography and ecology of aphid parasitoids (Hymenoptera: Braconidae: Aphidinae) during 30/05 - 03/06/2005.
- Braconidae: Aphitiinae) associated with *Chaliothrips leucomelas* Koch on poplars, with key for European *Acreptoon* Macxian species. *Annales de la Société Entomologique de France* 45: 187-192. (Impact Factor 2009 = 0.600, 5-years Impact Factor = 0.770)
98. Mitrović Bogdanović, A., A. Ivanović, Ž. Tomanović, V. Žikić, P. Stary and N. G. Kavallieratos 2009. Sexual dimorphism in *Ephedrus persicae* (Hymenoptera: Braconidae: Aphidinae): intraspecific variation in size and shape. *The Canadian Entomologist* 141: 550-560. (Impact Factor 2009 = 0.992, 5-years Impact Factor = 0.981)
99. Tomanović, Ž., A. Petrović, P. Stary, N. G. Kavallieratos, V. Žikić and E. Rakhshani 2009. *Ephedrus* Haliday (Hymenoptera: Braconidae: Aphidinae) in Serbia and Montenegro: tritrophic associations and key. *Acta Entomologica Serbica* 14: 39-53.
100. Petrović, A., Ž. Tomanović, V. Žikić, N. G. Kavallieratos and P. Stary 2009. New records of Aphidinae (Hymenoptera: Braconidae) from Serbia and Montenegro. *Acta Entomologica Serbica* 14: 219-224.
101. Stary, P., E. Rakhshani, Ž. Tomanović, K. Hoelmer, N. G. Kavallieratos, J. Yu., M. Wang and G. E. Heimpel 2010. A new species of *Lyssiphebus* Förster 1862 (Hymenoptera: Braconidae: Aphidinae) attacking soybean aphid, *Aphis glycines* Matsumura (Hemiptera: Aphididae) from China. *Journal of Hymenoptera Research* 19: 179-186. (Impact Factor 2009 = 0.676)
102. Stary, P., E. Rakhshani, J. Havelka, Ž. Tomanović, N. G. Kavallieratos and M. Sharkey 2010. Review and key to the world parasitoids (Hymenoptera: Braconidae: Aphidinae) of Greenhouse aphids (Homoptera: Aphididae), including notes on invasive pest species. *Annals of the Entomological Society of America* 103: 307-321. (Impact Factor 2009 = 0.992, 5-years Impact Factor = 1.257)
103. Iatrou, S. A., N. G. Kavallieratos, N. E. Palivos, C. Th. Buchelos and S. Tomanović 2010. Acaricidal effect of different diatomaceous earth formulations against *Tyrophagus putrescentiae* (Acari: Acaridae) on stored wheat. *Journal of Economic Entomology* 103: 190-196. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
104. Athanassiou, C. G., N. G. Kavallieratos, H. Menti and E. Karamastasi 2010. Mortality of four stored product pests in stored wheat when exposed to doses of three entomopathogenic nematodes. *Journal of Economic Entomology* 103: 977-984. (Impact Factor 2008 = 1.296, 5-years Impact Factor = 1.577)
105. Kavallieratos, N. G., C. G. Athanassiou, B. J. Vayias and P. C. C. Beisi 2010. Insecticidal efficacy of fipronil against four stored-product insect pests: influence of commodity, dose, exposure interval, relative humidity and temperature. *Pest Management Science* 66: 640-649. (Impact Factor 2009 = 2.190, 5-years Impact Factor = 2.079)

- Bostrychidae) on wheat and maize. *Crop Protection* 27: 1303-1311. (Impact Factor 2009 = 1.331. 5-years Impact Factor = 1.492)
89. Tomanović, Ž., N. G. Kavallieratos, P. Stary, O. Petrović-Obradović, C. G. Athanassiou and L. Ž. Stanisavljević 2008. Cereal aphids (Hemiptera: Aphididae) of Serbia: seasonal dynamics, spatial distribution and natural enemies. *European Journal of Entomology* 105: 495-501. (Impact Factor 2009 = 0.783. 5-years Impact Factor = 0.969)
90. Kavallieratos, N. G., Ž. Tomanović, P. Stary and A. Mitrovski Bogdanović 2008. Parasitoids (Hymenoptera: Braconidae: Aphelinidae) attacking aphids feeding on Prunoidae and Maloideae crops in Southeast Europe: aphidine-aphid-plant associations and key. *Zootaxa* 1793: 47-64. (Impact Factor 2009 = 0.891. 5-years Impact Factor = 0.788)
91. Tomanović, Ž., P. Stary, N. G. Kavallieratos, A. Petrović, M. Niketić and A. Vučetić 2008. *Hieracium*-associated aphid parasitoid guilds (Hymenoptera: Braconidae: Aphelinidae) in Europe. *Zootaxa* 1781: 20-30. (Impact Factor 2009 = 0.891. 5-years Impact Factor = 0.788)
92. Tomanović, Ž., N. G. Kavallieratos, P. Stary, L. Ž. Stanisavljević, A. Čeković, S. Stamenković, S. Jovanović and C. G. Athanassiou 2009. Regional tritrophic relationship patterns of five aphid parasitoid species (Hymenoptera: Braconidae: Aphelinidae) in agroecosystem-dominated landscapes of southeastern Europe. *Journal of Economic Entomology* (FORUM) 102: 836-854. (Impact Factor 2009 = 1.296. 5-years Impact Factor = 1.577)
93. Petrović, A., Ž. Tomanović, N. G. Kavallieratos, P. Stary and V. Žikić 2009. *Aphis gerani* sp. n. (Hymenoptera: Braconidae) from Southeast Europe - a new member of the *Aphis urticae* s. str. group. *Entomologica Fennica* 20: 233-238. (Impact Factor 2009 = 0.377. 5-years Impact Factor = 0.439)
94. Kavallieratos, N. G., C. G. Athanassiou, B. J. Vayns, S. Mihail and Ž. Tomanović 2009. Insecticidal efficacy of abamectin against three stored product insect pests: influence of dose rate, temperature, commodity and exposure interval. *Journal of Economic Entomology* 102: 1352-1359. (Impact Factor 2009 = 1.296. 5-years Impact Factor = 1.577)
95. Rakshani E., Ž. Tomanović, P. Stary, A. A. Talebi, N. G. Kavallieratos, A. A. Zamani and S. Stamenković 2008. Distribution and diversity of wheat aphid parasitoids (Hymenoptera: Braconidae: Aphelinidae) in Iran. *European Journal of Entomology* 105: 863-870. (Impact Factor 2009 = 0.783. 5-years Impact Factor = 0.969)
96. Tomanović, Ž., N. G. Kavallieratos and C. G. Athanassiou 2008. Spatial distribution of cereal aphids (Hemiptera: Aphididae) in Serbia. *Acta Entomologica Serbica* 13: 9-14.
97. Tomanović, Ž., A. Petrović, N. G. Kavallieratos, P. Stary, I. Toševski and A. Mitrovski Bogdanović 2009. *Acreopron chaitophori* n. sp. (Hymenoptera: Bostrychidae) on wheat and maize. *Crop Protection* 27: 1303-1311. (Impact Factor 2009 = 1.331. 5-years Impact Factor = 1.492)
- 20) After invitation by EU he participated to the meeting for the Workshop "Cost Action 842: Biological Control of pest insects and mites with special reference to Entomophorales" during the period 10-11/06/2005 at Lecorondo in Italy.
- 21) He was accepted at the Central Science Laboratory (C.S.L.) of York, U.K. where he worked on the "Evaluation of conidial and diatomaceous earth attachment on the cuticula of stored-product insects by using SEM" during the period 27/07-05/08/2005 under the EC project "Cost Action 842".
- 22) The quality of his work on the taxonomy of Aphelinidae in Greece and generally in Southeastern Europe was commented on 09 November 2005 by the top scientist in the field of Aphelinidae Professor Dr Manfred Mackauer as follows: "I very much appreciate the fine work that you and your colleagues do in revising and re-describing the aphidine wasps of Greece and adjoining countries. These descriptions are first-rate and well illustrated. It is a much-needed effort and, certainly, will help other workers to identify these species."
- 23) He was proposed to EC as representative of Greece at Pest Risk Analysis for *Bactrocera zonata* infesting citrus.
- 24) During 17-28/07/2006 he participated in the scientific team of the Professors of University of Belgrade Dr Željko Tomanović Associate Professor, Dr Miloš Kalezić Professor (Head of Department of Morphology, Taxonomy and Phylogenesis), Dr Brigita Petrov Associate Professor (Head of Institute of Zoology) and Dr Mirco Cvijan Associate Professor (Dean of Faculty of Biology) after invitation sent to him by the above Professors. As a member of this team he did extended sampling in east Serbia and south Montenegro in order to a) study the relationship among parasitoids - aphid hosts - plant hosts in natural agroecosystems, the possible finding of new species or genera in science. In the same team participated the Czech top scientist in the field of Aphelinidae, RNDr. P. Stary D.Sc. Furthermore, he gave a lecture to the above team of Professors on his so far research work on the Aphelinidae of Southeastern Europe.
- 25) Member of the advisory committee of the international congress "Ecology of Aphidophaga 10", Athens, 05 - 10/09/2007, in the field of "Relation to groups of Aphidophaga".
- 26) During 05 - 10/09/2007 he organized with great success at the Agricultural University of Athens the international conference "Ecology of Aphidophaga 10". Convenors of this conference as well as of the scientists of "Ecology of Aphidophaga" worldwide were N. G. Kavallieratos (Benaki Phytopathological Institute, Greece), J. P. Michaud (Kansas State University, U.S.A.) and E. Lucas (Université du Québec à Montréal, Canada). "Ecology of Aphidophaga" started in 1965 (organised by RNDr. Ivo Hodek C.Sc., Entomological Institute, Academy of Sciences) and continues until today. Over 80 people from 23 countries participated in the conference (Argentina, Egypt, Australia, Belgium, France, Germany, Georgia, Switzerland, Greece, USA, UK, Japan, Jordan, Iran, Spain, Italy, Canada, Holland, Poland, Portugal, Serbia, Czech Republic, Chile). Furthermore, the conference was attended by under- and postgraduate students of Agricultural University of Athens as well as by students of the Erasmus

- project. In "Ecology of Aphidophaga 10" USA had higher participation (14 researchers) than in all the previous series of "Ecology of Aphidophaga". It is highlighted that it is a conference of high impact since it brings together the top researchers worldwide in the field of ecology of aphidophagous insects. In total, 86 papers were presented among which 11 were plenary lectures from all over the world (7 from USA, 1 from Greece, 1 from Japan, 1 from Switzerland, 1 from Serbia). Moreover, 48 papers and 27 posters were presented. The following sessions were organized: Hemiptera as aphid predators, foraging and habitat selection, non-aphid food of aphidophaga, ecology and behavior of Coccinellidae (I, II), tritrophic interactions-aphid repellents, food relations, biological control of aphids (I, II), ecology and behavior of aphid parasitoids (I, II, III), parasitoids and pathogens of aphidophaga - aphid pathogens, benefits and risks associated with exotic aphidophaga, intraguild interactions. A discussion also on: "Benefits and Risks of Exotic Biological Control Agents" was carried out. On 09/09/2007 the activities of I.O.B.C. (International Organization of Biological Control), were presented to the researchers of "Ecology of Aphidophaga", by J. Brodeur (Université de Montréal, Canada), in order to include the conference in the activities of I.O.B.C. In the discussion that followed up and after voting, it was decided to start the procession of connection of "Ecology of Aphidophaga" with I.O.B.C. Additionally, Helmut van Emden, one of the pioneers of "Ecology of Aphidophaga", in his report in the Journal Antenna 32: 58-59, 2008 on "Ecology of Aphidophaga 10" congratulated the organization of the conference.
- 27) Editor of Book of Abstracts international conference "Ecology of Aphidophaga 10" (126 pp.).
- 28) On 09/09/2007 he was chair of the session: "Ecology and behaviour of aphid parasitoids (I)" at the international conference "Ecology of Aphidophaga 10", Athens, 05 - 10/09/2007.
- 29) Editor, together with J. P. Michaud (Kansas State University, U.S.A.), E. Lucas (Université du Québec à Montréal, Canada) and I. Hodek (Czech Academy of Sciences, Czech Republic) of the Proceedings of the international congress "Ecology of Aphidophaga 10" which were published in the international journal "European Journal of Entomology" (2008, 105: 365-544, 180 pp.) after the usual reviewing procedure that European Journal of Entomology follows.
- 30) The study entitled: "Aphid parasitoids (Hymenoptera: Braconidae: Aphelinidae) in southeastern Europe: in a search for a pattern of their trophic associations" by Tomanović Ž., N. G. Kavallieratos, C. J. Saitanis, P. Stary, O. Petrović-Obradović, A. Četković and C. G. Athanassiou was presented by Ž. Tomanović as a (plenary) lecture at the international conference "Ecology of Aphidophaga 10", Athens, 05 - 10/09/2007.
- 31) On 26/09/2007 he gave a plenary lecture entitled: "Major crops of Southeastern Europe: identification, host range pattern, and distribution of the aphid parasitoid fauna (Hymenoptera: Braconidae: Aphelinidae)" as an invited speaker by the organizing committee of the "Symposium of Entomologists of Serbia 2007", held at Užice in Serbia during the period 26 - 30/09/2007.
- Insect Science* 8 (60): 9 pp. (Impact Factor 2009 = 1.069, 5-years Impact Factor = 1.396)
81. Tomanović, Ž., A. Petrović, P. Stary and N. G. Kavallieratos 2007. *Monoclonus* Haliday, *Falciconus* (Marshall) and *Harkneria* Cameron (Hymenoptera: Braconidae: Aphelinidae) in Serbia and Montenegro: tritrophic associations and key. *Acta Entomologica Serbica* 12: 45-54.
82. Žikić, V., Ž. Tomanović, A. Ivanović, N. G. Kavallieratos, P. Stary, L. Ž. Stanisavljević and E. Rakhtshani. 2009. Morphological characterization of *Ephedrus persicae* Froggatt biotypes (Hymenoptera: Braconidae: Aphelinidae) in palaeartic. *Annals of the Entomological Society of America* 102: 1-11. (Impact Factor 2009 = 0.939, 5-years Impact Factor = 1.257)
83. Athanassiou, C. G., N. G. Kavallieratos, B. J. Vayias and E. C. Panoussakis 2008. Influence of grain type on the susceptibility of different *Strophilus oryzae* (L.) populations, obtained from different rearing media, to three diatomaceous earth formulations. *Journal of Stored Product Research* 44: 279-284. (Impact Factor 2009 = 1.248, 5-years Impact Factor = 1.469)
84. Athanassiou, C. G., N. G. Kavallieratos and B. E. Mazomenos 2008. Almond seed wasp (Hymenoptera: Eurytomidae), sex pheromone: effect of trap type, trap position, components ratio and time of the day on male attraction. *Bulletin of Entomological Research* 98: 535-541. (Impact Factor 2009 = 1.580, 5-years Impact Factor = 1.709)
85. Chintzoglou, G. J., C. G. Athanassiou, A. N. Markoglou and N. G. Kavallieratos 2008. Influence of commodity on the effect of spinosad dust against *Rhyzopertha dominica* (F.) (Coleoptera: Bostrychidae) and *Strophilus oryzae* (L.) (Coleoptera: Curculionidae). *International Journal of Pest Management* 54: 277-285. (Impact Factor 2009 = 0.602, 5-years Impact Factor = 0.785)
86. Rakhtshani, E., A. A. Talebi, P. Stary, Ž. Tomanović, N. G. Kavallieratos and S. Manzari 2008. A review of *Aphidius* Nees (Hymenoptera: Braconidae: Aphelinidae) in Iran: host associations, distribution and taxonomic notes. *Zootaxa* 1767: 37-54. (Impact Factor 2009 = 0.891, 5-years Impact Factor = 0.788)
87. Kavallieratos, N. G., Ž. Tomanović, P. Stary and N. E. Emmanouel 2008. *Vitex agnus castus* and *Euphorbia characias* ssp. *wulfenii* as reservoirs of aphid parasitoids (Hymenoptera: Braconidae: Aphelinidae). *Florida Entomologist* 91: 179-191. (Impact Factor 2009 = 1.069, 5-years Impact Factor = 1.053)
88. Athanassiou, C. G., N. G. Kavallieratos, B. J. Vayias, J. B. Tsakiri, N. H. Mikeli, C. M. Meleis and Ž. Tomanović 2008. Persistence and efficacy of *Meteorus anisopliae* (Metschnikoff) Sorokin (Dipteromyzominae: Hyphomyzocetes) and diatomaceous earth against *Strophilus oryzae* (L.) (Coleoptera: Curculionidae) and *Rhyzopertha dominica* (F.) (Coleoptera:

- relationships between the genera *Aphidius* and *Lysaphidus* (Hymenoptera: Braconidae: Aphidinae) with description of *Aphidius iranicus* sp. nov. *The Canadian Entomologist* 139: 297-307. (Impact Factor 2009 = 0.992, 5-years Impact Factor = 0.981)
73. Kavalieratos, N. G., C. G. Athanassiou, C. J. Saitanis, D. C. Kontodimas, A. N. Roussos, M. S. Tsousa and U. A. Anastassopoulou. 2007. Effect of two azadirachtin formulations against adults of *Stenophilus oryzae* and *Tribolium confusum* on different grain commodities. *Journal of Food Protection* 70: 1627-1632. (Impact Factor 2009 = 1.960, 5-years Impact Factor = 2.206)
74. Kontodimas, D. C., P. G. Milonas, G. J. Stathas, L. P. Economou and N. G. Kavalieratos. 2007. Life table parameters of the pseudococcid predators *Nephus includens* and *Nephus bisignatus* (Coleoptera: Coccinellidae). *European Journal of Entomology* 104: 407-415. (Impact Factor 2009 = 0.783, 5-years Impact Factor = 0.969)
75. Athanassiou, C. G., N. G. Kavalieratos and G. J. Chintzoglou. 2008. Effectiveness of spinosad dust against different European populations of the confused flour beetle, *Tribolium confusum* Jacquelin du Val. *Journal of Stored Products Research* 44: 47-51. (Impact Factor 2009 = 1.248, 5-years Impact Factor = 1.469)
76. Kavalieratos, N. G., C. G. Athanassiou, F. D. Mpakou and A. E. Mpoussakou. 2007. Factors affecting laboratory bioassays with diatomaceous earths on stored wheat: effect of insect density, grain quantity and cracked kernel containment. *Journal of Economic Entomology* 100: 1724-1731. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
77. Kavalieratos, N. G., C. G. Athanassiou, B. J. Vayias and S. N. Maistroru. 2007. Influence of temperature on susceptibility of *Tribolium confusum* (Coleoptera: Tenebrionidae) populations to three modified diatomaceous earth formulations. *Florida Entomologist* 90: 616-625. (Impact Factor 2009 = 1.069, 5-years Impact Factor = 1.053)
78. Athanassiou, C. G., N. G. Kavalieratos, B. J. Vayias and V. K. Stephanou. 2008. Evaluation of a new enhanced diatomaceous earth formulation for use against *Rhyzopertha dominica* (Coleoptera: Bostrychidae). *International Journal of Pest Management* 54: 43-49. (Impact Factor 2009 = 0.602, 5-years Impact Factor = 0.785)
79. Athanassiou, C. G., N. G. Kavalieratos, G. J. Chintzoglou, G. G. Petelinatos, M. C. Boukouvala, S. S. Petrou and E. C. Panousis. 2008. Effect of temperature and commodity on the insecticidal efficacy of spinosad dust against *Stenophilus oryzae* and *Rhyzopertha dominica*. *Journal of Economic Entomology* 101: 976-981. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
80. Athanassiou, C. G., N. G. Kavalieratos, A. E. Yantlis, B. J. Vayias, C. S. Mavroulas and Z. Tomamović. 2008. Influence of temperature and humidity on the efficacy of spinosad against four stored grain beetle species. *Journal of*
- 32) On 15/11/2007 he was chair of the 10th session: «Resistance - efficacy of insecticides» of the 12th Pan Hellenic Entomological Congress, Larnaka, 13 - 16/11/2007.
- 33) His No. 84 publication ("Almond seed wasp (Hymenoptera: Eurytomidae), sex pheromone: effect of trap type, trap position, components ratio and time of the day on male attraction") was commented by the Editor of the international journal "Bulletin of Entomological Research", Professor Dr T. Heftin 02/01/2008 as follows: "The authors have responded to the reviewers comments-they've done a very good job! I'm happy to recommend acceptance."
- 34) Convenor of the international congress "Ecology of Aphidophaga 11" together with C. Ricci (University of Perugia, Italy), J. P. Michaud (Kansas State University, U.S.A.) and K. Giles (Oklahoma State University) which was held in Perugia, Italy during 19 - 24/09/2010.
- 35) Organizer of the session on "Parasitoids of aphids" the international congress "Ecology of Aphidophaga 11" which was held in Perugia, Italy during 19 - 24/09/2010.
- 36) After invitation from the United States Department of Agriculture (U.S.D.A.) he visited the Grain Marketing and Production Research Center (GMPRC) in Manhattan, Kansas, USA during the period 01 - 16/08/2008 where he collaborated with the scientists of the center Dr James Throne, Research Leader, Dr Franklin Arthur, Researcher, Dr James Campbell, Researcher, Dr Paul Flinn, Dr Jeffrey Lord, Dr Oppert Brenda, Dr Richard Beeman on new methods of: I) control of stored products insect pests (natural, biological, biotechnical methods and their combination), II) estimation of the infection of stored products by insects, III) detection of insects' fragments in stored products III) sampling and monitoring of stored products insect pests which are followed in USA. Furthermore, he participated in laboratory experiments on the study of the oviposition of *Rhyzopertha dominica* and *Stenophilus oryzae* on normal and damaged kernels of different American varieties of paddy.
- 37) After invitation from the United States Department of Agriculture (U.S.D.A.) he visited the Grain Marketing and Production Research Center (GMPRC) in Manhattan, Kansas, USA during the period 10 - 27/04/2009 where he collaborated with the scientists of the center Dr James Throne, Research Leader, Dr Franklin Arthur, Researcher, Dr James Campbell, Researcher on I) new methods of identification (biotechnological) and control (natural, biological, biotechnical) of stored products insect pests, II) estimation of the degree of infestation (economic level) of stored products by insect pests. Furthermore, he participated in laboratory experiments on the study of control of *Rhyzopertha dominica*, *Stenophilus oryzae*, *Stenophilus granarius*, *Cryptolestes ferrugineus*, *Oryzaephilus surinamensis*, *Liposcelis bostrychophila*, *Liposcelis decolor*, *Liposcelis entomophila*, *Liposcelis paeta* with the use of chemicals, insect growth regulators and bacterial metabolites.

- 38) His No. 92 publication (Regional tritrophic relationship patterns of five aphid parasitoid species (Hymenoptera: Braconidae: Aphidinae) in agroecosystem-dominated landscapes of southeastern Europe) was published as Forum piece in *Journal of Economic Entomology* (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
- Furthermore 1) only 7 papers in the total of 291 (2.4%) were published as Forum pieces in *Journal of Economic Entomology* during 2009, 11) only 17 papers in total of 826 (2%) were published as Forum pieces in the 4 journals issued by the Entomological Society of America (*Journal of Economic Entomology*, *Annals of the Entomological Society of America*, *Environmental Entomology*, *Journal of Medical Entomology*) during 2009.
- 39) After invitation from the Ministry of Rural Development and Food he visited the Prefecture Authorities of Arkadia and Lakonia during 16 - 17/07/2009 for estimation of the level of infection by Orthoptera and level of populations of Orthoptera which appeared in the above regions.
- 40) He is member of the Editorial Board of the peer reviewed international journal "*Entomologia Hellenica*".
- 41) On 20/09/2010 he participated in the commemoration of the late Prof. M. E. N. Majerus with the offering of honorific plaque to his family. The plaque was received by Dr Helen Roy (Centre of Ecology and Hydrology, UK) on behalf of his family.
- 42) On 21/10/2010 he was chair of the session: "Aphid parasitoids" at the international conference "Ecology of Aphidophaga 11", Perugia, 19 - 24/09/2010 with the subject: "Parasitoids (Hymenoptera: Braconidae: Aphidinae) attacking aphids feeding on crops of economic importance in southeastern Europe: aphidine-aphid-plant associations and identification".
- 43) On 21/09/2010 he was keynote speaker in the session "Aphid parasitoids" at the international conference "Ecology of Aphidophaga 11", Perugia, 19 - 24/09/2010 with the subject: "Parasitoids (Hymenoptera: Braconidae: Aphidinae) attacking aphids feeding on crops of economic importance in southeastern Europe: aphidine-aphid-plant associations and identification".
- 44) Convenor of the international congress "Ecology of Aphidophaga 12" together with Z. Tomanović (University of Belgrade, Serbia), J. P. Michaud (Kansas State University, U.S.A.) and K. Giles (Oklahoma State University) which will be held in Belgrade, Serbia during 9 - 13/09/2013.
- 45) After invitation from the United States Department of Agriculture (U.S.D.A.) he visited the Center for Grain and Animal Health Research (C.G.A.H.R.) in Manhattan, Kansas, USA during October and November 2010 where he conducted collaborative research with scientists at the Center, including Dr. James Throne, Research Leader, and Drs. Frank Arthur and James Campbell, Research Entomologists. He worked on efficacy of a new insecticide, Temprid, for control of stored-product insects; on studies of stored-product psocid competition in grain; and on development of attractants for stored-product psocids. This research project entitled "Biology and control of psocid pests of stored products" is funded by the United States Department of Agriculture.
64. Papanikolaou, N. E., N. G. Kavallieratos, D. C. Kontodimas and Ž. Tomanović 2006. First record of the parasitoid *Pimpla soenensis* (Walker) (Hymenoptera: Eulophidae) in Greece. *Archives of Biological Sciences* 58: 39-40. (Impact Factor 2009 = 0.238)
65. Anagnostou Veroniki, M., D. C. Kontodimas, N. G. Kavallieratos, D. Doukas, G. Stachyriannis, and Ž. Tomanović 2006. Data on phenology, parasitism and control of citrus leafminer, *Phyllocnistis citrella* Stainton (Lepidoptera, Gracillariidae) in Greece. *Archives of Biological Sciences* 58: 239-244. (Impact Factor 2009 = 0.238)
66. Athanassiou, C. G., N. G. Kavallieratos and C. M. Metelisis 2007. Insecticidal effect of three diatomaceous earth formulations, applied alone or in combination, against three stored-product beetle species on wheat and maize. *Journal of Stored Products Research* 43: 330-334. (Impact Factor 2009 = 1.248, 5-years Impact Factor = 1.469)
67. Tomanović, Ž., N. G. Kavallieratos, P. Stary, O. Petrović, S. Tomanović and S. Jovanović 2006. Aphids and parasitoids on willows and poplars in southeastern Europe (Homoptera: Aphidoidea, Hymenoptera: Braconidae: Aphidinae). *Journal of Plant Diseases and Protection* 113: 174-180. (Impact Factor 2009 = 0.346, 5-years Impact Factor = 0.416)
68. Athanassiou, C. G., N. G. Kavallieratos, S. F. Gakis, L. A. Kyrtsa, B. E. Mazomenos and F. T. Gravans 2007. Influence of trap type, trap colour, and trapping location on the capture of the pine moth, *Thaumetopoea pityocampa*. *Entomologia Experimentalis et Applicata* 122: 117-123. (Impact Factor 2009 = 1.568, 5-years Impact Factor = 1.652)
69. Trematerra, P., A. Valente, C. G. Athanassiou and N. G. Kavallieratos 2007. Kernel-kernel interactions and behavioral responses of *Sitophilus zeamais* Motschulsky (Coleoptera: Curculionidae). *Applied Entomology and Zoology* 42: 129-135. (Impact Factor 2009 = 0.616, 5-years Impact Factor = 0.819)
70. Kavallieratos N. G., Ž. Tomanović, G. P. Sarlis, B. J. Vayias, V. Žikić and N. E. Emmanouel 2007. Aphids (Hemiptera: Aphidoidea) on cultivated and self-sown plants in Greece. *Biologia* 62: 335-344. (Impact Factor 2009 = 0.617, 5-years Impact Factor = 0.470)
71. Athanassiou, C. G., N. G. Kavallieratos, G. G. Petenianos, S. E. Petrou, M. C. Boukovoula and Ž. Tomanović 2007. Influence of temperature and humidity on insecticidal effect of three diatomaceous earth formulations against larger grain borer (Coleoptera: Bostrychidae). *Journal of Economic Entomology* 100: 599-603. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
72. Tomanović, Ž., E. Rakshani, P. Stary, N. G. Kavallieratos, L. Ž. Stanisavljević, V. Žikić and C. G. Athanassiou 2007. Phylogenetic

56. Vayias, B. J., C. G. Athanassiou, N. G. Kavallieratos and C. Th. Buchelos 2006. Susceptibility of different European populations of *Tribolium confusum* (Coleoptera: Tenebrionidae) to five diatomaceous earth formulations. *Journal of Economic Entomology* 99: 1899-1904. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
57. Tomanović, Ž., N. G. Kavallieratos, P. Stary, L. Ž. Stanišavljević, O. Petrović Obradović, S. Tomanović and M. Miliutinović 2006. Phylogenetic relationships among *Praon* (Hymenoptera: Braconidae: Aphidinae) aphid parasitoids, with redescription of two species. *Insect Systematics and Evolution* 37: 213-226. (Impact Factor 2009 = 0.875, 5-years Impact Factor = 0.910)
58. Tomanović, Ž., N. G. Kavallieratos, P. Stary, V. Žikić, V. Tomić and L. Lubić 2007. Redescription of two species of Aphidinae (Hymenoptera: Braconidae: Aphidinae) from high mountain areas of southeastern Europe, with biological and biogeographical notes on co-occurring guild members. *Entomologica Fennica* 18: 36-45. (Impact Factor 2009 = 0.377, 5-years Impact Factor = 0.439)
59. Kavallieratos, N. G., C. G. Athanassiou, M. P. Michalaki, Y. A. Batta, H. A. Rigatos, F. G. Pashalidou, G. N. Balouts, Z. Tomanović and B. J. Vayias 2006. Effect of the combined use of *Metarhizium anisopliae* (Metschnikoff) Sorokin (Deuteromycotina: Hyphomycetes) and diatomaceous earth for the control of three stored-product beetle species. *Crop Protection* 25: 1087-1094. (Impact Factor 2009 = 1.331, 5-years Impact Factor = 1.492)
60. Athanassiou, C. G., N. G. Kavallieratos, J. B. Tsakiri, S. N. Xyrafidis and B. J. Vayias 2006. Effect of temperature and humidity on the insecticidal effect of *SitioSec*[®] against *Ephestia kuehniella* (Lepidoptera: Pyralidae) larvae. *Journal of Economic Entomology* 99: 1520-1524. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
61. Vassilakos, T. N., C. G. Athanassiou, N. G. Kavallieratos and B. J. Vayias 2006. Influence of temperature on the insecticidal effect of *Beauveria bassiana* in combination with diatomaceous earth against *Rhyzopertha dominica* and *Stophilus oryzae* on stored wheat. *Biological Control* 38: 270-281. (Impact Factor 2009 = 1.612, 5-years Impact Factor = 1.810)
62. Kavallieratos, N. G., Ž. Tomanović, G. P. Sarris, C. Fasseas and N. E. Emmanuel 2006. A review of the genus *Aphidius* Nees in Greece (Hymenoptera: Braconidae: Aphidinae) with the description of a new species. *Journal of Natural History* 40: 1179-1197. (Impact Factor 2009 = 0.695, 5-years Impact Factor = 0.764)
63. Rakshani, E., A. Talebi, P. Stary, Ž. Tomanović, S. Manzari, N. G. Kavallieratos and A. Čelković 2006. A new species of *Aphidius* Nees, 1818 (Hymenoptera: Braconidae: Aphidinae) attacking *Urolecon* aphids (Nesky) (Homoptera: Aphididae) from Iran and Iraq. *Journal of Natural History* 40: 1923-1929. (Impact Factor 2009 = 0.695, 5-years Impact Factor = 0.764)

- 46) He is a member of the Editorial Board of the peer reviewed international journal "Biologica Nyssana".
- 47) He was a member of the Scientific Council of Benaki phytopathological Institute during 2011-2014.
- 48) During 04 - 07/07/2011 he organized with great success at the University of Thessaly the international conference of the IOBC / WPRS (OILB/SROP) Working Group "Integrated Protection of Stored Products" in collaboration with the Convenor of the group Assist. Prof. Dr Christos G. Athanassiou (University of Thessaly). Over 100 people from 28 countries participated in the conference (Argentina, Bulgaria, Bangladesh, Croatia, Egypt, France, Greece, India, Iran, Israel, Netherlands, Pakistan, Slovenia, Spain, Syrian Arab Republic, Italy, Canada, Holland, Poland, Czech Republic, Turkey, Nigeria, Tunisia, Cameroon, Algeria, Brazil, USA, UK). Furthermore, the conference was attended by undergraduate students of University of Thessaly as well as by students of the Erasmus project. In total, 80 papers were presented of which 45 were oral and 35 were posters. The following sessions were organized: Overviews and new trends in stored-product protection, Detection, Sampling, trapping, pheromones and other semiochemicals, Stored-product pest ecology and biology, Phytochemicals, Biological control, Fumigation, controlled atmospheres, modified atmospheres and extreme temperatures, Integrated approaches of pest management in stored products and legislation.
- 49) Editor in collaboration with the Convenor of the group Assist. Prof. Dr Christos G. Athanassiou (University of Thessaly) of the Book of Abstracts of the International Conference of the IOBC / WPRS (OILB/SROP) Working Group "Integrated Protection of Stored Products", Volos, Greece, 04 - 07 July 2011 (118 pp.).
- 50) On 05/07/2011 he was chair of the session: "Overviews and new trends in stored-product protection" IOBC/WPRS (OILB/SROP) Working Group on Integrated Protection of Stored Products, Volos, Greece, 04 - 07 July 2011.
- 51) On 05/07/2011 he was chair of the session: "Stored-product pest ecology and biology" IOBC/WPRS (OILB/SROP) Working Group on Integrated Protection of Stored Products, Volos, Greece, 04 - 07 July 2011.
- 52) On 07/07/2011 he was chair of the session: "Biological Control" IOBC/WPRS (OILB/SROP) Working Group on Integrated Protection of Stored Products, Volos, Greece, 04 - 07 July 2011.
- 53) Editor, together with Christos G. Athanassiou (University of Thessaly, Greece) and Phyllis Wentrub (Agricultural Research Organization, Israel) of the Proceedings of the IOBC/WPRS (OILB/SROP) Working Group on Integrated Protection of Stored Products, Volos, Greece, 04 - 07 July 2011. (IOBC / WPRS Bulletin, 2012, 81: 1-312 pp.).

- 54) Under the n. 155560/02.08.2011 decree he was appointed as a regular member of the workgroup which was consisted by Dr. Christos G. Athanassou (University of Thessaly), Dr. Demetrios Stamopoulos (University of Thessaly), Dr. Nikolaos G. Kavallieratos (Benaki Phytopathological Institute), Dr. Basilios J. Vayias (Ministry of Rural Development and Food) with subject the investigation and definition of the reasons of infection of cotton cultures by the cotton bollworm during the cultivation period of 2010.
- 55) On 11/10/2011 he was chair of the 1st session: «Management of new enemies» of the 14th Pan Hellenic Entomological Congress, Naftlion, 11 - 14/10/2011.
- 56) After being invited, he participated, during the period 23 - 27/04/2012, in meetings that were held at Belgrade concerning the research progress of the program "Agrobiodiversity and land-use change in Serbia: an integrated biodiversity assessment of key functional groups of arthropods and plant pathogens" (II143001) which is funded by the Ministry of Education and Science, Republic of Serbia.
- 57) After being invited, he participated, during the period 20/07 - 03/08/2012, in the framework of the program "Agrobiodiversity and land-use change in Serbia: an integrated biodiversity assessment of key functional groups of arthropods and plant pathogens" (II143001) which is funded by the Ministry of Education and Science, Republic of Serbia, to the formed international scientific group and cooperated with Professor Dr. Željko Tomanović (University of Belgrade, Serbia), Professor Dr. Christoph Vorburger (Swiss Federal Institute of Aquatic Science and Technology, Switzerland), Dr. Kees Van Achterberg (National Museum of Natural History, The Netherlands), Assistant Professor Dr. Vladimir Žikić (University of Niš, Serbia), Assistant Professor Dr. Anđeljko Petrović (University of Belgrade, Serbia), Dr. Vesna Gagić (University of Belgrade, Serbia). Along with this group he conducted extended samplings in Serbia and Montenegro aiming at the investigation of the relationships of parasitoids - host aphids - host plants in natural agro-ecosystems and at the discovery of new species in science.
- 58) After invitation from the United States Department of Agriculture (U.S.D.A.) he visited the Center for Grain and Animal Health Research (C.G.A.H.R.) in Manhattan, Kansas, USA during September and October 2012 where he conducted collaborative research with scientists at the Center, including Dr. James Throne, Research Leader, and Drs. Frank Arthur and James Campbell, Research Entomologists. He worked on cold treatment as a new method for control of stored-product insects and on the efficacy of new insecticides against stored-product psocids in the frame of the research project entitled "Biology and control of psocid pests of stored products" which is funded by the United States Department of Agriculture.
- 59) During the period 29/10/2012 to 03/11/2012 he was invited by the Institute of Crop Protection (CRI) to Prague, Czech Republic here he gave a series of lectures at the following institutions as an invited speaker: CRI (on Biological Control), Charles University (on Biology of parasitoids) and University of Life Sciences (on Biological Control). During his stay in Prague he had the
48. Michalaki, M., C. G. Athanassou, N. G. Kavallieratos, V. A. Batta and G. N. Balotis 2006. Effectiveness of *Metarhizium anisopliae* (Metschnikoff) Sorokin applied alone or in combination with diatomaceous earth against *Tribolium confusum* Jacquelin du Val: influence of temperature relative humidity and type of commodity. *Crop Protection* 25: 418-425. (Impact Factor 2009 = 1.331. 5-years Impact Factor = 1.492)
49. Kavallieratos, N. G., Ž. Tomanović, C. G. Athanassou, P. Stary, V. Žikić, G. P. Surlis and C. Fassas 2005. Aphid parasitoids (Hymenoptera: Braconidae: Aphidinae) infesting cotton, citrus, tobacco and cereal crops in southeastern Europe: aphid-plant associations and keys. *The Canadian Entomologist* 137: 516-531. (Impact Factor 2009 = 0.992. 5-years Impact Factor = 0.981)
50. Tomić, M. Ž., Tomanović, N. G., Kavallieratos, P. Stary, C. G. Athanassou, V. Tomić and L. Lucić 2005. Morphological variability of several biotypes of *Ephectrus plegiator* (Nees, 1811) (Hymenoptera: Braconidae: Aphidinae) with the description of a new species. *Zoologischer Anzeiger* 244: 153-162. (Impact Factor 2009 = 1.595. 5-years Impact Factor = 1.358)
51. Vayias, B. J., C. G. Athanassou, N. G. Kavallieratos, C. D. Tsesmeli and C. Th. Buchelos 2006. Persistence and efficacy of two diatomaceous earth formulations and a mixture of diatomaceous earth with natural pyrethrum against *Tribolium confusum* Jacquelin du Val (Coleoptera: Tenebrionidae) on wheat and maize. *Pest Management Science* 62: 456-464. (Impact Factor 2009 = 2.190. 5-years Impact Factor = 2.079)
52. Athanassou, C. G., N. G. Kavallieratos and P. Trematerra 2006. Responses of *Strophilus oryzae* (Coleoptera: Curculionidae) and *Tribolium confusum* (Coleoptera: Tenebrionidae) to traps baited with pheromone and food volatiles. *European Journal of Entomology* 103: 371-378. (Impact Factor 2009 = 0.783. 5-years Impact Factor = 0.969)
53. Palyvos, N. E., C. G. Athanassou and N. G. Kavallieratos 2006. Acaricidal effect of a diatomaceous earth formulation against *Tyrophagus putrescentiae* (Astigmata: Acaridae) and its predator *Cheyletus malaccensis* (Prostigmata: Cheyletidae) in four grain commodities. *Journal of Economic Entomology* 99: 229-236. (Impact Factor 2009 = 1.296. 5-years Impact Factor = 1.577)
54. Athanassou, C. G., N. G. Kavallieratos, C. B. Dimizas, B. J. Vayias and Ž. Tomanović 2006. Factors affecting the insecticidal efficacy of the diatomaceous earth formulation SilicoSec[®] against adults of the rice weevil, *Strophilus oryzae* (L.) (Coleoptera: Curculionidae). *Applied Entomology and Zoology* 41: 201-207. (Impact Factor 2009 = 0.616. 5-years Impact Factor = 0.819)
55. Kontodimas, D. C. and N. G. Kavallieratos 2003-2004. First phenological data of the rose pest *Homalotynchites hungaricus* (Herbst) (Coleoptera: Rhynchitidae) in Greece. *Entomologia Hellenica* 15: 62-63.

39. Athanassiou, C. G., N. G. Kavallieratos, N. E. Palyvos, A. Sciaretta and P. Trematerra 2005. Spatio-temporal distribution of insects and mites in horizontally-stored wheat. *Journal of Economic Entomology* 98: 1058-1069. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
40. Tomanović, Ž., N. G. Kavallieratos, P. Stary, C. G. Athanassiou, V. Žikić, O. Petrović-Obradović and G. P. Sarris 2003. *Aphidius* Nees (Hymenoptera: Braconidae: Aphidinae) in Serbia and Montenegro: tritrophic associations and keys. *Acta Entomologica Serbica* 8: 15-39.
41. Athanassiou, C. G., N. G. Kavallieratos, L. P. Economou, C. B. Dimizas, B. J. Vayias, S. Tomanović and M. Milutinović 2005. Persistence and efficacy of three diatomaceous earth formulations against *Sitophilus oryzae* (Coleoptera: Curculionidae) on wheat and barley. *Journal of Economic Entomology* 98: 1404-1412. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
42. Kavallieratos, N. G., D. C. Kontodimas, M. Anagnou – Veroniki and N. G. Emmanouel 2006. First record of the gall insect *Ophiinus eucalypti* (Gahan) (Hymenoptera: Chalcidoidea: Eulophidae) in Greece. *Annals of the Benaki Phytopathological Institute* 20: 125-128.
43. Kavallieratos, N. G., C. G. Athanassiou, G. N. Balotis, G. Th. Tasi and B. E. Mazomenos 2005. Factors affecting male *Proxys oleae* (Lepidoptera: Yponomeutidae) captures in pheromone-baited traps in olive orchards. *Journal of Economic Entomology* 98: 1733-1738. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
44. Rakhshani, E. A., A. Talebi, N. G. Kavallieratos, A. Rezwani, S. Manzan and Ž. Tomanović 2005. Parasitoid complex (Hymenoptera: Braconidae: Aphidinae) of *Aphis craccivora* Koch (Hemiptera: Aphidoidea) in Iran. *Journal of Pest Science* 78: 193-198. (Impact Factor 2009 = 0.818, 5-years Impact Factor = 0.815)
45. Athanassiou, C. G., D. C. Kontodimas, Kavallieratos, N. G. and M. Anagnou-Veroniki 2005. Insecticidal effect of NeemAzal against three stored-product beetle species on rye and oats. *Journal of Economic Entomology* 98: 1499-1505. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
46. Kavallieratos, N. G., Athanassiou, C. G., Tomanović, Ž., Sciaretta, A., Trematerra, P. and V. Žikić 2005. Seasonal occurrence, distribution and sampling indices for *Myzus persicae* (Hemiptera: Aphidoidea) and its parasitoids (Hymenoptera: Braconidae: Aphidinae) on tobacco. *European Journal of Entomology* 102: 459-468. (Impact Factor 2009 = 0.783, 5-years Impact Factor = 0.969)
47. Athanassiou, C. G., Kavallieratos, N. G., Tomanović, Ž., Tomanović, S. and M. Milutinović 2005. Development of a sampling plan for *Myzus persicae* (Sulzer) (Hemiptera: Aphidoidea) and its predator *Macrolophus costalis* Fieber (Hemiptera: Miridae) on tobacco. *European Journal of Entomology* 102: 399-405. (Impact Factor 2009 = 0.783, 5-years Impact Factor = 0.969)

opportunity to visit the laboratories of CRI and University of Life Sciences, cereal storage units (bins, horizontal type warehouses), a chemical industry which produces fumigants and to cooperate with ICP's researchers on issues concerning food safety, stored product pest control, allergens and contaminants in food and pest monitoring field studies.

- 60) During the period 10-14/12/2012 he visited the Research and Development Institute for Plant Protection P. Zăchares (RDIIPPB) in the frame of the joint research and technology program entitled: "Development of diatomaceous earth-based formulations from natural deposits from Greece and Romania, for stored-product protection against insects and mycotoxins". During his stay in Bucharest he had the opportunity to collaborate with the Romanian colleagues Dr Sonica Drosu, Dr Maria Ciobanu, Dr Mirela Dana Cindea, Dr Maria Oprea and Dr Constantina Chirceanu on the application of the experimental protocols of the program. Furthermore, he visited the laboratories and facilities of the (RDIIPPB).
- 61) During the period 17-21/12/2012 he visited the Faculty of Agriculture, Department of Plant Protection, University of Cukurova in the frame of the joint research and technology program entitled: "Molecular and ecological diversity of aphid parasitoids (Hymenoptera: Braconidae: Aphidinae) in agroecosystems of Greece and Turkey". During his stay in Adana he had the opportunity to collaborate with the Turkish colleagues Dr Serdar Satar, M.Sc. Mehmet Karacaoglu and Dr. Behçet Kemal Çağlar on the systematics of Aphidinae parasitoids. Furthermore, he visited the laboratories and facilities of the Faculty of Agriculture, Department of Plant Protection, University of Cukurova and Biological Control Research Station.
- 62) He is member of the Editorial Board of the international journal "Pesticides and Phytomedicine".
- 63) During the period 26-31/03/2013 he visited the Agriculture Faculty, Plant Protection Department Research, Kahramanmaraş Sütlü İmam University in the frame of the joint research and technology program entitled: "Evaluation of ozone and propylene oxide for Quarantine and Pre-shipment Treatments, as alternatives to Methyl Bromide and other environmental toxicants". During his stay in Kahramanmaraş he had the opportunity to collaborate with the Turkish colleagues Dr Ali Arba Isikber, Dr Mehmet Serdar Ozekin, Dr. Sinan Dayisoğlu, Dr. Ahmet Duman on the control of stored-product pests. Furthermore, he visited the laboratories and facilities of the Agriculture Faculty, Plant Protection Department Research, Kahramanmaraş Sütlü İmam University.
- 64) During the period 01-05/04/2013 he visited the Research and Development Institute for Plant Protection Bucharest (RDIIPPB) in the frame of the joint research and technology program entitled: "Development of diatomaceous earth-based formulations from natural deposits from Greece and Romania, for stored-product protection against insects and mycotoxins". During his stay in Bucharest he had the opportunity to collaborate with the Romanian colleagues Dr Sonica Drosu, Dr Maria Ciobanu, Dr Mirela Dana Cindea, Dr Maria Oprea and Dr Constantina Chirceanu on the application of the experimental protocols of the

program. He gave a lecture with the title: "Aphid parasitoids in southeastern Europe: newest information on their distribution".

65) After invitation from the United States Department of Agriculture (U.S.D.A.) he visited the Center for Grain and Animal Health Research (C.G.A.H.R.) in Manhattan, Kansas, USA during August and September 2013 where he conducted collaborative research with scientists at the Center (Dr Frank Arthur, Research Entomologist and Dr James Campbell, Research Entomologist, evaluated how captures of red flour beetles or confused flour beetles in traps impacts the behavioral response of other individuals to the traps. He participated in experiments to evaluate the suppression of moth captures by mating disruption pheromone dispensers were conducted. He initiated experiments on the evaluation of how temperature, light, and number of traps impacts captures of the confused flour beetle. He also initiated experiments evaluating efficacy of chlorfenapyr and cyfluthrin against red flour beetle and confused flour beetle adults on concrete surfaces stored at different photoperiods. He measured how short term exposures to deltamethrin effected stored product insect mortality and progeny production. And he conducted experiments measuring the efficacy of deltamethrin treated rice when different percentages of the grain were treated using adult lesser grain borers and red flour beetles as the test insects. This research was conducted in the frame of the project entitled "Ecology, Genomics, and Management of Stored Product Insects" which is funded by the United States Department of Agriculture.

66) On 30/08/2013 he gave two lectures at USDA ARS Center for Grain and Animal Health Research entitled: "A survey of aphid parasitoids (Hymenoptera: Braconidae: Aphidinae) of southeastern Europe and their aphid-plant associations" and "Major crops of southeastern Europe: identification, host range and distribution of the aphid parasitoid fauna (Hymenoptera: Braconidae: Aphidinae)".

67) On 12/09/2013 he was chair of the session: "Aphid parasitoids" at the international conference "Ecology of Aphidophaga 12", Belgrade, 09 - 12/09/2013.

68) On 12/09/2013 he was invited speaker in the session "Aphid parasitoids" at the international conference "Ecology of Aphidophaga 12", Belgrade, 09 - 12/09/2013 with the subject: "Parasitoids (Hymenoptera: Braconidae: Aphidinae) of aphids infesting herbaceous and shrubby ornamental plants in southeastern Europe".

69) On 23/10/2013 he was chair of the 8th session: "Chemical Control - Resistance - Ecotoxicology" of the 15th Pan Hellenic Entomological Congress, Kavala, 22 - 25/10/2013.

70) He is member of the Editorial Board of the peer reviewed international journal "Journal of Crop Protection".

71) Editor, together with Christos G. Athanassiou (University of Thessaly, Greece), Pasquale Trematerra (University of Molise, Italy) and Phyllis Weintraub

Coccinellidae) and parasitoids (Hymenoptera: Braconidae: Aphidinae) on *Myzus persicae* (Hemiptera: Aphidoidea) densities on tobacco: a two-year study from Central Greece. *Biologia* 59: 613-619. (Impact Factor 2009 = 0.617, 5-years Impact Factor = 0.470)

32. Tsaganou, F. C., C. J. Hodgeson, C. G. Athanassiou, N. G. Kavalieratos and Z. Tomanović 2004. Effect of *Aphis gossypii* Glover, *Brevicoryne brassicae* (L.), and *Megoura viciae* Buckton (Hemiptera: Aphidoidea) on the development of the predator *Hamonia axyridis* (Pallas) (Coleoptera: Coccinellidae). *Biological Control* 31: 138-144. (Impact Factor 2009 = 1.612, 5-years Impact Factor = 1.810)

33. Tomanović, S., Z. Tomanović, S. Jovanović, P. Boža and N. G. Kavalieratos 2004. *Oenothera biennis* L. An invasive alien plant species as a reservoir of aphidophagous insects in agroecosystems. *Archives of Biological Sciences* 56: 13-14. (Impact Factor 2009 = 0.238)

34. Athanassiou, C. G., N. G. Kavalieratos and N. A. Andris 2004. Insecticidal effect of three diatomaceous earth formulations against adults of *Strophilus oryzae* (Coleoptera: Curculionidae) and *Tribolium confusum* (Coleoptera: Tenebrionidae) on oat, rye and triticale. *Journal of Economic Entomology* 97: 2160-2167. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)

35. Tomanović, Z. and N. G. Kavalieratos 2002. *Trioxys* (Hymenoptera: Braconidae: Aphidinae) in Serbia and Montenegro. *Acta Entomologica Serbica* 7: 67-81.

In this paper we present a review of 11 *Trioxys* species found in Serbia and Montenegro, with their host range pattern. Also, 40 line drawings and a key for the identification of the species are given. All localities are indicated by UTM. *Trioxys pamonicus* Stary is first reported here for the first time in the Serbia and Montenegro.

36. Rakhshani, E., A. A. Talebi, S. E. Sadeghi, N. G. Kavalieratos and A. Rashed 2004. Seasonal parasitism and hyperparasitism of walnut aphid, *Chromaphis juglandicola* (Homoptera: Aphididae) in Tehran province. *Journal of Entomological Society of Iran* 23: 131-143.

37. Kavalieratos, N. G., C. G. Athanassiou, F. G. Pashalidou, N. S. Andris and Z. Tomanović 2005. Influence of grain type on the insecticidal efficacy of two diatomaceous earth formulations against *Rhyzopertha dominica* (F.) (Coleoptera: Bostrychidae). *Pest Management Science* 61: 660-666. (Impact Factor 2009 = 2.190, 5-years Impact Factor = 2.079)

38. Athanassiou, C. G. and N. G. Kavalieratos, 2005. Insecticidal effect and adherence of PyriSec in different grain commodities. *Crop Protection* 24: 703-710. (Impact Factor 2009 = 1.331, 5-years Impact Factor = 1.492)

23. Athanassiou, C. G., N. G. Kavallieratos, B. J. Vayias, A. S. Papagregoriou, C. B. Dimizas and C. Th. Buchelos 2004. Residual toxicity of beta cyfluthrin, alpha cypermethrin and deltamethrin against *Tribolium confusum* Jacquin du Val (Coleoptera: Tenebrionidae) on stored wheat. *Applied Entomology and Zoology* 39: 195-202. (Impact Factor 2009 = 0.616, 5-years Impact Factor = 0.819)
 24. Athanassiou, C. G., N. G. Kavallieratos and B. E. Mazomenos 2004. Effect of trap type, trap color, trapping location and pheromone dispenser on captures of male *Plutella unionalis* (Hübner) (Lepidoptera: Pyralidae). *Journal of Economic Entomology* 97: 321-329. (Impact Factor 2009 = 1.296, 5-years Impact Factor = 1.577)
 25. Rægkou, V. S., C. G. Athanassiou, N. G. Kavallieratos and Ž. Tomanović 2004. Daily consumption and predation rate of different instars of *Stethorus punctillum* Weise (Coleoptera: Coccinellidae) feeding on *Tetranychus urticae* (Koch) (Acari: Tetranychidae). *Phytoparasitica* 32: 154-159. (Impact Factor 2009 = 0.577, 5-years Impact Factor = 0.621)
 26. Kavallieratos, N. G., Ž. Tomanović, P. Starý, C. G. Athanassiou, G. P. Sarlis, O. Petrović, M. Niketić and M. Anagnou-Veroniki 2004. A survey of aphid parasitoids (Hymenoptera: Braconidae: Aphelinidae) of Southeastern Europe and their aphid - plant associations. *Applied Entomology and Zoology* 39: 527-563. (Impact Factor 2009 = 0.616, 5-years Impact Factor = 0.819)
 27. Tomanović, Ž., N. G. Kavallieratos, C. G. Athanassiou, O. Petrović and L. Ž. Stanišavljević 2004. A new *Aphidius* species (Hymenoptera: Braconidae: Aphidinae) from high - montane areas of southeastern Europe. *Phytoparasitica* 32: 221-225. (Impact Factor 2009 = 0.577, 5-years Impact Factor = 0.621)
 28. Mazomenos B. E., C. G. Athanassiou, N. G. Kavallieratos and P. Milonas 2004. Evaluation of the major female *Eurytoma amygdali* sex pheromone components (Z,Z)-6,9-Tricosadiene and (Z,Z)-6,9-Pentacosadiene for male attraction in field tests. *Journal of Chemical Ecology* 30: 1241-1251. (Impact Factor 2009 = 2.411, 5-years Impact Factor = 2.659)
 29. Kavallieratos N. G., Ž. Tomanović, P. Starý, C. G. Athanassiou, C. Fasseas, O. Petrović, L. Stanišavljević and M. Anagnou-Veroniki 2005. *Praon* Haliday (Hymenoptera: Braconidae: Aphelinidae) of Southeastern Europe: key, host range and phylogenetic relationship. *Zoologischer Anzeiger* 243: 181-209. (Impact Factor 2009 = 1.595, 5-years Impact Factor = 1.358)
 30. Rakhshani, E., A. A. Talebi, N. G. Kavallieratos and Y. Fatihpour 2004. Host stage preference, juvenile mortality and functional response of *Trioxys pallidis* (Haliday) (Hymenoptera: Braconidae: Aphelinidae). *Biologia* 59: 197-203. (Impact Factor 2009 = 0.617, 5-years Impact Factor = 0.470)
 31. Kavallieratos, N. G., C. G. Athanassiou, Ž. Tomanović, G. D. Papadopoulos and B. J. Vayias 2004. Seasonal abundance and effect of predators (Coleoptera: (Agricultural Research Organization, Israel) of the Proceedings of the IOBC/WPRS (OILB/SROP) Working Group on Integrated Protection of Stored Products, Bordeaux, France, 01 - 04 July 2013. (IOBC / WPRS Bulletin, 2014, 98: 1-420 pp.).
 - 72) After being invited, he participated, during the period 13-23/07/2014, in the framework of the program "Agrobiodiversity and land-use change in Serbia: an integrated biodiversity assessment of key functional groups of arthropods and plant pathogens" (III43001) which is funded by the Ministry of Education and Science, Republic of Serbia, to the formed international scientific group and cooperated with Professor Dr Željko Tomanović (University of Belgrade, Serbia), Associate Professor Dr Vladimir Žikić (University of Niš, Serbia), Assistant Professor Dr Anđeljko Petrović (University of Belgrade, Serbia). Along with this group he conducted extended samplings in Serbia aiming at the investigation of the relationships of parasitoids - host aphids - host plants in natural agro-ecosystems and at the discovery of new species in science.
 - 73) On 24/11/2014 he was chair of the 8th session: «Residual Insecticides» at the 11th International Working Conference on Stored-Product Protection, Chiang Mai, Thailand, 24-28 November 2014.
 - 74) Editor, together with Manoj Nayak (Department of Agriculture, Fisheries and Forestry, Australia) of the Proceedings of the 8th session: «Residual Insecticides» of the 11th International Working Conference on Stored-Product Protection, Chiang Mai, Thailand, 24-28 November 2014.
- ### List of publications
- #### Ph.D. Thesis
1. Kavallieratos, N. G. 2001. Study of systematics and incidence of appearance of Aphididae parasitoids in Greece. Agricultural University of Athens. 287 pp.
- #### Peer reviewed Journals
2. Kavallieratos, N. G., and D. P. Lykourousis 1999. Parasitoids (Hymenoptera: Braconidae) emerged from aphids (Homoptera: Aphidoidea) on citrus and their frequency in Greece. *Bollettino del Laboratorio di Entomologia Agraria "Filippo Silvestri" di Portici* 55: 93-104.
 3. Kavallieratos, N. G., and D. P. Lykourousis 1999. Redescription of *Aphidius transcaspicus* Telenga and its distinction from *Aphidius colemani* Viereck (Hymenoptera: Braconidae). *Bollettino del Laboratorio di Entomologia Agraria "Filippo Silvestri" di Portici* 55: 105-112.
 4. Kavallieratos, N. G., and D. P. Lykourousis 1999-2000. Two new species of *Praon* Haliday (Hymenoptera: Aphelinidae) from Greece. *Entomologia Hellenica* 13: 5-12.
 5. Kavallieratos, N. G., and D. P. Lykourousis 2004. The coloration of *Aphis gossypii* Glover mummies as a useful tool for Aphelinidae parasitoid

- identification (Hymenoptera: Braconidae). *Israel Journal of Entomology* 34: 75-82.
6. Deligeorgidis, P. N., C. G. Athanassiou and N. G. Kavalieratos 2002. Seasonal abundance, spatial distribution and sampling indices for thrip populations on cotton: a four year survey from central Greece. *Journal of Applied Entomology* 126: 343-348. (Impact Factor 2009 = 1.436, 5-years Impact Factor = 1.316)
7. Kavalieratos, N. G., D. P. Lykouressis, G. P. Sarris, G. J. Stathas, A. Sanchis Segovia and C. G. Athanassiou 2001. The Aphidinae (Hymenoptera: Ichneumonidae: Braconidae) of Greece. *Phytoparasitica* 29: 306-340. (Impact Factor 2009 = 0.577, 5-years Impact Factor = 0.621)
8. Tomanović, Ž., and N. G. Kavalieratos 2002. Two new aphidine wasps (Hymenoptera: Braconidae: Aphidinae) from the southeastern Europe. *Reichenbachia* 34: 341-345.
9. Kavalieratos, N. G., C. G. Athanassiou, G. J. Stathas and Ž. Tomanović 2002. Aphid parasitoids on citrus: seasonal abundance, association with the species of host plant and sampling indices. *Phytoparasitica* 30: 365-377. (Impact Factor 2009 = 0.577, 5-years Impact Factor = 0.621)
10. Kavalieratos, N. G., G. J. Stathas, C. G. Athanassiou and G. Th. Papadoulis 2002. *Ditrichia viscosa* and *Rubus ulmifolius* as reservoirs of aphid parasitoids (Hymenoptera: Braconidae: Aphidinae) and the role of certain coccinellid species. *Phytoparasitica* 30: 231-242. (Impact Factor 2009 = 0.577, 5-years Impact Factor = 0.621)
11. Athanassiou, C. G., N. G. Kavalieratos, F. T. Gravanis, N. A. Koukounitsas and D. E. Roussou 2002. Influence of trap type, pheromone quantity and trapping location, on the capture of the pink bollworm, *Pectinophora gossypiella* (Saunders) (Lepidoptera: Gelechiidae). *Applied Entomology and Zoology* 37: 385-391. (Impact Factor 2009 = 0.616, 5-years Impact Factor = 0.819)
12. Kavalieratos, N. G., C. G. Athanassiou and Ž. Tomanović 2003. A new species and a key to Greek *Praon* Haliday (Hymenoptera: Braconidae: Aphidinae). *Deutsche Entomologische Zeitschrift* 50: 13-22. (Impact Factor 2009 = 0.400, 5-years Impact Factor = 0.351)
13. Tomanović, Ž., N. G. Kavalieratos, C. G. Athanassiou, and O. Petrović 2003. A new *Praon* species (Hymenoptera: Braconidae: Aphidinae) of the *Uroleucon* parasitoid complex from the Mediterranean area. *Phytoparasitica* 31: 19-26. (Impact Factor 2009 = 0.577, 5-years Impact Factor = 0.621)
14. Athanassiou, C. G., N. G. Kavalieratos, N. E. Palyvos and C. Th. Buchelos 2003. Evaluation of the multisurface trap on the capture of *Ephesia kuehniella* Zeller. *Phytoparasitica* 31: 39-50. (Impact Factor 2009 = 0.577, 5-years Impact Factor = 0.621)
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