

Antonios Emmanouil Tsagarakis

Detailed Curriculum Vitae

Personal Details

- **Place and Date of Birth:** Athens, May 28, 1974
- **Marital Status:** Married
- **Professional Status:** Associate Professor
- **Work Address:** Agricultural University of Athens
 - Department of Crop Science
 - Laboratory of Agricultural Zoology & Entomology
 - Laboratory of Sericulture & Apiculture
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1. Education - Biographical Information

- **March 2004 – November 2007**
 - Agricultural University of Athens
 - Ph.D. in Entomology and Zoology
 - Department of Crop Science
 - Laboratory of Agricultural Zoology and Entomology
 - Dissertation Title: "Presence and seasonal fluctuation of mites and the nematode *Tylenchulus semipenetrans* in citrus"
- **October 1999 - March 2001**
 - Agricultural University of Athens
 - MSc in Plant Protection and Environment
 - Department of Crop Science
 - Laboratory of Agricultural Zoology and Entomology
 - Dissertation Grade: Excellent (9.33)
 - Study Title: "Parasitoids of *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae) and their abundance on three citrus species"
- **October 1993 – March 1999**
 - Agricultural University of Athens
 - Bachelor's Degree
 - Department of Crop Science, Plant Protection and Environment Direction
 - Laboratory of Agricultural Zoology & Entomology
 - Degree Grade: Very Good (7.21)
 - Bachelor's Study Title: "Impact of parasitoids on the population dynamics of the citrus leaf miner, *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae), in citrus of the Argos area."

Trainings

- ****September 2019****
 - USDA-ARS, San Joaquin Valley Agricultural Sciences Center
 - Specialized seminar training on Electrical Penetrography. Organized and conducted by Prof. Dr. Elaine Backus (5 days – 50 hours).

- ****September 2016****
 - Universita' Degli Studi Della Tuscia Di Viterbo (Italy)
 - 5-day (40 hours) training on the systematic and bioecology of Typhlocybinae subfamily insects (Hemiptera: Auchenorrhyncha) by Professor Adalgisa Guglielmino and Researcher Dr. Christoph Bückle. Training was part of the Erasmus+ program after evaluation and scoring among the staff of AUA.

- ****July – August 2010****
 - California State University-Fresno
 - Participation in the International Working Group on the application and analysis of Electrical Penetration Graph, EPG (2010 International Workshop on Electrical Penetration Graph, EPG) and subsequent specialized training in EPG on Homoptera. The total cost of travel, accommodation, and participation (\$1700) was covered by the University of Florida.

Languages

- English (Holder of the First Certificate from the University of Cambridge).

Computer Software

- ACTA certification for the use of Word Processor, Spreadsheet, and Internet.
- Proficient in:
 - MS Office up to 2010 (Word, Excel, Power Point)
 - Adobe Photoshop
 - Statistical programs (JMP, SAS, Statistix).

2. Academic Professional Activities

Agricultural University of Athens

- Adjunct Assistant Professor, Laboratory of Sericulture & Apiculture / Laboratory of Agricultural Zoology & Entomology (March 2022 - present)

European University of Cyprus

- Adjunct Assistant Professor, School of Sciences, Department of Computer Science and Engineering (December 2021 - Present)

Agricultural University of Athens

- Teaching and Research Associate at the Laboratory of Agricultural Zoology and Entomology (June 2014 - March 2022)

Agricultural University of Athens

- Research Associate, Laboratory of Agricultural Zoology and Entomology (November 2002 - June 2014)

European University of Cyprus

- Adjunct Lecturer, School of Sciences, Department of Computer Science and Engineering (March 2021 - December 2021)

University of Florida

- Postdoctoral Researcher at the Citrus Research and Education Center of the University of Florida (On educational leave from AUA) (February 2008 - August 2010)

4. Academic Teaching Activities

A. Agricultural University of Athens

- Assigned teaching (in collaboration with other instructors) in the Theory of courses:
 - "General and Systematic Agricultural Zoology"
 - "General Agricultural Zoology and Entomology"
 - "Agricultural Zoology - Entomology"
 - "Special Agricultural Zoology and Entomology"
 - "General and Systematic Agricultural Entomology"
 - "Agricultural Entomology and Zoology"
 - "Pests of Stored Agricultural Products and Foods"
 - "Agricultural Entomology"
 - "Special Topics in Agricultural Zoology and Entomology"
 - "Pests of Field and Greenhouse Crops"

B. Mediterranean Agronomic Institute of Chania (M.A.I.Ch.)

- Member of the Three-Member Advisory Committee of graduate student Simon Blazhevski, who conducted a thesis titled "Evaluation of the effects of nutrition and air ion action on the biology of the tomato leaf miner, *Tuta absoluta* (Lepidoptera: Gelechiidae)."
- External Supervisor for graduate student Mohamed Matared, who is conducting a thesis titled "Potential vectors of phytopathogenic bacterium *Xylella fastidiosa* in Crete: Species, population fluctuation in olive groves, vineyards, citrus orchards, and oleander plants."

C. Università Degli Studi Della Tuscia Di Viterbo (Italy)

- 8-hour lectures under the Erasmus+ Program titled "Auchenorrhyncha as pests in various cultivations in Greece."

3. Research Grants

Agricultural University of Athens

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| 1997 – 1999 | 1. "Integrated Management of Citrus Leaf Miner" (Agronomist-Researcher, administrative support). |
| 2000 | 2. "Production of improved queens for higher yields and resistance to varroa" (Agronomist-Researcher) |
| 2005 – 2007 | 3. "Monitoring and control of insect populations at the Athens International Airport Eleftherios Venizelos" (Agronomist-Researcher) |
| 2006 | 4. "Pest Control – Rodent Control – Disinfection in residential areas" (Agronomist-Instructor) |
| 2012 | 5. "Pest Control – Rodent Control – Disinfection in urban areas" (Agronomist-Instructor) |
| 2013 - 2014 | 7. "Efficacy evaluation of insecticides on the housefly" (Principal Researcher – Scientific Co-responsible) |

- 2013 - 2014 8. "Tests for the evaluation of insecticide effectiveness on the Mediterranean fruit fly" (Lead Researcher – Scientific Co-responsible)
- 2016 – 2018 9. "Monitoring and control of Orthoptera in the region of Agios Efstratios Island" (Lead Researcher – Deputy Scientific Supervisor) (
- 2017 – 2021 10. "Experimental development and application of an eco-innovative research program for the protection of habitats of community importance from Orthoptera and the conservation of biodiversity in the Protected Area NATURA GR4110002" (Lead Researcher – Deputy Scientific Supervisor)
- 2019 – 2021 11. "Experimental treatment of the olive fruit fly using UAV" (Lead Researcher – Scientific Supervisor)
- 2021 – 2022 12. "Optima: Optimization of integrated management using precision spraying for the control of fruit and vegetable diseases" (Researcher)
- 2021 – 13. "Monitoring of insect biodiversity - targeted interventions against Orthoptera in Agios Efstratios" (Scientific Supervisor)
- 2021 - 2022 14. "Pilot research on monitoring the olive fruit fly (*Bactrocera oleae*) using remote control traps" (Scientific Supervisor)
- 2021 – 2022 15. "Quantification and measurement of infection levels from Nosemosis" (Scientific Supervisor at EGZE) - Sub-project of the flagship action "Roads of the Bee"
- 2021 - 16. "Implementation of a Decision Support System using unmanned aerial systems (UAS) and establishment of a Competence Centre for innovative vine-growing to support the sustainable development of precision viticulture in Cyprus and maximize the national oenological potential" (IdEK Cyprus - Scientific Supervisor)
- 2022 - 17. Exposure to electromagnetic fields and planetary health (ETAIN) (Horizon Europe - Scientific Supervisor)
- 2023 - 18. Resilient Beekeeping And Breeding To Safeguard Natural Genetic Resources And Pollination Services - Beeguards (Horizon Europe - Scientific Supervisor)
- 2023 - 19. "Optimization of tobacco cultivation techniques for the prevention of damage from pest-diseases and adaptation to climate change" (M16 - Scientific Supervisor)
- 2023 - 20. "Ensuring Production and Improving the Quality of Honey in the Cyclades through Mapping of Beekeeping Flora and Estimation of Beekeeping Capacity" (M16 - Scientific Supervisor)
- 2023 - 21. "Pilot Treatment of Locusts using Precision Crop Protection in the region of Kompotades, Fthiotida" (M16 - Scientific Supervisor)

University of Florida

- 2008 - 2009 1. "Effects of Insecticides on Pathogen Transmission" (Investigator)
- 2008 - 2009 2. "Citrus Psyllid Population Dynamics" (Investigator)
- 2008 - 2009 3. "Huanglongbing: Understanding the Vector-Pathogen" (Investigator)

- 2008 - 2009 4. "Direct Grower Assistance: Development and Evaluation of Huanglongbing" (Investigator)
- 2009 - 2010 5. "Strategies to minimize growth flushes of mature citrus trees with pruning practices and plant growth regulators to reduce psyllid feeding" (co – Principal Investigator, co-PI)
- 2009 - 2010 6. "Effects of nutrition and host plant on biology and behavior of the Asian citrus psyllid and implications for managing psyllid populations" (co – Principal Investigator, co-PI)

4. Publications

A. Theses

- A1. Master's Thesis Tsagarakis, A.E. 2001. Parasitoids of *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae) and their abundance on three citrus species. Agricultural University of Athens, 84 pages.
- A2. Doctoral Thesis Tsagarakis, A.E. 2007. Presence and seasonal variation of microarthropods and the nematode *Tylenchulus semipenetrans* in citrus. Agricultural University of Athens, 292 pages.

B. Scientific manuscripts

1. Lykouressis D., Perdikis D. and Tsagarakis A. 2000. Polyphagous mirids in Greece: Host plants and abundance in traps placed in some crops. *Bollettino del Laboratorio di Entomologia Agraria Filippo Silvestri* 56: 57-68.
2. Tsagarakis, A.E. and N.G. Emmanouel. 2006. Presence of *Donacia (Donaciella) cinerea* Herbst (Coleoptera: Chrysomelidae: Donaciinae) on *Typha* sp. in Greece. *Annals of the Benaki Phytopathological Institute, (N.S.)*, 20: p.120-124.
3. Tsagkarakis, A.E. and M.E. Rogers. 2010. Suitability of 'Cleopatra' mandarin as a host plant for *Diaphorina citri* (Hemiptera: Psyllidae). *Florida Entomologist* 93: 451-453
4. Tsagkarakis, A.E., N.G. Emmanouel, H.N. Panou, E.V. Kapaxidi and G.Th. Papadoulis. 2011. Composition and seasonal abundance of mites associated with citrus in Greece. *Int. J. Acarology* 37:supl, 252-259.
5. Tsagkarakis, A.E., N.G. Emmanouel and G.N. Scarakis. 2011. First record of *Stenodiplosis sorghicola* (Coquillett) (Diptera: Cecidomyiidae) on sorghum in Greece. *Entomologia Hellenica* 20: 48-52.
6. Tsagkarakis, A.E., D.Ch. Perdikis and D.P. Lykouressis. 2011. Seasonal abundance and within tree spatial distribution of citrus leafminer, *Phyllocnistis citrella* (Lepidoptera: Gracillariidae). *Entomologia Generalis* 33(3): 165-174.
7. Kalaitzaki, A.P., A.E. Tsagkarakis and D.P. Lykouressis. Population fluctuation of *Phyllocnistis citrella* and its parasitoids in two citrus species in Western Crete (Greece). *Entomologia Hellenica* 20: 31-44.

8. Tsagkarakis, A.E., T.E. Spann and M.E. Rogers. Applications of Plant Growth Regulators to Container-grown Citrus Trees Affect the Biology and Behavior of the Asian Citrus Psyllid. *Journal of the American Society of Horticultural Science* 137(1): 3-10.
9. Tsagkarakis, A.E. Predatory behavior of phytophagous thrips on Asian citrus psyllid, *Diaphorina citri* Kuwayama, and citrus leafminer, *Phyllocnistis citrella* Stainton. *Entomologia Generalis* 34:30-32
10. Tsagkarakis, A.E. 2012. First record of *Siphoninus phillyreae* (Haliday) (Hemiptera: Aleyrodidae) on pomegranate in Greece. *Entomologia Hellenica* 21: 39-43
11. Papadoulis, G.Th. and A.E. Tsagkarakis. 2012. First record of *Lilioceris lillii* (Scopoli) (Coleoptera: Chrysomelidae) in Greece. *Entomologia Hellenica* 21: 69-73
12. Kalaitzaki, A.P., A. Amara and A.E. Tsagkarakis. 2013. Seasonal phenology and relative preference of *Closterotomus (Calocoris) trivialis* (Hemiptera: Miridae) on olive, citrus and associated host plants in the field. *Applied Entomology and Zoology* 48: 57-63 DOI 10.1007/s13355-012-0151-5
13. Tsagkarakis, A.E., A.P. Kalaitzaki and D.P. Lykouressis. 2013. *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae) and its parasitoids on three citrus varieties in Greece. *Phytoparasitica* 41: 23-29
14. Tsagkarakis, A.E., D.Ch. Perdikis and D.P. Lykouressis. 2013. Introduced and native parasitoids of *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae) in Greece: Short term post - release evaluation. *Phytoparasitica* 41: 417-428
15. Antonatos, S., N. Emmanouel, A. Fantinou, A. Tsagkarakis, A. Anagnostopoulos, and D. Ntampakis. 2014. Seasonal population fluctuation and spatial distribution of Orthoptera in two grassland areas of Attica–Greece. *Journal of Natural History* 48: 661–674.
16. Tsagkarakis, A.E., A.P. Kalaitzaki and G.N. Balotis. 2014. Note on *Glycaspis brimblecombei* Moore (Hemiptera Psyllidae): a new pest of Eucalyptus in Greece. *Advances in Entomology* 1: 57-59
17. Tsagkarakis, A.E., N.G. Emmanouel, F.S. Gkatzios, E. Venaki, V. Gletzaki, E.V. Kapaxidi and G.Th. Papadoulis. 2014. Composition and seasonal abundance of mites on three citrus species in Greece. *International Journal of Acarology* 40: 493-500.
18. Tsagkarakis, A.E., E.I. Arapostathi and G.I. Strouvalis. 2015. First record of the black soldier fly, *Hermetia illucens*, in Greece. *Entomologia Hellenica* 24: 27-30
19. Tsagkarakis, A.E., Ch. Rokkas and I. Katsimpoulas. 2015. Experimental Treatment with the Natural Water Acidifier Provigoro® for *Nosema* spp. Control: Preliminary Results. *Advances in Entomology* 3: 83-85 <http://dx.doi.org/10.4236/ae.2015.33009>
20. Tsagkarakis, A.E., A.Ch. Papathanasis, E.N. Karamatzoglou, G.T. Papadoulis and M. Papafotiou. 2016. Effects of plant growth regulators on survival and fitness of the

oleander aphid, *Aphis nerii* (Homoptera: Aphididae), and the citrus mealybug, *Planococcus citri* (Homoptera: Pseudococcidae). Acta Horticulturae 1105: 197-203

21. Tsagkarakis, A.E., Y. Ben-Dov and G.Th. Papadoulis. 2016. First record of the invasive species *Parasaissetia nigra* in Greece. Entomologia Hellenica 25: 12-15
22. Kalaitzaki, A.P., A.E. Tsagkarakis and A. Ilias. 2016. First record of the nesting whitefly, *Paraleyrodes minei*, in Greece. Entomologia Hellenica 25: 16-21
23. Tsagkarakis, A.E. and N.G. Emmanouel. 2016. A Note on the natural relocation of *Marchalina hellenica* (Gennadius) from pine to fir trees. Advances in Entomology 4: 163-166
24. Tsagkarakis, A.E., R. Babili, P. Harizanis and D.Ch. Perdikis. 2016. Extracts of *Melia azedarach* increases mulberry whitefly mortality without affecting silkworm survivorship. Advances in Entomology 4: 293-298
<http://dx.doi.org/10.4236/ae.2016.45030>
25. Wang, J-R., D. Perdikis, Ch. Chalkia, P. Harizanis, A. Kalaitzaki, A. Tsagkarakis, Z-H. Xu and Y-Z. Du. 2016. The Occurrence of *Pealius mori* (Takahashi), *Pealius machili* Takahashi and *Paraleyrodes minei* Iaccarino (Hemiptera: Aleyrodidae) Infesting Mulberry *Morus alba* in The Hellenic Republic. Annales de la Société entomologique de France (N.S.) 52(5):281-288. <http://dx.doi.org/10.1080/00379271.2016.1259586>
26. Tsagkarakis, A.E. *, Katsikogianni, T., Gardikis, K., Katsenios, I., Spanidi, E. and Balotis G.N. 2017. Comparison of Traps Collecting Propolis by Honey Bees. Advances in Entomology 5: 68-74
27. Tsagkarakis, A.E. * and A.D. Margiotoudis. 2017. Foliar Applications with Plant-Derived Extracts Control Pistachio Psyllid, *Agonoscena pistaciae*. Advances in Entomology 5: 87-92
28. Sideris, V.F. and A.E. Tsagkarakis*. 2017. Immature Development Time of *Hermetia illucens* L. in Different Varieties of Feed. Advances in Entomology 5: 109-114.
29. Blazhevski, S., A.P. Kalaitzaki and A.E. Tsagkarakis*. 2018. Impact of nitrogen and potassium fertilization regimes on the biology of the tomato leaf miner *Tuta absoluta*. Entomologia Generalis 37: 157-174
30. Kalaitzaki, A.P., A.E. Tsagkarakis, D. Perdikis and D.P. Lykouressis. 2018. Effect of temperature, host plant, and host instar on the development and survival of the parasitoid *Semielacher petiolatus*. Bulletin of Insectology 71: 151-158.
31. Thanou, Z.N., Afentoulis, D.G., Koufopoulou, P., Ampatzi, A.P., Lekkou, S.D., Koutsogiannopoulou, A., Bravou, A.A., Stamatakou, G.D., Voulgaraki, K.N., Piperkas, A., Chalдайiou, A., Kalaitzaki, A.P. and A.E. Tsagkarakis*. 2018. New records and updated checklist of Cicadomorpha (Hemiptera: Auchenorrhyncha) species from Greece. Zootaxa 4413: 133-157.

32. Tsagkarakis, A.E. *, Afentoulis, D.G., Matared, M., Thanou, Z.N., Stamatakou, G.D., Kalaitzaki, A.P., Tzobanoglou, D.K., Goumas, D., Trantas, E., Zarboutis, I., Perdikis, D.C.. 2018. Identification and Seasonal Abundance of Auchenorrhyncha With a Focus on Potential Insect Vectors of *Xylella fastidiosa* in Olive Orchards in Three Regions of Greece. *Journal of Economic Entomology* 111: 2536-2545
33. Kroustallaki M., K. C. Lampropoulos, E. Delegou, E. Alexakis, A. Tsagarakis, H. Mouzakis, M. Korres and A. Moropoulou. 2019. Diagnostic Research of the Dome of the Superstructure of the Holy Aedicule of the Holy Sepulchre in Jerusalem-Suggestions for Maintenance and Rehabilitation. In: Osman A., Moropoulou A. (eds) *Nondestructive Evaluation and Monitoring Technologies, Documentation, Diagnosis and Preservation of Cultural Heritage*. Springer Proceedings in Materials. Springer, Cham. https://doi.org/10.1007/978-3-030-25763-7_1 (
34. Thanou, Z.N., Kontogiannis, E.G. and A.E. Tsagkarakis*. 2020. Impact of weeds on Auchenorrhyncha incidence and species richness in citrus orchards. *Phytoparasitica*. <https://doi.org/10.1007/s12600-020-00857-w>
35. Theodorou, D., I. Koufakis, Z. Thanou, A. Kalaitzaki, E. Chaldeou, D. Afentoulis and A. Tsagkarakis*. 2021. Management system affects the presence, diversity and seasonal fluctuation of *Xylella fastidiosa* potential vectors and other Auchenorrhyncha (Hemiptera) in the olive agroecosystem. *Bulletin of Insectology* 74(1): 27-40.
36. Meimeti, E., Loupa, C., Lykoudi, E., Arapostathi, E., Tsagkarakis, A., Papavramidou, N., Rallis, M., Galanis, I. 2021. Maggot Debridement Therapy: From the Battlefields and Soldiers to Today's Clinical Trials. *International Journal of Caring Sciences* 14: 787-793.
37. Kalaitzaki, A. P., D. Ch. Perdikis, A. E. Tsagkarakis, I. E. Koufakis and D. P. Lykouressis. 2021. Life table and biological characteristics of the parasitoid *Semiolacher petiolatus* reared on *Phyllocnistis citrella*. *Bulletin of Insectology* 74(1): 129-137.
38. Sideris, V., Georgiadou, M., Papadoulis, G., Mountzouris, K., and Tsagkarakis, A*. 2021. Effect of Processed Beverage By-Product-Based Diets on Biological Parameters, Conversion Efficiency and Body Composition of *Hermetia illucens* (L) (Diptera: Stratiomyidae). *Insects* 12, 475. <https://doi.org/10.3390/insects12050475>
39. Koufakis I.E., Pappas M.L., Kalaitzaki A.P., Tsagkarakis A.E., Thanou Z.N., Tzobanoglou D.K., Broufas G.D. 2022. First record of two leafhoppers, *Euscelis ohausi* and *Euscelidius variegatus*, for the island of Crete, Greece (Hemiptera: Cicadellidae). *Fragmenta Entomologica*, 54 (1), pp. 185 - 192 DOI: 10.13133/2284-4880/447
40. Tsagkarakis A., Thanou Z., Chaldeou A., Moschou I., Kalaitzaki A., Drosopoulos S. 2022. New Records and Updated Checklist of the Pentatomoidea (Hemiptera: Heteroptera) of Greece. *Insects*, 13 (8).
41. Kalaitzaki A., Amara A., Dervisoglou S., Perdikis D., Tzobanoglou D., Koufakis I., Tsagkarakis A. 2023. Effect of host plant species and temperature on the development and survival of the plant bug *Closterotomus trivialis* (Costa) (Hemiptera: Miridae). *Phytoparasitica*, 51 (1), pp. 19 - 28 DOI: 10.1007/s12600-022-01030-1

42. Fragkiadaki V., Lazaridi E., Suso M.J., Tsagkarakis A., Ortiz-Sánchez F.J., Bebeli P.J. 2023. The Relation between Flower Traits of Bitter Vetch Landraces and Potential Insect Pollinators' Visitation. *Ecologies*, 4 (3), pp. 595 - 613 DOI: 10.3390/ecologies4030039
43. Rakopoulou G., Alexiou S., Tsagkarakis A. 2023. Diptera collected with baited traps in the urban area of Athens, Greece. *Studia Dipterologica* 24 (2): 229–237

C. Scientific manuscripts in International Congresses

1. Spann, T.M., A.E. Tsagkarakis and J.P. Syvertsen. 2009. Managing Citrus Tree Growth with Hedging and Plant Growth Regulators: Strategies for Reducing Psyllid Feeding and Huanglongbing Infection. 2009 Annual meeting of the Florida State Horticultural and Florida Soil and Crop Science Societies. Jacksonville, Florida, June 7 - 9, 2009. *Proc. Fla. State Hort. Soc.* 122:161–165.
2. Spann, T.M., A.E. Tsagkarakis and J.P. Syvertsen. 2009. Prohexadione calcium (Apogee®) reduces growth of container grown citrus rootstock seedlings. 36th Annual Meeting of the Plant Growth Regulation Society of America. Asheville, North Carolina, August 26, 2009.
3. Koufakis, I., M. Pappas, A. Kalaitzaki, A. Tsagkarakis, D. Tzobanoglou, D. Perdakis, G. Broufas. 2019. *Philaenus spumarius* (L.) (Homoptera: Aphrophoridae) and other potential insect vectors of *Xylella fastidiosa* in Western Crete (Greece) olive groves. *IOBC-WPRS Bulletin* 141: 82-86.
4. Kalaitzaki, A., I. Koufakis, E. Vasakis, G. Broufas, M. Pappas, A. Tsagkarakis, D. Tzobanoglou, E. Roditakis. 2019. Potential Auchenorrhyncha vectors of *Xylella fastidiosa* in Crete (Greece): Survey, identification, seasonal abundance and vector management tactics. *IOBC-WPRS Bulletin* 141: 100-103.
5. Kalaitzaki, A., A. Amara, S. Dervisoglou, D. Tzobanoglou, D. Perdakis, A. Tsagkarakis. 2019. Effect of diet and temperature on the development and survival of *Closterotomus trivialis* (Hemiptera: Miridae). *IOBC-WPRS Bulletin* 141: 121-123.