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### Research Interests

- Biological Control in orchards
- Ecology and interactions in ladybirds.
- Seasonal history, damage and management of fruit tree and vineyard pests.
- Zoogeography, systematics, biology and control of scale insects.
- Chemical ecology, insect-plant interactions and herbivore-beneficials interactions.
- Reproductive behavior.

### EDUCATION

- **2002 (PhD) (Entomology)**, Department of Agriculture, Aristotle University of Thessaloniki
- **1996 (MSc): Crop Protection**, Aristotle University of Thessaloniki
- **1994 (B.S.) Agriculture**, Aristotle University of Thessaloniki

### EMPLOYMENT

- 2010- Present, Associate Research scientist, Benaki Phytopathological Institute, Department of Entomology & Agricultural Zoology
- 2007 – 2010, Senior Research scientist, Benaki Phytopathological Institute, Department of Entomology & Agricultural Zoology
- 2004 – 2007, Research scientist, Benaki Phytopathological Institute, Department of Entomology & Agricultural Zoology
- 03/08-08/08 Lecturer in University of Thessaly, Department of Agriculture, Crop Production and Environment
- 03/07-08/07 Lecturer in University of Thessaly, Department of Agriculture, Crop Production and Environment
- 2003-2004, Collaborating Research scientist, National Centre for Scientific Research, “Demokritos”, Institute of Biology, Lab of Chemical Ecology and Natural Products
- 2001-2003, Experimentalist in field crops, Golden West seed Company, Greece, R&D Department,

- 1995-2000, Field Technician in experimental activities of Dow Agrosciences in Greece,
- 1995-2000, Collaborating Research scientist, Aristotle University of Thessaloniki, Greece,

### Selected Projects

- 2009-2010, Ministry of foreign affairs, Hellenic Aid, Upgrading olive cultivation in Palestine
- 2007-08, Ministry of Development, General Secretariat of Research & Technology, Bilateral cooperation with France, Sustainable control of *Planococcus citri* and *P. ficus* in citrus orchards and vineyards using indigenous predatory specie
- 2007-08, Ministry of Development, General Secretariat of Research & Technology, Bilateral cooperation with Tunisia Study of some local *Trichogramma* strains (Hymenoptera, Trichogrammatidae) behaviour toward synthetic pheromone components and male body extracts of *Prays oleae* Bern. (Lepidoptera, Hyponomeutidae) in the perspective of biological control of the pest
- BASF Hellas 2009 Mating disruption of *Lobesia botrana* in Nemea region, Greece
- VIORYL 2007 «Efficiency of new natural pesticides against aphids and whiteflies in greenhouse crops, tomato and cucumber»
- 2005-06, Ministry of Rural Development and Food Measures taken for control of vine mealybug, *Planococcus ficus* 2006
- EU, LIFE (2009-2011), Strategic plan for the adaptation and application of the principles for the sustainable use of pesticides in a vulnerable ecosystem.
- EU, FP7(2009-2011) Development of Benaki Phytopathological Institute as a Centre of Excellence in Plant Health and Crop Protection.: European Union (FP7-REGPOT-2008-1).
- FP7, 2012-2014, Strategies for the eradication and containment of the invasive pests *Rhynchophorus ferrugineus* Olivier and *Paysandisia archon* Burmeister. European Union
- 2007-08, Ministry of Development, Bilateral cooperation with Poland, Use of entomopathogenic fungus to control insect pests in greenhouses
- 2006-2008 GSRT, Ministry of Development, AKMON Optimization of procedures in crop production

### Refereed publications (max 2000)

- Martinou AF, Papachristos D, **Milonas PG. 2011.** Report of the Geranium Bronze butterfly, *Cacyreus marshalli* for mainland Greece. Hellenic Plant Protection Journal, 4:31-34.
- Panagiotis G. **Milonas** , Dimitrios Ch.Kontodimas, Angélique F. Martinou. **2011.** A predator's functional response: influence of prey species and size. Biological Control, 59: 141-146. doi: 10.1016/j.biocontrol.2011.06.016.
- Nickolaos E. Papanikolaou, Angeliki F. Martinou, Dimitrios C. Kontodimas, Yiannis G. Matsinos and Panagiotis G. **Milonas. 2011.** Functional responses of immature stages of *Propylea quatuordecimpunctata* (Coleoptera: Coccinellidae) to *Aphis fabae* (Hemiptera: Aphididae). Eur. J. Entomol. 108: 391–395.
- Pavel Lauterer, Rastislav Bartoš And Panagiotis **Milonas 2011.** First Records of the Jumping Plant-Louse *Acizzia jamatonica* (Kuwayama) (Hemiptera: Sternorrhyncha: Psyllidae) in Slovakia and Greece. Plant Protect. Sci. Vol. 47, (1): 37–40.

- **Milonas**, PG; Farrell, S.; Andow, D. **2011**. Experienced males have higher mating success than virgin males despite fitness costs to females. *Behavioral Ecology and Sociobiology*, 65: (6), 1249-1256, DOI: 10.1007/s00265-011-1138-x.
- **Milonas** PG., D. Ch. Kontodimas, A. Michaelakis, D. G. Raptopoulos, and M. A. Konstantopoulou. **2010**. Optimization of pheromone trapping method for click beetles, *Agriotes* sp. (Coleoptera: Elateridae) in Greece. *Phytoparasitica*, 38: 429--434.
- **Milonas**, P.G. and D.A. **2010**. Andow. Virgin male age and mating success in *Ostrinia nubilalis* (Lepidoptera: Crambidae). *Animal Behavior* 79: 509-514.
- Martinou A.F., Raymond B., **Milonas** P.G., Wright D.J. **2010**. Impact of intraguild predation on parasitoid foraging behaviour. *Ecological Entomology* 35, 183–189.
- P. G. **Milonas**, A. F. Martinou, D. Ch. Kontodimas, F. Karamaouna and M. A. Konstantopoulou. **2009** Attraction of different *Trichogramma* species to olive moth sex pheromone. *Annals of Entomological Society of America* 102:1145-1150.
- A.F. Martinou, P.G. **Milonas**, D.J. Wright. **2009**. Patch residence decisions made by *Aphidius colemani* in the presence of a facultative predator. *Biological Control*, 49:234-238.
- **Milonas** P.G., Konstantopoulou M. and Mazomenos B. **2009**. Kairomonal effect of sex pheromone components of two Lepidopteran olive pests on *Trichogramma* wasps. *Insect Science*, 16:131-136.
- **Milonas** P.G., F. Kozar, and D.C. Kontodimas. **2008**. New data to the scale insects (Homoptera: Coccoidea) in the Greek entomofauna. *Hellenic Plant Protection Journal*, 1:32-34.
- **Milonas** P.G. and F. Kozar. **2008**. Check list of mealybugs (Homoptera: Pseudococcidae) in Greece: 3 new records. *Hellenic Plant Protection Journal*, 1:35-38.
- DC. Kontodimas, **PG. Milonas**, GJ. Stathas, N. Papanikolaou, A Skourti And YG. Matsinos. **2008**. Life table parameters of the aphid predators *Coccinella septempunctata*, *Hippodamia undecimnotata* and *Propylea quatuordecimpunctata* (Coleoptera: Coccinellidae). *Eur. J. Entomol* 105: 425-430.
- Papachristos, D.P. and PG **Milonas**, **2008**. Adverse effects of soil applied insecticides on the predatory coccinellid *Hippodamia undecimnotata* (Coleoptera: Coccinellidae). *Biological Control*, 47:77-81.
- Stephen D. Gaimari, **Panagiotis Milonas** & Constantinos Souliotis. 2007. Notes on the Taxonomy, Biology and Distribution of *Neoleucopis kartliana* (Tanasijtshuk) (Diptera: Chamaemyiidae). *Folia Heyrovskyana* 15:7-16.
- M.A. Konstantopoulou, **P. Milonas** and B.E. Mazomenos. **2006**. Insecticidal Activity of Toxic Metabolites Secreted by a *Mucor hiemalis* Strain (SMU-21) in Liquid Culture Media against Adults of *Bactrocera oleae* and *Ceratitidis capitata* (Diptera: Tephritidae); Partial Purification of the Active Chemicals. *J. Econ. Entomology*,. **99**: 1657-1664.
- Herz A, Hassan, S.A., Hegazi, E., Khafagi, W.E., Nasr, F.N., Youssef, A.I., Agamy, E., Blibech, I., Ksentini, I., Ksantini, M., Jardak, T., Bento, A., Pereira, J.A., Torres, L., Souliotis, C., Moschos, T., **Milonas**, P. **2007**. Egg parasitoids of the genus *Trichogramma* (Hymenoptera, Trichogrammatidae) in olive groves of the Mediterranean region. *Biological Control*, **40**: 48-56
- E.M. Hegazi, M.A. Konstantopoulou, **P. Milonas**, A. Herz, W.E. Khafagi, A. Zaitun, S. Mostafa, I. Helal, and S. El-Kemny, B.E. Mazomenos. **2007**. Mating disruption of the jasmine moth *Palpita unionalis* (Lepidoptera: Pyralidae) using the

two pheromone components blend: A case study over three consecutive olive growing seasons in Egypt. *Crop protection*, **26**: 837–844

- S. S. Andreadis, F. Álvarez-Alfageme, I. Sánchez-Ramos, T. J. Stodola, D. A. Andow, **P. G. Milonas**, M. Savopoulou-Soultani, and P. Castañera. **2007**. Frequency of Resistance to *Bacillus thuringiensis* Toxin Cry1Ab in Greek and Spanish Population of *Sesamia nonagrioides* (Lepidoptera: Noctuidae). *J. Econ. Entomol*, **100** (1): 195—201
- Kontodimas D.C., **P.G. Milonas**, G.J. Stathas, L.P. Economou and N.G. Kavallieratos. **2007**. Life table parameters of the pseudococcid predators *Nephus includens* and *Nephus bisignatus* (Coleoptera: Coccinellidae). *Eur. J. Entomol* **104** (3):407-415