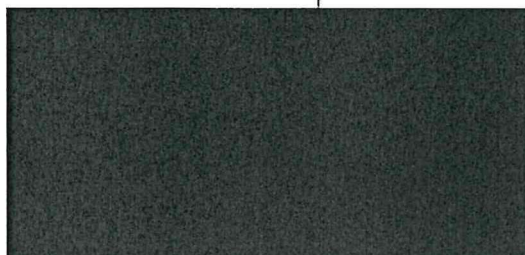


## PERSONAL INFORMATION

Nicola Mori



Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input checked="" type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

## WORK EXPERIENCE

2020 - currently	Associate Professor in General and Applied Entomology (AGR/11) at the Biotechnology Department - University of Verona. Teaching courses include General and Applied Entomology in Viticulture, Food protection management, Biotechnology in crop pest management. Research and experimentation assignment on Epidemiology and transmission of phytopathogenic agents, Integrated pest management in agricultural crops, Side effects of insecticides on beneficial organisms in agro-ecosystems. Sector: Tertiary education and research
2019 - 2020	Associate Professor in General and Applied Entomology (AGR/11) at the Environmental Agronomy and Crop Protection Department - University of Padova. Teaching courses include General and Applied Entomology in Viticulture, Plant Health Biotechnologies, Food protection management, Nematology and Acarology, Biotechnology in crop pest management (2017/18), Sustainable use of pesticide. Research and experimentation assignment on Epidemiology and transmission of phytopathogenic agents, Integrated pest management in agricultural crops, Side effects of insecticides on beneficial organisms in agro-ecosystems. Sector: Tertiary education and research
2009 - 2018	Researcher in General and Applied Entomology (AGR/11). Teaching courses include General and Applied Entomology in Viticulture, Plant Health Biotechnologies, General Biology. Research and experimentation assignment on Epidemiology and transmission of phytopathogenic agents. Sector: Tertiary education and research
2003-2008	Research and experimentation assignment on Epidemiology and transmission of phytopathogenic agents, Integrated pest management in agricultural crops, Side effects of insecticides on beneficial organisms in agro-ecosystems funded by Phytosanitary Service of Veneto, Emilia Romagna and Abruzzo Region, Agro-environmental Sciences and Technologies Department of University of Bologna
2001-2002	Research assignment at the Entomological Section of the Environmental Agronomy and Vegetable Production Department

## EDUCATION AND TRAINING

2010	Scholarship at the AlPlanta- Institute for Plant Research Neustadt / W., Germany
1998 - 2000	PhD in Crop Protection at the Biology and Plant Protection Department of University of Udine.
1990 - 1996	Laurea (Joint B.Sc. and M. Sc.) in Agricultural Science at the Environmental Agronomy and Vegetable Production Department - University of Padova

## PERSONAL SKILLS

Mother tongue(s)	Italian
Other language(s)	English (proficiency user)

Job related skills	Scientific activities on fundamental and applied aspects of pest management to development a sustainable production in agriculture. Developing effective, innovative, practical and sustainable strategies to protect the main fruit crops and vines from native and recently introduced pests. Research on more efficient monitoring methods, use of mass-trapping, biocontrol agents, parasitoids and predators in integration with chemical and cultural practices on drupaceous plants, grapevines, olive trees and maize. Surveys on toxicological and ecotoxicological studies of pesticides on pollinators and other beneficials. research of physiological and biochemical activity of pesticides and mechanisms of resistance of pest organisms. Good experience in pesticide products based on naturally occurring substances and agents development of new plant protection technologies aimed at ensuring high-quality food products. Together with my research team, investigations on the interactions between phytopathogenic agents-insect vector-host plant of the main phytoplasma diseases in grapevine, fruit crops and cereals. .
Digital skills	Information processing, communication, content creation, problem solving (Independent user). Expert user of Microsoft Office, R-statistical analysis, and several equipment-related software
Other skills	Scientific activities have been carried out through funding from the European Union (EU project LIFE "Waxy matrix with embedded chemicals. A new Integrated Pest Management technology for a sustainable use of pesticides (WAMEC 4 IPM)"; FP7 Framework "Strategies to develop effective, innovative and practical approaches to protect major European fruit crops from pests and pathogens (DROPSA) and Italian National (PRIN-MIUR, Cariparo Foundation) and Regional (Veneto, Lombardia, Abruzzo, Trento, Emilia Romagna) research projects, where I acted as Coordinator and as the Leader of a Research Unit. Part of the Management Committee of the Working Group International Organization for Biological and Integrated Control – West Palaearctic Regional Section (IOBC/WPRS), Group "Integrated Protection in Viticulture" Subgroup "Insects". At National level, I'm the coordinator of the Technical-scientific Group on Cherry pest, member of the Technical-scientific Group on Quarantine Pest and member of the Task Force on Olive Quick Decline Syndrome disease - Working group Ecology and Management of insect vectors. I'm in partnership with CHAFEA (Consumers, Health, Agriculture and Food Executive Agency) - concerning the organization and implementation of training activities on the sustainable use of pesticides, with a focus on Integrated Pest Management under the EUROPEAN PROGRAM "Better Training for Safer Food" (Call EU/BTFS - 2017 96 13). Part of Referee Board for the journals: Bulletin of Insectology, Journal of Applied Entomology, Crop Protection, Journal of Economic Entomology, Journal of Pest Science, Phytopathology, Plant Disease, Annals of Applied Biology, European Journal of Plant Pathology, Insects , Entomologia Generalis, Scientific reports. Part of the Editorial Board for Phytopathogenic Mollicutes (International Journal on Phytoplasma, Spiroplasma and other Phloem-limited Pathogens). I'm a member of the Italian Society of Entomology (SEI), the Italian Society for Plant Protection (AIPP), the International Council for the Study of Virus and Virus-like Diseases of the Grapevine (ICVG) and the American Entomological Society (APS).

ADDITIONAL INFORMATION

Publications  
(peer reviewed 2022-23)

Gilioli G., Sperandio G., Simonetto A., Colturato M., Battisti A., Mori N., Ciampitti M, Beniamino B., Bianchi A., Gervasio P.. (2022) Modelling diapause termination and phenology of the Japanese beetle, *Popillia japonica*. *Journal of Pest Science* (2022) 95:869–880 <https://doi.org/10.1007/s10340-021-01434-8>

Cappellari Andree, Santoiemma Giacomo, Sanna Francesco, D'Ascenzo Domenico Mori Nicola, Lami Francesco, Marini Lorenzo (2022). Spatio-temporal dynamics of vectors of *Xylella fastidiosa* subsp. *pauca* across heterogeneous landscapes. *Entomologia Generalis* DOI: [10.1127/entomologia/2022/1427](https://doi.org/10.1127/entomologia/2022/1427)

Checchia I., Perin C., Mori N. and Mazzon L. (2022) Oviposition deterrent activity of fungicides and low-risk sub-stances for the integrated management of *Bactrocera oleae* (Diptera, Tephritidae). *Insects*: 13, 363. <https://doi.org/10.3390/insects13040363>

Glazer, I., Santoiemma, G., Battisti, A., De Luca, F., Fanelli, E., Troccoli, A. et al. (2022) Invasion of *Popillia japonica* in Lombardy, Italy: Interactions with soil entomopathogenic nematodes and native grubs. *Agricultural and Forest Entomology*, 1–9 <https://doi.org/10.1111/afe.12524>

Simonetto A., Sperandio G., Battisti A., Mori N., Ciampitti M., Cavagna B., Bianchi A., Gilioli G. (2022). Exploring the main factors influencing habitat preference of *Popillia japonica* in an area of recent



introduction. *Ecological Informatics* <https://doi.org/10.1016/j.ecoinf.2022.101749>

Abdelhameed M., Quaglino F., Faccincani M., Serina F., Torcoli S., Miotti N., Passera A., Casati P., Mori N. (2022) Grafting of recovered shoots reduces bois noir disease incidence in vineyard. *Crop Protection* <https://doi.org/10.1016/j.cropro.2022.106058>

Shawer R., El-Leithyde E.S., Abdel-Rashid R., Eltaweil A.S., Baeshen R.S., Mori N. (2022) Preparation of lambda cyhalothrin-loaded chitosan nanoparticles and their bioactivity against *Drosophila suzukii*. *Nanomaterials* 2022, 12, 3110. <https://doi.org/10.3390/nano12183110>

Lisi F., Biondi A., Cavallaro C., Zappalà L., Mori N., Anfora G., Fellin L., Rossi Stacconi M.V. (2022) Current status of the classical biological control of *Drosophila suzukii* in Italy. (2022) *Acta Hort.* 1354. ISHS 2022. DOI 10.17660/ActaHortic.2022.

72. Prazaru S.C., D' Ambrogio L., Dal Cero M., Rasera M., Cenedese G., Guerrieri E., Pavasini M., Mori N., Pavan F., Duso C. (2023) Efficacy of Conventional and Organic Insecticides against *Scaphoideus titanus*: Field and Semi - Field Trials. *Insects*, 14, 101. <https://doi.org/10.3390/insects14020101>

Dalmaso G., Ioriatti C., Gualandri V., Zapponi L., Mazzoni V., Mori N., Baldessari M. (2023) *Orientus ishidae* (Hemiptera: Cicadellidae): biology, direct damage and preliminary studies on apple proliferation infection in apple orchard Accepted with minor revision to *Insects* Manuscript ID: insects-2222157 *Insects*, 14, 246. <https://doi.org/10.3390/insects14030246>

Perin C., Martinez Isabel, Carofano I., Mori N., Santoiemma G., Squartini A., Tondello A., Mazzon L. (2023) Impairing the development of the olive fly pest targeting its obligate bacterial partner in egg-infested fruits" *Entomologia Generalis* DOI: 10.1127/entomologia/2023/1916

Gotta P., Ciampitti M.A., Cavagna B., Bosio G., Gilioli G., Alma A., Battisti A., Mori N. et al. , (2023) *Popillia japonica* – Italian outbreak management. *Frontiers* DOI 10.3389/finsc.2023.1175138

Tamburini G., Laterza I., Nardi D., Mori N., Pasini M., Pozzebon A., Marini L. (2023) Effect of landscape composition on the invasive pest *Halyomorpha halys* in fruit orchards. *Agriculture, Ecosystems and Environment* 353 (2023) 108530

Moussa Abdelhameed; Guerrieri E.; Torcoli S.; Serina F.; Quaglino F.; Mori N. Identification of phytoplasmas associated with grapevine 'bois noir' and flavescence dorée in inter-row groundcover vegetation used for green manure in Franciacorta vineyards. *Journal of Plant Pathology* JPPY-D-22-00734R2

Toffolatti S.L., Davillerdb Y., D'Isita I., Facchinelli C., Germinara G.S., Ippolito A., Khamis Y., Kowalska J., Maddalena G., Marchand P., Marcianò D., Mihály K., Mincuzzi A., Mori N., Piancatelli S., Sándor E., Romanazzi G. In-field application of basic substances for sustainable control of pests and diseases: state of the art and future perspectives. *Plants*: plants-2570959

Verona, 11th October 2023

Prof. Nicola Mori

