

CURRICULUM VITAE ET STUDIORUM

STEFANO SPERANZA

Summary

Professor of Agricultural and Forest Entomology for the study of plant-phytophagous insect interactions for both native and invasive allochthonous species (alien insects). Appointed "Investigador correspondiente 2022" by CONICET (Argentina). Member of the "National Biodiversity Future Center" (MUR). Expert in innovative methods of monitoring phytophagous insects and systems for reducing the use of insecticidal molecules in agriculture, forestry, and urban green areas. Lecturer at the University of Tuscia (UNITUS) of the teachings of agricultural and forest entomology in bachelor's and master's degree courses and at international universities and research centers. Participant in the faculty board of the doctoral course in "Science of Plant and Animal Production - SPVA UNITUS". Tutor of PhD, master's, and dissertations of Italian and foreign students Coordinator and participant in numerous national and international research projects on identifying new pest control strategies with low environmental impact. Coordinator of numerous international agreements between UNITUS and international universities and research centers. Reviewer for numerous international journals in the field. Expert for the Ministry of Agriculture, Food Sovereignty, and Forestry for Dedicated Working Groups. Academician of the National Academy of Olive and Olive Oil. Author of numerous scientific publications in international journals.

EDUCATIONAL AND ACADEMIC QUALIFICATIONS

University Professor

- Associate Professor in General and Applied Entomology (s.c. 07/D1, s.s.d. AGR/11) at Department of Agricultural and Forestry Sciences, University of Tuscia with D.R. 791 of 18/12/2020 effective December 29, 2020.
- "Investigador Correspondiente" at Centro De Estudios Parasitologicos y de Vectores (CEPAVE - Argentina)(CONICET - UNLP), Resol-2023-774-APN-DIR#CONICET

Degree and Doctorate (PhD)

- Appointed Ph.D. in accordance with Art. 6 Ministerial Decree 30/04/1999 No. 224, in "Horticulture" XIV cycle, academic three-year period 1998/99-2000/2001, with administrative headquarters at the University of Tuscia - Viterbo, with the discussion of the doctoral thesis entitled "Development of multigenerational in vivo bioassays of the lepidopteran noctuid *Helicoverpa armigera* (Hüb.) (Lepidoptera: Noctuidae) on transgenic tomato plants" on Feb. 21, 2002 by R.D. 306/2002 on 03/04/2002.
- Degree in Agricultural Sciences with grade 110/110 cumlaude with the Experimental Thesis in Entomology and Biological and Integrated Pest Management with the title "Experiences of guided control against Aphids of processing tomato [*Myzus persicae* (Sulz.) and *Aphis fabae* (Scop.) (Homoptera: Aphididae)] and qualitative-quantitative analysis of production in the coastal area of Upper Latium," with lecturer Prof. Claudio Pucci Professor of Biological and Integrated Pest Management of the Department of Plant Protection, University of Tuscia on September 25, 1996.

Other titles

- Member of the "National Biodiversity Future Center" (MUR). - Member of the Technical Committee on Nutrition and Animal Health (CTNSA) Phytosanitary Advisory Section of the Ministry of Health as a representative of the Ministry of Agriculture, Food Sovereignty, and Forestry and experts for aspects related to pest management and the activity of products against harmful organisms. From March 2, 2023.
- Co-Director of the international research group "MESCAL", "Modelling, estimation, and control of pests and diseases in precision agriculture" between the research groups of the Department of Agricultural and Forestry Sciences, University of Tuscia and the Service d'Automatique et d'Analyse des Systèmes, Université Libre de Bruxelles. 2021.
- Topic Editor of "Insects in Sustainable Agroecosystems" For the journals Agriculture, Agronomy, Insects, J, Sustainability of the MDPI publishing house (https://www.mdpi.com/topics/agroecosystem_insects)
- Journal Topic Board of the journal INSECTS MDPI since 2019 (https://www.mdpi.com/journal/insects/topic_editors)
- MIUR-CRUI evaluator under the MIUR-DAAD Joint Mobility Program (MIUR-DAAD) for the 2017 call for papers.
- MIPAAF expert included in the List of Experts in Research and Innovation on the Agricultural System with the purpose of having specific professionalism for ex ante evaluation, in itinere and ex post verification of research and innovation projects. DM No. 23966 of 11.10.2016.
- MIPAAF, serving as a member of the Working Groups of the Nuts Supply Chain Table - Hazelnut Section, Working Group 2 "Production Techniques, Research, Defense, and Environment," Subgroup 2.3 "Defense and Adversity" since May 2021.
- MIPAAF, part of the National Working Group on *Toumeyella parvicornis* since June 2021. - Academic Correspondent of the National Olive and Oil Academy since February 2016.
- Researcher External Evaluator of research projects for the Centro Interdisciplinario de Investigacion e Inovacion of the Universidad Catolica de Santa Maria, Arequipa, Peru, with a certificate from March 2015.
- Convener at the conference entitled "Insects for Human and Animal Food: A Retroinnovation for Sustainable Development" held under the sponsorship of the International Scientific Committee for EXPO 2015, the Italian Association of Sustainability Science, and Slow Food. Held at the University of Tuscia, Viterbo May 23, 2014.
- Visiting Professor at the Universidad Nacional de Cuyo (Mendoza, Argentina) from November 22 to 29, 2012, by resolution No. 586 of the same university.
- Visiting researcher at Fundacion Miguel Lillo, San Miguel de Tucuman, Argentina, in July 2016.
- Session chairperson at the Scientific Council of the national conference "Fourth Study Days on Numerical, Statistical, and Computer Methods in Agricultural Crop and Forest Defense. Research and Applications. March 27-29, 2007, Viterbo" fourth session entitled "Projects with the Variable Delay Model.
- Latin American lecturer in the technical-scientific area for the Agricultural Sciences sub-area, of the Italian-Latin American Institute (IILA) based in Rome; since January 2000.

ACADEMIC ASSIGNMENTS

- Member of the international commission for the evaluation of Master's theses for the course "Cultivo e Industria del Olivo" at the Universidad Nacional de Chilecito (La Rioja, Argentina), year 2022.
- Contact person of the Rector of the University of Tuscia for cooperation activities with Latin American countries, from April 2022. - Contact person of the Director of the DAFNE Department of the University of Tuscia, Viterbo for internationalization, from January 1, 2022.

- Orientation Referent of the DAFNE Department of the University of Tuscia, Viterbo from December 2019 to December 31, 2021.
- Member of the DSA Committee of the DAFNE Department of the University of Tuscia, Viterbo since December 2019.
- Head of the "Laboratory of Molecular Biology for Entomology" of the DAFNE Department, University of Tuscia, Viterbo since 2014.
- Head of the "Laboratory of Entomology, Biological, and Integrated Control" of the DAFNE Department, of the University of Tuscia, Viterbo
- Delegate of the Rector of the University of Tuscia in the Board of Directors of the Italian Inter-University Consortium for Argentina (CUIA) since 02/13/2017.
- Component of the University Research Commission, University of the Studies of Tuscia, by Rectoral Decree No. 21/11 of 17/11/2011.
- Member of the Board of Teachers of the Doctoral Program in Science of Plant and Animal Production (SPVA)-Cycles, XXXVII, XXXVI, XXXV, XXXIV, XXXIII, XXXII, XXIX. DAFNE Department of the University of Tuscia in Viterbo since 2014.
- Member of the Board of Teachers of the PhD in "Plant Protection" of the University of Tuscia of Viterbo cycles XXVI, XXVII and XXVIII, from March 1, 2011 to February 29, 2016.
- Representative Research Fellow in the Council of the Department of Plant Protection, University of Tuscia, years 2008, 2009.

FOREIGN LANGUAGES KNOWN

- English (spoken and written - intermediate level)
- Spanish (spoken and written - excellent level)

SPIN OFF.

- Founding member of university spin off IDEA2020 srl, responsible for national and international activities for the formulation of low environmental impact management strategies (IPM and Organic Farming). Minutes of Board of Directors Meeting No. 10/2011 of the University of Tuscia. With annotation of Innovative Startup since 2014. From October 3, 2012 to April 2, 2019.

TEACHING AND SCIENTIFIC ACTIVITIES

SCIENTIFIC ACTIVITY

COORDINATION OF NATIONAL OR INTERNATIONAL RESEARCH PROGRAMS

- Scientific responsible for the project "Activities of diagnosis and monitoring of plant pests in the territory of Latium" code PFM2022, funded by the Lazio Region Phytosanitary Service. From July 1, 2022, to June 30, 2023.
- Scientific head of entomological research activity on the study of *Toumeyella parvicornis* at the Castel Porziano presidential estate. From July 2021.
- Scientific manager of the project "Activities of diagnosis and monitoring of plant pests in the territory of Lazio" code PFM2021, funded by the Lazio Region Phytosanitary Service. June 18, 2021 to September 30, 2022.
- Coordinator and scientific head of the national project entitled "Definition of a model of hazelnut management that is more environmentally friendly with the territory and the environment about defense against the main phytophagous insects and fungal and bacterial adversities, as well as for agronomic management about the hazelnut of Latium and Campania" Funded by Italia Ortofrutta Unione Nazionale. Project -of applied research under measure 4 - research and experimental production of the operational programs (National Fruit and Vegetable Strategies 2018-2022)

extended until 31/12/2025 by DM Mipaaf Prot. N. 0216483 of 12/05/2022. September 2021 to September 2023.

- Coordinator of 9 international cooperation agreements between the University of Tuscia and foreign universities, research centers, and NGOs. From 4/11/2008 to the present.
- Scientific manager for the NOMAD FOOD (UK) project - WWF Italia onlus - Department of Agricultural and Forestry Sciences of the University of Tuscia entitled "Collaboration in the implementation of BTN (back to nature) Areas" from December 1, 2021.
- Scientific manager for the project between the ROFFREDO CAETANI Foundation of Sermoneta Onlus, Circeo National Park Authority, and the Department of Agricultural and Forestry Sciences of the University of Tuscia entitled "Entomological Monitoring of Historic Caetani Sites" from March 2021 to December 2022.
- Scientific coordinator of the UO DAFNE for the project "Hi-Tech Monitoring for the sustainable management of the olive grove ecosystem in Lazio" - Moni.Oli.Tech, funded by the PSR Lazio 2014 - 2020, Submeasure 16.1, aid application No. 54250707459 c.d.r. 84250021197, aid granting measure No. 16.1.1-LN-VT-12/02/2020-05.
- Scientific coordinator of the UO DAFNE for the project "Let's Cultivate the Future for Sustainable Agriculture" for the specific agreement for farm biodiversity assessment activities for the Company CSI SpA - Compagnia Surgelati Italiana for 2019.
- Scientific coordinator of the UO DAFNE for the national project "Charcoal, vegetable (biochar): a resource for the environment and for the horticultural and nursery sectors through the recovery of biomass and the reduction of inputs of fertilizers and pesticides - VIVA-BIOCHAR", approved and funded by Mipaaf with M.D. 19526 of 22/07/2016
- Scientific coordinator of the project "Pilot project on the formation of areas free from the bell pepper weevil (*Anthonomus eugeni*) and calibration of a mathematical model for predicting the severity of infestation on bell pepper in Fondi" Rural Development Plan 2007/2013 of Lazio. Measure 124, "Cooperation for the development of new products, processes and technologies, in agriculture, food and forestry". Public notice D.G.R. no. 76/2014, Aid application no. 8475921005 grant act no. 28/124/10 of 18/12/2014
- Scientific coordinator of the project "Low environmental impact products for the control of ornamental pests in protected environments" - Rural Development Plan 2007/2013 of Lazio. Measure 124, "Cooperation for the development of new products, processes and technologies, in agriculture, food and forestry". Public Notice D.G.R. No. 187/2012. Measure granting aid No. 18/124/10 of 08/05/2012. Application 8475916972.
- Scientific coordinator of the project "Use of the integrated pest management method on horticultural crops" Rural Development Plan 2007/2013 of Lazio. Measure 124, "Cooperation for the development of new products, processes and technologies, in agriculture, food and forestry". Public Notice D.G.R. No. 187/2012. Measure granting aid No. 16/124/02 of 02/08/2013. Application 8475916966.
- Scientific Coordinator of the project "ECO-VINO" Application No. 94751536312 Grant Act No. 09/411.124/2013 of 18/01/2013 Measure 124 of the RDP Lazio 2007/2013 DGR 359/2009 - DGR 308/2010, LAG Aid Measure 4.1.1 124. From January 28, 2013, to August 31, 2015.
- Scientific responsible for the research contract awarded to the DAFNE Department, University of Tuscia by Bayer CropSciences S.r.l. for the evaluation of the efficacy of Decis Evo against hazel weevil June 1, 2012 to December 17, 2012.
- Scientific coordinator of the international research project entitled "Use of plant extracts of Argentine origin in the control of biotic adversities in organic agriculture in Italy and Argentina" of the "IV CUIA 2010-12 Italy-Argentina Research Program" since December 2010.
- Scientific responsible for the Italian Research Unit of the international project between Italy and Argentina (Executive Program of Scientific and Technological Cooperation between Italy and Argentina for the years 2011 - 2013) entitled "Feasibility assessment of biological control of *Tuta absoluta* (Lep.: Gelechiidae)" SV sector (Code IT/10/08) since 2011.

- Scientific Responsible for the program "Chemical control trial on the efficacy of azadirachtin, administered by endotherapy in the control of the red palm weevil" of the Lazio Region with determination No. C1341 of 17/05/2007 and note from the Department of Plant Protection, University of Tuscia (Viterbo) No. 40 of 23/01/2007.
- Scientific Responsible MIUR Project - Young Researchers Financial Year 2001, entitled "Study of the Transmission of the agent of Chestnut Rot (*Rachodiella castaneae* Pyr) by the chestnut weevil (*Curculio elephas* Gyll.) in a specialized planting of *Castanea sativa* in the Cimini Mountains" Funded by MIUR, at the Department of Plant Protection, University of Tuscia for the period November 2001 - November 2002; as per letter prot. No. 361 of 25/10/2001.

PARTICIPATION IN NATIONAL OR INTERNATIONAL RESEARCH PROGRAMS

- Participation in the national project 2023-2025 entitled "National Biodiversity Future Center (NBFC), National Recovery and Resilience Plan, Mission 4 Component 2 Investment 1.4, funded by the European Union - NextGenerationEU.
- Participation in the project "Nazareno Strampelli" for research and innovation in the olive-oil supply chain (LIOO)-FISR-Deliberation CIPE 105/2015-DM 2072/16 MiUR- DD 189/20 MIUR, with Scientific Responsible Prof. Alessandro Ruggieri.
- Participation in the European project PRIMA entitled "A Sustainable mixed cropping-beekeeping system in the Mediterranean basin PLANT-B" (<http://prima-med.org/results-of-the-call-section-1/>), with Head of UO UNITUS Dr. Pier Paolo Danieli.
- Participation in the European project Erasmus+ KA107 International Credit Mobility (2017-1-IT02-KA107-036278) with the Agriculture and Forest University, Rampum, Chitwan, Nepal AA 2017/2018.
- Participation of the UNITUS Task Force in the 2018 PSR project - UMBRIA PSR-Umbria, titled "Innovation for the defense and quality of wine production in the scenario of upcoming environmental emergencies"
- UNITUS Task Force participation in the European project LIFE 2017 - SAMFIX, "Saving Mediterranean Forests from Invasions of *Xylosandrus* beetles and associated pathogenic fungi - SAMFIX" NAT/IT/000609.
- Participation in the UNITUS Task Force in the European project PANTHEON (No. 774571) H2020-SFS-2016-2017, Research and Innovation Action, Topic SFS-05-2017 with scientific responsibility for the plant protection area, since November 1, 2017.
- Participation in the European Erasmus+ project entitled "Examination Modern and Traditional Applications in Hazelnut Production Project code (2016-I-TR01-KA202-034979). From 1/10/2016 to 30/09/2018.
- Participation in the Italian Research Unit of the international project between Italy and Argentina (Executive Program of Scientific and Technological Cooperation between Italy and Argentina for the years 2017 - 2019) entitled "Innovative systems of integrated control of the phytophagous *Tuta absoluta* in horticulture in Italy and Argentina: fertilization with BIOCHAR ("Bottom-Up" effect) and biological control ("Top-Down" effect)" SV sector (Code IT/AR17MO12) since 2017.
- Participant in the working group - Edible Insects. Italian Entomological Society. Since 2015.
- Research collaborator in the project "Study of the feasibility for the development and implementation of supply chain strategies for the improvement of qualitative/quantitative zootechnical performance and the valorization of bee products from Lazio" coordinated by Dr. Danieli Pier Paolo, University of Tuscia, Rural Development Plan 2007/2013 of Lazio. Measure 124, "Cooperation for the development of new products, processes and technologies, in agriculture, food and forestry." Regional Directorate of Agriculture and Rural Development, Hunting and Fisheries. Public notice D.G.R. No. 76 of 18/02/2014. Application 8475921505 - Grant Act No. G18548 of 22/12/2014.

- Research collaborator in the project "Biochar produced from olive and hazelnut tree pruning residues that can be used in the horticultural and nursery sector for energy production and for the improvement of the nutritional and phytosanitary status of plants" coordinated by Dr. Andrea Colantoni, University of Tuscia - Rural Development Plan 2007/2013 of Lazio. Measure 124, "Cooperation for the development of new products, processes and technologies, in agriculture, food and forestry." Regional Directorate of Agriculture and Rural Development, Hunting and Fisheries. Public Notice D.G.R. No. 76 of 18/02/2014. Measure granting aid No. 561/124/10 of 21/12/2014. Application No. 8475920928.
- Participation in the activities of the working group of the "Centro de Estudios Parasitologicos y de Vectores" - CCT-CONICET-La Plata (Argentina) for the project "Evaluacion de la factibilidad de aplicacion de control biologico para Tuta absoluta (Lepidoptera: Gelechiidae), plaga recientemente ingresada en Italia. (MINCyT-MAE IT1008). From 01-10-2011 to 31-10-2011.
- Research collaborator in the scientific research project of relevant national interest PRIN (prot. 2008SBCC9S) coordinated by Dr. Paolo GONTHIER of the University of Turin, in the research of the O.U. of the University of Tuscia coordinated by Prof. Naldo Anselmi entitled "Investigations on the distribution, effects and epidemiology of the exotic species of Heterobasidion in Italy" (prot. 2008SBCC9S_002) Area 07. Duration 24 months. From 22/03/2010.
- Participation in the research group for the national project "Innovations in Defense Strategies of Organic Fruit and Vegetable Production of National Significance" No. 893/2006 MiPAAF. From 01-04-2008 to 31-07-2010. - Participation in the activities of the international research group "Commission Plant Protection" and "Section Nuts and Mediterranean Climate Fruits" of the International Society for Horticultural Science (ISHS) Section and Commission membership list. Since August 31, 2007.
- Research associate of the project "Evaluation of the efficacy of some essential oils in repellent and insecticidal activity in biological control of key phytophagous of olive and horticultural crops. Year II." Funded by the University of Tuscia - Ex 60% share year 2006; to research leader Prof. Claudio Pucci of the Department of Plant Protection, University of Tuscia, Viterbo.
- Research collaborator in the scientific research project of relevant national interest PRIN (prot. 2004077251) coordinated by Prof. Antonio Tranfaglia of the University of Basilicata, in the research of the O.U. of the University of Padua coordinated by Prof. Andrea Battisti entitled "Development of bioinsecticides by using epiphytic bacteria transformed with entomocidal action genes" (prot. 2004077251_003). January 2005 to January 2007.
- Research collaborator in the project "Guidelines for the management of wild boar (*Sus scrofa*) in the Province of Viterbo" with scientific head Prof. Andrea Amici of the Department of Animal Production, University of Tuscia, Viterbo. Funded by the Province of Viterbo. From 01/11/2003 to 31/01/2004.
- Research collaborator in the PRIN scientific research project of relevant national interest entitled "New natural insecticides from parasitoid insects" (prot. 2002077357) coordinated by Prof. F. Pennacchio of the University of Basilicata, in the research of the U.O. of the University of Tuscia coordinated by Prof. Claudio Pucci entitled "Evaluation of the insecticidal activity of new molecules of the parasitoid *Cardiochiles nigriceps* toward the non-target phytophagous *Helicoverpa armigera* (Hüb.) by transgenesis in tomato (*Lycopersicon esculentum* Mill.)" (prot. 2002077357_002). January 2002 to January 2004. - Research collaborator of the project "Means of microbiological control of *Curculio elephas* Gyll. (Coleoptera, Curculionidae) key phytophagous of chestnut in Upper Latium. Year IV." Funded by the University of Tuscia - Ex 60% share year 2002; to research manager Dr. Bruno Paparatti of the Department of Plant Protection, University of Tuscia, Viterbo.
- Researcher involved in research on the chestnut agroecosystem" in: INVENTORY OF CHESTNUT RESEARCH, GERMPLASM AND REFERENCES, FAO Regional Office for Europe Interregional Cooperative Research Network on Nuts (SCORENA), Giancarlo Bounous

Department of Arboriculture, University of Turin (Italy), Rome, 2001, FAO 2002. pp186.

<http://www.fao.org/docrep/006/AD235E/ad235e00.HTM>

- Research collaborator of the project "Bioassays on the lepidopteran noctuid *Helicoverpa armigera* (Hüb). Fed with transgenic tomato." Funded by the University of Tuscia - Ex 60% share year 2002; to research leader Prof. Claudio Pucci of the Department of Plant Protection, University of Tuscia, Viterbo.
- Research collaborator of the project "Means of microbiological control of *Curculio elephas* Gyll. (Coleoptera, Curculionidae) key phytophagous of chestnut in Upper Latium. Year III." Funded by the University of Tuscia - Ex 60% share year 2001; to research leader Dr. Bruno Papparatti of the Department of Plant Protection, University of Tuscia, Viterbo.
- Research collaborator of the project "Parasitoids of *Thaumetopoea pityocampa* Den. Et Schiff. (Lepidoptera, Thaumetopoeidae) in pine forests of Upper Latium. Year II." Funded by the University of Tuscia - Share Ex 60% year 2001; to the research leader Prof. Claudio Pucci of the Department of Plant Protection, University of Tuscia, Viterbo.
- Participation in CABI working group for the development of "Crop Protection Compendium 2001 (CPC)" and as co-author of CAB International, England. From 01/08/2000 to 31/12/2000.
- Research collaborator of the project "Parasitoids of *Thaumetopoea pityocampa* Den. Et Schiff. (Lepidoptera, Thaumetopoeidae) in pine forests of Upper Latium." Funded by the University of Tuscia - Share Ex 60% year 2000; to the research leader Prof. Claudio Pucci of the Department of Plant Protection, University of Tuscia, Viterbo.
- Research collaborator of the project "Means of microbiological control of *Curculio elephas* Gyll. (Coleoptera, Curculionidae) key phytophagous of chestnut in Upper Latium. Year II." Funded by the University of Tuscia - Share Ex 60% year 2000; to research leader Dr. Bruno Papparatti of the Department of Plant Protection, University of Tuscia, Viterbo.
- Participation in the activities of the working group of "Evolutionary Ecology and Population Biology" of the University "Claude Bernard" Lyon I, Lyon, France. From 06-10-2000 to 26-10-2000.
- Researcher involved as lecturer and expert, in the activities of the research group of the technical-scientific area for the sub-area of Agricultural Sciences, of the Italian-Latin American Institute (IILA) based in Rome; since January 2000.
- Research collaborator, for the years 1998 and 1999, of the project "Introduction of new harvesting techniques with lower environmental impact for the enhancement of chestnut fruit cultivation in the Monti Cimini area." Funded by ARSIAL for law REG. EEC 2081/93 - objective 5b - 1994/99. Axis 1 - subprogram 1 - Measure 1.1.1.
- Research collaborator of the project "Biological control of *Bactrocera oleae* (Diptera, Tephritidae) using natural products". Funded by the Ministry of Scientific Research - Ex 60% share year 1999; to the head of research Prof. Claudio Pucci of the Department of Plant Protection of the University of Tuscia in Viterbo.
- Research collaborator of the project "Means of microbiological control of *Curculio elephas* Gyll. (Coleoptera, Curculionidae) key phytophages of the chestnut tree in Upper Latium." Funded by the Ministry of Scientific Research - Ex 60% share year 1999; to research manager Dr. Bruno Papparatti of the Department of Plant Protection, University of Tuscia, Viterbo.
- External collaborator, until November 1999, at the Plant Protection Department of the University of Tuscia in experiments conducted by Prof. Claudio Pucci listed below: Bioassays with Lepidoptera noctuidae on transgenic (GM) tomato and tobacco; Population dynamics and integrated control of *Bactrocera oleae* Gmel; Population dynamics of potato-infested aphids in relation to the use of different synthetic and biological active ingredients; Population dynamics and biological and integrated control of *Saissetia oleae*; Population dynamics of the main phytophages of chestnut (*Curculio elephas*, *Pammene fasciana*, *Cydia fagiglandana* and *Cydia splendana*) and related useful entomofauna surveys in the Monti Cimini Mountain Community, since September 1996.

- Research collaborator as visiting researcher in the joint CIRPON-INTA-Universidad de Catamarca (Argentina) projects entitled "Control Biológico de Plagas en Olivo" and "Control Biológico de Minador de las Hojas de Citrus" at the Centro de Investigaciones sobre Regulación de Poblaciones de Organismo Nocivos in San Miguel de Tucumán (Argentina) from March 28 to April 25, 1998.

- Research collaborator in the project "Mejoramiento del Sistema Olivos Pequeño Productores de La Rioja, Sub-Proyecto La Rioja- PROLERICA- de la Unidad de Minifundio del INTA, at L'agencia de Extensión Rural Aimogasta del INTA - La Rioja- Argentina, from 01 to 16 April 1998. - Research collaborator of the project "Bioethology of *Balaninus elephas* Gyll. (Coleoptera, Curculionidae) and the main phytophagous of the chestnut tree in Upper Latium." Funded by the Ministry of Scientific Research - Ex 60% share year 1998; to research leader Dr. Bruno Paparatti of the Department of Plant Protection, University of Tuscia, Viterbo. - Research collaborator in the project between Prof. Claudio Pucci and Prof. Giampiero Soressi of the University of Tuscia for "entomological screening on transgenic tomato with *Heliothis armigera* and *Spodoptera littoralis*," from July 1997 to June 1998.

TEACHING ACTIVITIES

At Italian and foreign universities and research institutions

Lecturing

Lecturer in "Sustainable agriculture and Integrated Pest Managements" at Agriculture and Forest University, Rampur, Chitwan, Nepal from 7/11/2018 to 16/11/2018.

Lecturer of "Entomology" at Agricultural University of Tirana, Albania from 9/14/2021 to 9/18/2021.

Lecturer of the teaching 118866 - SEED AND VINEYARD PROTECTION: ENTOMOLOGY (6CFU), Degree Program: DAFNE (code 403) - SEED PRODUCTION AND VINEYARD L-25, at the University of Tuscia

Lecturer of the teaching 118752 - PLAGAS EMERGENTES DE INTERÉS PARA LA AGRICULTURA EN LA UE. Course in Spanish (3CFU) AFS, Degree Program: DAFNE (Code 328) - AGRICULTURAL AND ENVIRONMENTAL SCIENCES LM-69, at the University of Tuscia

Lecturer of the teaching 14842-1 - ECOSUSTAINABLE STRATEGIES IN THE PROTECTION OF ENVIRONMENTAL AGRICULTURAL CROPS - module Strategies In Agricultural Entomology (6 CFU) Undergraduate course: DAFNE (Code 328, code 384) - AGRICULTURAL AND ENVIRONMENTAL SCIENCES LM-69 at the University of Tuscia

Lecturer of teaching 17882-1 - FOREST AND ENVIRONMENTAL MONITORING AND DEFENSE - Forest Entomology module (6 CFU) Undergraduate course: DAFNE (Code 390 and Code 324) - FORESTS AND NATURE SCIENCES L-25 at the University of Tuscia.

Lecturer for Masters and specializations abroad.

Lecturer in Entomology in the Master's course entitled "Cultivo e Industrias del Olivo" organized by the following Argentine research institutions: the Universidad Nacional de Chilecito, the Universidad Nacional de Cuyo, the Universidad Nacional de San Juan, and the Instituto Nacional de

Tecnología Agropecuaria (INTA). Authorized by CONEAU N° Ordenanza HCS N° 006 of March 18, 2013, since 2015.

Lecturer in Entomology in the Specialization course entitled "Olivicultura" organized by the following Argentine research institutions: the Universidad Nacional de Chilecito, the Universidad Nacional de Cuyo, the Universidad Nacional de San Juan, and the Instituto Nacional de Tecnología Agropecuaria (INTA). Authorized by CONEAU N° Ordenanza HCS N° 007 of March 18, 2013, since 2015.

Lecturer for Masters and specializations

Lecturer in Entomology at the Master Level II "Curator of Parks Gardens and Botanical Gardens" at the University of Tuscia in Viterbo for the academic year 2008-2009.

Directorate

Co-director of a postdoctoral position at CONICET (Argentina). Consejo Nacional
By resolution N° 4938 on 17/12/2014.

REFeree OF INTERNATIONAL SCIENTIFIC JOURNALS.

- Bioinvasion Records, as of September 2022.
- "Frontiers in Plant Science," Technical Advances in Plant Science section since 2019.
- "Anais da Academia Brasileira de Ciencias" since 2019.
- "Archives Of Phytopathology And Plant Protection" since 2018.
- "Redia" since September 2017.
- "Phytoparasitica" since August 2016.
- "Insects" since December 2015.
- "Agricultural and Forest Entomology" since the month of February 2015.
- "Revista de la Facultad de Ciencias Agrarias" Mendoza, since May 2013.
- "International Journal of Biometeorology" since June 2012.
- "Archives of Agronomy and Soil Science" since November 2010.
- "Bulletin of Insectology" with Impact Factor 0.381 since February 2009.
- "Global Change Biology" with Impact Factor 4.786, since November 2008.
- "Journal of Applied Entomology" with Impact Factor 0.703, since June 2006.

Membership in national and international societies:

Since 2022 he has been a member of Sociedad Entomologica Argentina (SEA) and is a member of the International Organization for Biological Control (IOBC) Neotropical Regional Section.

Since 2014 he has been a fellow of the Florida Entomological Society.

Since 2004, he has been a fellow of the International Society for Horticultural Science (ISHS) and a member of the "Commission Plant Protection," "Commission Molecular Biology and In Vitro Culture," and Section Nuts and Mediterranean Climate Fruits.

From 2001 to 2011 he was a member of the Italian Association for Plant Protection (AIPP).

He has been a member of the Italian Entomological Societies (SEI) since 1998.

From 1996 to 2011 he was a member of the Roman Association Of Entomology (ARDE)

PARTICIPATION AND COORDINATION OF CONFERENCES

He has participated in numerous Conferences, International and National, of which he reports those at which he presented papers and those at which he served as chairman and coordinator:

International Conferences

- 10th International Congress on Hazelnut, Corvallis (Oregon) September 5-9, 2022. With presentation.
- XI European Congress of Entomology, July 2-9, 2018, Naples, Italy.

- BIOCONTROL 2019, July 9-11, Viterbo, with participation in the organizing committee.
- 10th International Conference on Innovation in Urban and Regional Planning, September 6, Viterbo.
- Salone del Gusto and Terra Madre, Turin October 23-27, 2014. By invitation to present a paper.
- EPPO Symposium on Management of Tuta absoluta, Agadir, Morocco, November 16-18, 2011. By invitation to present a paper.
- BIOL MIEL 2011, September 30-October 2, 2011, Mar del Plata, Argentina. By oral report.
- Jornada de Investigación y III Jornadas de Posgrado, Universidad Nacional de Cuyo, Mendoza Argentina, October 1-3, 2008.
- IV International Chestnut Symposium of ISHS, Beijing, China, September 25-28, 2008. With oral report.
- 7th International Congress on Hazelnut. Viterbo, June 23-27, 2008.
- V European Biennial of Palms. DIES PALMARUM. San Remo, March 12-14, 2008. By invitation to present an oral paper.
- III International Chestnut Congress, Chaves, Portugal October 20-23, 2004.
- 6th International Congress on Hazelnut. Terragona-Reus (Spain) June 14-18, 2004.
- 13th International Congress Phytoma España. Control biológico de plagas y enfermedades: agentes microbianos y entomófagos. Valencia, Spain, December 3-4, 2002.
- COST Action G4 Multidisciplinary Chestnut Research conference. MC Meeting and Workshop on Tree Physiology WG1 & Disease and Pest WG3. Organized by the National Agricultural Research Foundation - Forest Research Institute and European Commission, COST Secretariat: Forest and Forest Product. At Olympian Bay, Litochoro, Greece on May 4-6, 2000.
- Second International Symposium on Chestnut held by I.N.R.A. in Bordeaux on October 19-23, 1998.
- "Jornada de Olivicultura" conference, INTA-Aimogasta (La Rioja, Argentina). April 15, 1998. With oral presentation.
- II International Open Meeting, organized by the International Organization of Biological Struggle, Western Palearctic Regional Section (OLIB), plenary meeting of the working group "Mouches des fruit d'importance économique" held in Lisbon, Portugal at the Institute of Tropical Scientific Investigation, Lisbon, September 22-24, 1997.
- XX International Congress of Entomology, held in Florence, Italy, August 25-31, 1996.

National Conferences.

- XXVII Italian National Congress of Entomology (CNIE) 12-16 June 2023, Palermo.
- VII CUCS Naples 2022 Conference - University Cooperation in the New Challenges for Sustainable Development April 21-23, 2022. Co-coordinator of Thematic Section ENV-1 Strategies of sustainable development in Latin America: between indigenous cultures and new technologies, aimed at the protection and valorizations of the natural resources.
- Conference entitled "Insects for human and animal nutrition: a retro-innovation for sustainable development" held under the sponsorship of the International Scientific Committee for EXPO 2015, the Italian Association of Sustainability Science and Slow Food. Held at the University of Tuscia, Viterbo May 23, 2014.
- Semci+UNdeC - Septimo encuentro. Universidad Nacional de Chilecito, Chilecito, La Rioja, Argentina. October 15, 2013, with oral report.
- Conference "State of the art of research on tree crops in Lazio" University of Tuscia, Viterbo, April 23, 2013. With oral report.
- Actinidia 2009. IX National Conference, October 6-8, 2009, Viterbo-Latina.
- XXII Italian National Congress of Entomology. Ancona, June 15-18, 2009.
- XXI Italian National Congress of Entomology, Campobasso, June 11-16, 2007.

- Fourth Study Days on Numerical, Statistical and Computer Methods in the Defense of Agricultural Crops and Forests. Research and Applications. March 27-29, 2007, Viterbo, Italy. With chairmanship of one session and two oral papers.
- Technical day of scientific information on *Rhynchophorus ferrugineus*, at Villa Nobel, San Remo, February 9, 2007.
- Conference "The Chestnut Tree as a Resource of the Territory," Municipality of Piancastagnaio (SI), October 28, 2006, with oral report.
- Conference "New and old wildlife emergencies in the province of Rieti: from partridge to roe deer, from hare to deer," Rieti, March 18, 2006.
- National conference "Chestnut 2005," Montella (AV) October 20-22, 2005.
- XX Italian National Conference of Entomology, Assisi, June 13-18, 2005.
- National conference "III study days: Numerical, statistical and computer methods in the defense of agricultural crops and forests: research and applications, Florence, November 24-26, 2004.

- National conference "The Latium chestnut supply chain: interventions for the valorization of the chestnut product" with the presentation of the work "Practical applications of the research carried out for the low impact control of chestnut phytophagous," organized by the Regional Agency for the Development and Innovation of Agriculture in Latium at the ARSIAL experimental-demonstrative farm in Caprarola (VT) on July 7, 2004.
- National conference "Nematodes as biological control agents on insects of relevance to both agriculture and health"- MIUR Cluster Project C06-07, organized by Società BioTecnologie B.T. s.r.l.. Perugia, September 26, 2003.
- Conference "The Chestnut Tree in Calabria: current status, scientific research and prospects" organized by the Regional Agency for Development and Services in Agriculture (ARSSA) on October 24, 2002.
- 19th Italian National Congress of Entomology. Catania, June 10-15, 2002.
- II Study Days "Numerical, statistical and computer methods in the defense of agricultural crops and forests: research and applications" organized and held at the S. Anna School of Graduate and Advanced Studies (Pisa) on May 20-23, 2002.
- Workshop "Monitoring the phytosanitary status of forests: comparing experiences" organized By the Regional Agency for Development and Innovation in Agriculture-Forestry, Tuscany Region, held at the auditorium of the Regional Council of Tuscany, Florence, on 12/04/2002.
- XLV Annual Meeting of the Italian Society of Agricultural Genetics, Salsomaggiore Terme (PR), September 26-29, 2001.
- Phytoiatric Meetings 2001 "Crop Defense in Organic Agriculture." Organized by the Italian Association for Plant Protection (AIPP) at the Faculty of Agriculture, University of Turin. Grugliasco (TO) September 5-6, 2001.
- Round table " Practical applications in the defense of chestnut cultivation in the Cimini Mountains" at the Centro Polivalente Piazza A. Daolio Canepina (VT) on March 31, 2000.
- Conference "Integrated defense of the chestnut tree" at Ex Scuderie Palazzo Farnese Caprarola (VT) on March 30, 2000.
- Workshop "Durable resistance to biotic stresses in plants: contribution of biotechnology" organized by the Italian Society of Agricultural Genetics and the Italian Society of Plant Pathology at the University of Tuscia (Viterbo) on May 20-21, 1999.
- "18th Italian National Congress of Entomology" held in Maratea (PZ) from June 21 to 26, 1998.

SCIENTIFIC PRODUCTION

As part of his scientific activity, documented by more than 140 research products, he has addressed specific studies on various aspects of agricultural and forestry entomology.

He has particularly investigated topics on:

- relief of exotic insects newly introduced on Italian territory; distribution and degrees of infestation on agricultural and forestry crops, such as *Anthonomus eugeni*, *Dryocosmus kuriphilus*, *Rhinchophorus ferrugineus*, *Tuta absoluta*, *Xylosandrus compactus*, *X. germanus*, and *X. crassiusculus*
- Low-impact control strategies through the rational use of synthetic active ingredients
- Low-impact control strategies through agronomic techniques;
- biological control strategies through the use of naturally derived active ingredients of key pests of agricultural and forestry crops;
- biological control strategies through the use of entomopathogenic and entomoparasitic microorganisms of key phytophagous of agricultural and forestry crops;
- biological control strategies through the use of antagonistic predatory and parasitoid organisms of key phytophagous of agricultural and forestry crops;
- analysis and updating of bibliographic data on biological cycles of key phytophages of agricultural and forestry interest;
- control of key phytophagous on chestnut, hazel, olive, tomato;
- control of major phytophagous on other crops;
- description of new genera and species
- biological relationships among phytopathogenic insects, fungi, and bacteria using molecular and traditional diagnostic techniques;
- multitrophic analyses between phytophagous insects - plant hosts - other herbivorous organisms;
- screening of transgenic genotypes using bioassay methods with noctuid lepidopterans; and
- ethological analyses on major phytophagous insects of agricultural, forestry and urban green interest
- new host-phytophagous relationships in agricultural and forest ecosystems
- biological modeling studies on major phytophagous of agricultural and forestry interest
- Insects for human and animal nutrition
- studies on insects of the orders Coleoptera, Lepidoptera, Hymenoptera, Diptera, Hemiptera and Homoptera.

PRIZES AND AWARDS

- Best Article Award International Federation of Automatic Control, AGRICONTROL September 14-16, Munich, Germany.
- Most cited article - Entomologia Experimentalis Et Applicata 2022. Wiley

LIST OF PUBLICATIONS

PUBLICATIONS IN INTERNATIONAL JOURNALS

1. PAPARATTI B., SPERANZA S., 1999 – Biological control of chestnut weevil (*Curculio elephas* Gyll.; Coleoptera, Curculionidae) with the entomopathogenic fungus *Beauveria bassiana* (Balsamo) Vuill. (Deuteromycotina, Hyphomycetes). Acta Horticulturae, 494: 459-464 (ISBN 978-90-66059-41-2, ISSN 0567-7572). **Scopus:** 2-s2.0-77957204511, **WOS:** 000083016900069.
2. SPERANZA S., 1999 – Chestnut pests in Central Italy. Acta Horticulturae, 494: 417-424. (ISBN 978-90-66059-41-2, ISSN 0567-7572). **Scopus:** 2-s2.0-77949581518, **WOS:** 000083016900062.
3. SPERANZA S., PUCCI C., PIZZUOLO P.H. 2002 - Evaluación de la virulencia de dos cepas autóctonas y una comercial del hongo entomopatógeno *Beauveria bassiana* (Bals.) Vuill. (Deuteromycotina: Hyphomycetes) en larvas de *Galleria mellonella* (L.) (Lepidoptera, Pyralidae). XII Phytoma, Valenzia, Spagna. 3-4 Diciembre 2002. Phytoma España, 144: 184-186. ISSN : 1131-8988.
4. SPERANZA S., BELLOCCHI G., PUCCI C. 2003 - IPM trials on attract-and-kill mixtures against the olive fly

- Bactrocera oleae* (Diptera Tephritidae). Bulletin of Insectology. I.F. 0.153 57(2): 111-115. **Scopus:** 2-s2.0-33750432599.
5. VETTRAINO A.M., SPERANZA S., PAPANATTI B., PUCCI C., VANNINI A., 2003 - Molecular assay to investigate the possible association between the chestnut weevil *Curculio propinquus* and the black rot fungus *Rachodiella castaneae*. Journal of Plant Pathology. I.F. 0.647. (2003), 85(4 Special issue), 317. ISSN 1125-4653.
 6. PAPANATTI B., SPERANZA S., 2005 - Biological control of hazelnut weevil (*Curculio nucum* L., Coleoptera, Curculionidae) with the entomopathogen fungus *Beauveria bassiana* (Balsamo) Vuill. (Deuteromycotina, Hyphomycetes). Acta Horticulturae 2005, 686: 407-412. (ISBN 978-90-66056-88-6, ISSN 0567-7572). **Scopus:** 2-s2.0-34249778633, **WOS:**000233635700056.
 7. BALESTRA G.M., BUCINI D., PAPANATTI B., SPERANZA S., PROIETTI ZOLLA C., PUCCI C., VARVARO L., 2005 – Bio-etology of *Anisandrus dispar* F. and its possible involvement in dieback (Moria) disease of hazelnut (*Corylus avellana* L.) plants in central Italy. Acta Horticulturae 2005, 686: 435-444. (ISBN 978-90-66056-88-6 , ISSN 0567-7572). **Scopus:** 2-s2.0-77749237197, **WOS:**000233635700060.
 8. PAPANATTI B., SPERANZA S., 2005 - Management of chestnut weevil (*Curculio spp.*), insect key-pests in central Italy. Acta Horticulturae 2005, 693: 551-556. (ISBN 978-90-66051-00-3 , ISSN 0567-7572). **Scopus:** 2-s2.0-77749279643, **WOS:**000235331800072.
 9. VETTRAINO A.M., SPERANZA S., PAPANATTI B., PUCCI C., VANNINI A.. 2005. Association of the Black Rot fungus *Ciboria batschiana* with the chestnut weevil *Curculio propinquus* in the chestnut orchards in Central Italy. Acta Horticulturae 2005, 693: 543-545. (ISBN 978-90-66051-00-3, ISSN 0567-7572). **Scopus:** 2-s2.0-84879718081, **WOS:**000235331800070.
 10. GERMINARA G.S., DE CRISTOFARO A., SPERANZA S., PAPANATTI B., STACCHIOTTI M., ROTUNDO G. 2009. Electroantennographic responses of *Dryocosmus kuriphilus* to *Castanea sativa* leaf volatiles. Acta Horticulturae. ISHS 2009, 844:387-393. ISSN 0567-7572. **Scopus:** 2-s2.0-75649088525, **WOS:**000305695900054.
 11. SPERANZA S., STACCHIOTTI M., PAPANATTI B. 2009. Endemic parasitoids of *Dryocosmus kuriphilus* Yasumatsu (Hymenoptera, Cynipidae) in Central Italy. Acta Horticulturae. ISHS 2009, 844:421-423. ISSN 0567-7572. **Scopus:** 2-s2.0-75649149128, **WOS:**000305695900058.
 12. **SPERANZA S.**, BUCINI D., PAPANATTI B., 2009. European shot-hole borer [*Xyleborus dispar* (F.)] on hazelnut: comparison between capture with chemio-chromotropic Rebell® rosso traps and modified Mastrap® traps. Acta Horticulturae. ISHS 2009, 845: 535-538. ISSN 0567-7572. **Scopus:** 2-s2.0-75449119489, **WOS:**000305695500083.
 13. **SPERANZA S.**, BUCINI D., PAPANATTI B. 2009. New observations on biology of European shot-hole borer [*Xyleborus dispar* (F.)] on hazelnut in Northern Latium (Central Italy). Acta Horticulturae. ISHS 2009, 845: 539-542. ISSN 0567-7572, **Scopus:** 2-s2.0-75449098691, **WOS:**000305695500084.
 14. **SPERANZA S.**, PAPANATTI B. 2009. Chemical control of chestnut weevils in Central Italy. Acta Horticulturae. ISHS 2009. 866: 411-415. ISSN 0567-7572. **Scopus:** 2-s2.0-77957203546, **WOS:**000313530000054.
 15. P. MAGRO, S. SPERANZA, M. STACCHIOTTI, D. MARTIGNONI, B. PAPANATTI. 2010. Gnomoniopsis associated with necrosis of leaves and chestnut galls induced by *Dryocosmus kuriphilus*. New Disease Report, 21:15. ISSN 2044-0588
 16. P. MAGRO, S. SPERANZA, M. STACCHIOTTI, D. MARTIGNONI, B. PAPANATTI. 2010. Gnomoniopsis associated with necrosis of leaves and chestnut galls induced by *Dryocosmus kuriphilus*. Plant Pathology 59:1171 Doi: 10.1111/j.1365-3059.2010.02336.x I.F. 2,368. **Scopus:** 2-s2.0-78149328810, **WOS:**000283729800041.
 17. GONTHIER P., ANSELMINI N., CAPRETTI P., BUSSOTTI F., FEDUCCI M., GARBELOTTO M., GIORDANO L., GUGLIELMO F., HONORATI T., LIONE G., LUCHI N., MANCINI V., MICHELOTTI S., MICHELOZZI M., NICOLOTTI G., PAPANATTI B., POLLASTRINI M., **SPERANZA S.**, VETTRAINO A.M. (2011). A comprehensive approach to study the impact and the epidemiology of the invasive forest pathogen

Heterobasidion irregulare in Italy. Journal of Plant Pathology. 39(4 Sup.): S4.34. DOI: 10.4454/jpp.v93i4.2359. I.F. 0,91

18. DANIELI P.P, RONCHI B., SPERANZA S. 2011. Alternative animal protein sources for aquaculture: a preliminary study on nutritional traits of Mediterranean brocade (*Spodoptera littoralis* Boisduval) larvae. ITALIAN JOURNAL OF ANIMAL SCIENCE, vol. 10; p. 109, ISSN: 1594-4077 I.F. 0,258.
19. **SPERANZA S.**, SANNINO L. 2012. The current status of *Tuta absoluta* in Italy. EPPO Bulletin. 42(2): 328-332. Print ISSN: 0250-8052 Online ISSN: 1365-2338. DOI: 10.1111/epp.2579. **Scopus:** 2-s2.0-84864962630.
20. LUNA MG, NE SÀNCHEZ, PC PEREYRA, E NIEVES, V SAVINO, E LUFT, E VIRLA & **S SPERANZA**. 2012. Biological control of *Tuta absoluta* in Argentina and Italy: evaluation of indigenous insects as natural enemies. EPPO Bulletin. 42(2): 260-267. Print ISSN: 0250-8052 Online ISSN: 1365-2338. DOI: 10.1111/epp.2564. **Scopus:** 2-s2.0-84864913336.
21. **STEFANO SPERANZA**, CLAUDIO PUCCI, NINO IANNOTTA, NATASHA DURO, ALBAN JAUPI, FADIL THOMAJ, BRUNO PAPANATTI. 2013. Application of a statistical forecast model on the olive fruit fly (*Bactrocera oleae*) infestation and oil analysis in Albania. Bulletin of Insectology. 66(2):309-314. **Scopus:** 2-s2.0-84890397141, **WOS:**000327107500021.
22. VANNINI A., MARTIGNONI D., TOMASSINI A., ALEANDRI M.P., VETTRAINO A.M., CACCIA R., **SPERANZA S.**, PAPANATTI B. 2014. New Notes on the Biology of the Chestnut Fungus *Gnomoniopsis* sp. and Its Possible Use as a Biocontrol Agent of Oriental Chestnut Gall Wasp. Acta Horticulturae. 1010: 235-238. **Scopus:** 2-s2.0-84899747013, **WOS:**000343859900035.
23. **SPERANZA S.**, CECILIA M. MELO, GABRIELA M. LUNA, EDUARDO G. VIRLA. 2014. First Record of *Zelus obscuridorsis* (Hemiptera: Reduviidae) as a Predator of the South American Tomato Leafminer, *Tuta absoluta* (Lepidoptera: Gelechiidae). Florida Entomologist. 97(1): 295-297. **Scopus:** 2-s2.0-84896948578, **WOS:**000338354400043.
24. **SPERANZA S.**, COLONNELLI E, GARONNA AP, LAUDONIA S. 2014. First records of *Anthonomus eugenii* Cano y Alcacio in Italy. Florida Entomologist. 97(2): 844-845. **Scopus:** 2-s2.0-84904105572, **WOS:**000339657600075.
25. MONARCA D., MOSCETTI R., CARLETTI L., CECCHINI M., COLANTONI A., STELLA E., MENGHINI G., **SPERANZA S.**, MASSANTINI R., CONTINI M. 2014. Quality maintenance and storability of chestnut manually and mechanically harvested. Acta Horticulturae. 1043: 145-152. **Scopus:** 2-s2.0-84908140655, **WOS:**000343941300019.
26. EDUARDO G. VIRLA, CECILIA M. MELO, **SPERANZA S.** 2015. Preliminary observations on *Zelus obscuridorsis* (Hemiptera: Reduviidae) as a predator of the corn leafhopper (Hemiptera: Cicadellidae) in Argentina. Insects. 6(2): 508-513. DOI:10.3390/insects6020508. **Scopus:** 2-s2.0-84930945675.
27. LUFT E., LUNA MG, GALISE G., **SPERANZA S.**, VIRLA EG. 2015. Natural mortality of *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae) eggs in Argentina and Italy, and first record of *Encarsia porteri* (Mercet) (Hymenoptera: Aphelinidae) affecting its populations. Revista de la Facultad de Ciencias Agrarias. 47(2): 219-229. **Scopus:** 2-s2.0-84947552497, **WOS:**000364322700017.
28. GUGLIELMINO A., MODOLA F., SCARICI E., **SPERANZA S.**, BÜCKLE C. 2015. The auchenorrhyncha fauna (Insecta, Hemiptera) of villa Lante, Bagnaia (Italy): A study of an urban ecosystem. Bulletin of Insectology. 68(2): 239-253. **Scopus:** 2-s2.0-84946832027, **WOS:**000364491800011.
29. OLMI M., XU Z., GUGLIELMINO A., **SPERANZA S.** 2016. A new species of the genus *Anteon* Jurine (Hymenoptera, Dryinidae) from Laos. ZooKeys 561: 31–38. doi: 10.3897/zookeys.561.7417. **Scopus:** 2-s2.0-84957627942, **WOS:**000369964000003.
30. OLMI M., MARLETTA A., GUGLIELMINO A., **SPERANZA S.** 2016. *Protosclerogibba australis* gen. et sp. nov., new genus and species of sclerogibbid wasps (Hymenoptera: Sclerogibbidae) from South Africa. Zootaxa. 4058(1): 127-134. **Scopus:** 2-s2.0-84959285299, **WOS:**000372775800006.

31. GUGLIELMINO A., OLMI M., **SPERANZA S.** 2016. Description of *Pareucamptonyx waldreni*, a new species of Dryinidae from Texas. Bulletin of Insectology 69 (1): 81 -84. **Scopus:** 2-s2.0-84974855927 , **WOS:** 000377642900012.
32. BEN MOUSSA I.E., MAZZONI V., VALENTINI F., YASEEN T., LORUSSO D., **SPERANZA S.**, DIGIARO M., VARVARO L., KRUGNER R., D'ONGHIA A.M. 2016. Seasonal fluctuations of sap-feeding insect species infected by *Xylella fastidiosa* in apulian olive groves of southern Italy. Journal of Economic Entomology. 109(4): 1512-1518. **Scopus:** 2-s2.0-84983348756, **WOS:** 000381916900003.
33. GUGLIELMINO A., OLMI M., **SPERANZA S.** 2016. Description of *Gonatopus sandovalae* (Hymenoptera: Dryinidae), a new species from Ecuador. Florida Entomologist. 99(3): 437- 439. **Scopus:** 2-s2.0-84989344976, **WOS:** 000384766100014.
34. VANNINI, A., VETTRAINO, A., MARTIGNONI, D., MORALES-RODRIGUEZ, C., CONTARINI, M., CACCIA, R., PAPANATTI, B. & **SPERANZA, S.** 2017, "Does *Gnomoniopsis castanea* contribute to the natural biological control of chestnut gall wasp?", Fungal Biology, vol. 121, no. 1, pp. 44-52. **Scopus:** 2-s2.0-84995957119, **WOS:** 000392683800004.
35. HEDJAM, H., MARNICHE, F., DOUMANDJI, S., CONTARINI, M., PAPANATTI, B., **SPERANZA, S.**, KROUCHI, F. and DERRIDJ, A., 2017. First report of *Eulachnus tuberculostemmatus* (Theobald, 1915) on *Pinus nigra* subsp. *mauretanica* stands in Algeria. EPPO Bulletin, 47(1), pp. 111-114. **Scopus:** 2-s2.0-85013426792, **WOS:** .
36. VANNINI, A., CONTARINI, M., FACCOLI, M., VALLE, M.D., RODRIGUEZ, C.M., MAZZETTO, T., GUARNERI, D., VETTRAINO, A.M., **SPERANZA, S.** 2017. First report of the ambrosia beetle *Xylosandrus compactus* and associated fungi in the Mediterranean maquis in Italy, and new host-pest associations. EPPO Bulletin, 47(1), pp. 100-103. **Scopus:** 2-s2.0-85010583726, **WOS:** .
37. GUGLIELMINO, A., OLMI, M., MARLETTA, A., **SPERANZA, S.** 2017. Description of the first species of *Gonadryinus Olmi* (Hymenoptera, Dryinidae) from the Afrotropical region. Zootaxa, 4238(3), pp. 440-444. **Scopus:** 2-s2.0-85015310802, **WOS:** 000395373800011.
38. BARATELLA, V., PUCCI, C., PAPANATTI, B., & **SPERANZA, S.** 2017. Response of *Bactrocera oleae* to different photoperiods and temperatures using a novel method for continuous laboratory rearing. Biological Control, 110:79-88. doi:10.1016/j.biocontrol.2017.04.010. **Scopus:** 2-s2.0-85018304779, **WOS:** 000402829400010.
39. Speranza S, Olmi M, Guglielmino G, Contarini M (2018). A new species of the genus *Deinodryinus* Perkins (Hymenoptera, Dryinidae) from the USA. Zookeys, vol. 809, p. 31-39, ISSN: 1313-2970, doi: doi.org/10.3897/zookeys.809.30647
40. Guglielmino A, Olmi M, Marletta A, Speranza S (2018). A new species of the genus *Gonatopus* Ljungh from the USA (Hymenoptera, Dryinidae). Zookeys, vol. 747, p. 63-69, ISSN: 1313-2970, doi: 10.3897/zookeys.747.24399
41. Guglielmino A, Olmi M, Speranza S (2018). Description of *gonatopus xui* sp. n. from india (hymenoptera dryinidae). REDIA, vol. 101, p. 31-33, ISSN: 2035-6382, doi: http://dx.doi.org/10.19263/REDIA-101.18.05
42. Rossini L, Severini M, Contarini M, Speranza S (2018). Distributed delay models and root: building a software to simulate pest insects' life cycle using the daily temperature. COMMUNICATIONS IN AGRICULTURAL AND APPLIED BIOLOGICAL SCIENCES, vol. 83, p. 271-276, ISSN: 1379-1176
43. Guglielmino A, Olmi M, Marletta A, Speranza S (2018). Discovery of the first species of *Dryinus* Latreille (Hymenoptera: Dryinidae) from Burmese amber. ZOOTAXA, vol. 4394, p. 443-448, ISSN: 1175-5326, doi: https://doi.org/10.11646/zootaxa.4394.3.10
44. Silvestri C, Speranza S, Rovira M, Cristofori V (2018). El cultivo del avellano en Italia: situación actual y perspectivas de futuro. REVISTA DE FRUTICULTURA, vol. 64, p. 6-13, ISSN: 2013-5742

45. Speranza S, Olmi M, Guglielmino A, Contarini M (2019). A new species of the genus *Dryinus* latreille (hymenoptera, dryinidae) from the USA. *ZOOKEYS*, vol. 871, p. 41-47, ISSN: 1313-2970, doi: 10.3897/zookeys.871.35974
46. Rossini L, Severini M, Contarini M, Speranza S (2019). A novel modelling approach to describe an insect life cycle vis-à-vis plant protection: description and application in the case study of *Tuta absoluta*. *ECOLOGICAL MODELLING*, vol. 409, 108778, ISSN: 0304-3800, doi: doi.org/10.1016/j.ecolmodel.2019.108778
47. Speranza S, Olmi M, Guglielmino A., Capradossi L, Contarini M (2019). Discovery of the transantarctic distribution of the genus *Metanteon* Olmi (Hymenoptera: Dryinidae), with description of a new species from New Caledonia. *ZOOTAXA*, vol. 4695, p. 189-194, ISSN: 1175-5326, doi: doi.org/10.11646/zootaxa.4695.2.9
48. Morales-Rodriguez C, Sferrazza I, Aleandri M, Dalla Valle M, Mazzetto T, Speranza S, Contarini M, Vannini A (2019). Fungal community associated with adults of the chestnut gall wasp *Dryocosmus kuriphilus* after emergence from galls: Taxonomy and functional ecology. *FUNGAL BIOLOGY*, vol. 123, p. 905-912, ISSN: 1878-6146, doi: 10.1016/j.funbio.2019.09.009
49. Speranza S, Olmi M, Guglielmino A, Contarini M (2019). *Gonatopus jaliscanus* sp. n., a new Pincer wasp from Jalisco, Mexico (Hymenoptera, Dryinidae). *ZOOKEYS*, vol. 818, p. 35-42, ISSN: 1313-2970, doi: doi: 10.3897/zookeys.818.30974
50. Rossini L, Severini M, Contarini M, Speranza S (2019). Use of ROOT to build a software optimized for parameter estimation and simulations with Distributed Delay Model. *ECOLOGICAL INFORMATICS*, vol. 50, p. 184-190, ISSN: 1574-9541, doi: https://doi.org/10.1016/j.ecoinf.2019.02.002
51. Rossini L, Severini M, Contarini M, Speranza S (2020). EntoSim, a ROOT-based simulator to forecast insects' life cycle: Description and application in the case of *Lobesia botrana*. *CROP PROTECTION*, vol. 129, 105024, ISSN: 0261-2194, doi: doi.org/10.1016/j.cropro.2019.10502
52. Rassati D, Contarini M, Ranger CM, Cavaletto G, Rossini L, Speranza S, Faccoli M, Marini L (2020). Fungal pathogen and ethanol affect host selection and colonization success in ambrosia beetles. *AGRICULTURAL AND FOREST ENTOMOLOGY*, vol. 22, p. 1-9, ISSN: 1461-9563, doi: 10.1111/afe.1235
53. Guglielmino A, Olmi M, Capradossi L, Speranza S. (2020). Discovery of a new nearctic species of *Bocchus* (hymenoptera: Dryinidae). *Zootaxa*; 4763(3):435-438 doi: 10.11646/zootaxa.4763.3.8
54. Bedini, G, Nallan Chakravartula, SS, Bastianelli, G, Caccia, R, Contarini, M, Morales-Rodríguez, C, Rossini, L, Speranza, S, Vannini, A, Moschetti, R, Massantini, R (2020) Feasibility of ft-nir spectroscopy and vis/nir hyperspectral imaging for sorting unsound chestnuts. *Italus Hortus*: 27(1): 3-18. DOI: 10.26353/j.itahort/2020.1.0318
55. Contarini, M., Vannini, A., Giarruzzo, F., Faccoli, M., Morales-Rodriguez, C., Rossini, L., & Speranza, S. (2020). First record of *Xylosandrus germanus* (Blandford) (coleoptera: Curculionidae, Scolytinae) in the mediterranean scrubland in southern italy, and its co-presence with the co-generic species *X. compactus* (Eichhoff) and *X. crassiusculus* (Motschulsky). *EPP0 Bulletin*, doi:10.1111/epp.12660
56. Rossini, L., Contarini, M., Severini, M., Talano, D., & Speranza, S. (2020). A modelling approach to describe the *Anthonomus eugenii* (Coleoptera: Curculionidae) life cycle in plant protection: a priori and a posteriori analysis. *Florida Entomologist*, 103(2), 259-263. doi:10.1653/024.103.0217
57. Rossini, L., Speranza, S., & Contarini, M. (2020). Distributed delay model and Von Foerster's equation: Different points of view to describe insects' life cycles with chronological age and physiological time. *Ecological Informatics*, 59 doi:10.1016/j.ecoinf.2020.101117
58. Rossini, L., Contarini, M., Giarruzzo, F., Assennato, M., & Speranza, S. (2020). Modelling *Drosophila suzukii* adult male populations: A physiologically based approach with validation. *Insects*, 11(11), 1-15. doi:10.3390/insects11110751

59. Rossini, L., Contarini, M., Severini, M., & Speranza, S. (2020). Reformulation of the distributed delay model to describe insect pest populations using count variables. *Ecological Modelling*, 436 doi:10.1016/j.ecolmodel.2020.109286
60. Morales-Rodríguez, C., Sferrazza, I., Aleandri, M. P., Dalla Valle, M., Speranza, S., Contarini, M., & Vannini, A. (2021). The fungal community associated with the ambrosia beetle *Xylosandrus compactus* invading the mediterranean maquis in central italy reveals high biodiversity and suggests environmental acquisitions. *Fungal Biology*, 125(1), 12-24. doi:10.1016/j.funbio.2020.09.008
61. Contarini, M., Rossini, L., Caccia, R., Morelli, S., Beritognolo, I., Gaudet, M., . . . Speranza, S. (2021). Do castanea sativa wild provenances influence *Dryocosmus kuriphilus* yasumatsu (Hymenoptera: Cynipidae) infestations? *Turkish Journal of Zoology*, 45(3), 206-215. doi:10.3906/zoo-2101-16
62. Speranza, S., Olmi, M., Capradossi, L., & Contarini, M. (2021). A new species of anteon (Hymenoptera, Dryinidae) from Turkey. *Journal of Hymenoptera Research*, 84, 373-380. doi:10.3897/JHR.84.66615
63. Rossini, L., Speranza, S., Severini, M., Locatelli, D. P., & Limonta, L. (2021). Life tables and a physiologically based model application to *Corcyra cephalonica* (stainton) populations. *Journal of Stored Products Research*, 91 doi:10.1016/j.jspr.2021.101781
64. Lippi, M., Bonucci, N., Carpio, R. F., Contarini, M., Speranza, S., & Gasparri, A. (2021). A YOLO-based pest detection system for precision agriculture. Paper presented at the 2021 29th Mediterranean Conference on Control and Automation, MED 2021, 342-347. doi:10.1109/MED51440.2021.9480344
65. Rossini, L., Virla, E. G., Albarracín, E. L., Van Nieuwenhove, G. A., & Speranza, S. (2021). Evaluation of a physiologically based model to predict *Dalbulus maidis* occurrence in maize crops: Validation in two different subtropical areas of south America. *Entomologia Experimentalis Et Applicata*, 169(7), 597-609. doi:10.1111/eea.13066
66. Rossini, L., Bono Rosselló, N., Speranza, S., & Garone, E. (2021). A general ODE-based model to describe the physiological age structure of ectotherms: Description and application to *Drosophila suzukii*. *Ecological Modelling*, 456 doi:10.1016/j.ecolmodel.2021.109673
67. Rossini, L., Contarini, M., & Speranza, S. (2021). A novel version of the von foerster equation to describe poikilothermic organisms including physiological age and reproduction rate. *Ricerche Di Matematica*, doi:10.1007/s11587-020-00489-6
68. Luigi, M., Mangli, A., Dragone, I., Antonelli, M. G., Contarini, M., Speranza, S., Bertin S., Tiberini A., Gentili A., Varvaro L., Tommassoli L., Faggioli, F. (2022). Effects of biochar on the growth and development of tomato seedlings and on the response of tomato plants to the infection of systemic viral agents. *Frontiers in Microbiology*, 13 doi:10.3389/fmicb.2022.862075
69. Di Sora, N., Rossini, L., Contarini, M., Chiarot, E., & Speranza, S. (2022). Endotherapeutic treatment to control *Toumeyella parvicornis* cockerell infestations on pinus pinea L. *Pest Management Science*, 78(6), 2443-2448. doi:10.1002/ps.6876
70. Rossini, L., Bono Rosselló, N., Contarini, M., Speranza, S., & Garone, E. (2022). Modelling ectotherms' populations considering physiological age structure and spatial motion: A novel approach. *Ecological Informatics*, 70 doi:10.1016/j.ecoinf.2022.101703
71. Rossini, L., Bruzzone, O. A., Contarini, M., Bufacchi, L., & Speranza, S. (2022). A physiologically based ODE model for an old pest: Modeling life cycle and population dynamics of *Bactrocera oleae* (rossi). *Agronomy*, 12(10) doi:10.3390/agronomy12102298
72. Di Sora, N., Rossini, L., Contarini, M., Mastrandrea, G., & Speranza, S. (2023). *Toumeyella parvicornis* versus endotherapeutic abamectin: Three techniques, 1 year after. *Pest Management Science*, doi:10.1002/ps.7547

73. Di Sora, N., Mannu, R., Rossini, L., Contarini, M., Gallego, D., & Speranza, S. (2023). Using species distribution models (SDMs) to estimate the suitability of European Mediterranean non-native area for the establishment of *Toumeyella parvicornis* (Hemiptera: Coccidae). *Insects*, 14(1) doi:10.3390/insects14010046
74. Roques A, Ren L, Rassati D, Shi J, Akulov E, Audsley N, Auger-Rozenberg M-, Avtzis D, Battisti A, Bellanger R, Bernard A, Bernadinelli I, Branco M, Cavaletto G, Cocquempot C, Contarini M, Courtial B, Courtin C, Denux O, Dvořák M, Fan J-, Feddern N, Francese J, Franzen EKL, Garcia A, Georgiev G, Georgieva M, Giarruzzo F, Gossner M, Gross L, Guarneri D, Hoch G, Hölling D, Jonsell M, Kirichenko N, Loomans A, Luo Y-, McCullough D, Maddox C, Magnoux E, Marchioro M, Martinek P, Mas H, Mériguet B, Pan Y-, Phélut R, Pineau P, Ray AM, Roques O, Ruiz M-, i Monteys VS, Speranza S, Sun J-, Sweeney JD, Touroult J, Valladares L, Veillat L, Yuan Y, Zalucki MP, Zou Y, Žunič-Kosi A, Hanks LM, Millar JG. (2023). Worldwide tests of generic attractants, a promising tool for early detection of non-native cerambycid species. *NeoBiota* 2023;84:169-209.

PUBLICATIONS IN REFEREED NATIONAL JOURNALS

75. **SPERANZA S., MOCHETTI M.**, 1998 - Prima segnalazione di *Otiorrhynchus cribricollis* Gyll. (Coleoptera: Curculionidae) dannoso alla carota (*Daucus carota* L. var. sativus [Hoff.]) nel litorale laziale. *Informatore Fitopatologico*, 1-2: 12-15. ISSN 0020-0735
76. **SPERANZA S.**, 1998 - Prove di controllo guidato degli afidi del pomodoro da industria [(*Myzus persicae* (Sulz.) e *Aphis fabae* (Scop.) (Homoptera: Aphididae)] e analisi quali-quantitative della produzione nella zona litoranea dell'Alto Lazio - *Agricoltura Ricerca*, 174: 41-48. ISSN 0392-5609
77. **SPERANZA S.**, 2001 – Catture di nottua gialla del pomodoro mediante Traptest® innescate con differenti dosi di feromone. *Informatore Agrario*, 22: 59-62. ISSN 0020-0689
78. **SPERANZA S., DATTILO A.M., CARLINI L., SEVERINI M., PUCCI C.** 2002 – Dinamica di coorti di *Helicoverpa armigera* (Hüb.) alimentate con pomodoro transgenico. *Il Giornale di Studio "Metodi numerici, statistici e informatici nella difesa delle colture agrarie e delle foreste: ricerca e applicazioni"*. Pisa, 20-23 Maggio 2002. *Notiziario sulla Protezione delle Piante*. 15: 293-300. ISSN 1124-9161
79. **PAPARATTI B., SPERANZA S.**, 2003 – Controllo agronomico del balanino delle castagne. *L'informatore Agrario*, 39: 75. ISSN 0020-0689
80. **SPERANZA S.**, 2004 – Monitoriamo il bosco, salviamo il bosco. *ATC RI2 Gestione ambientale faunistica e venatoria*. Settembre 2004 Anno II, 4: 14.
81. **AMICI A., PAPARATTI B., SERRANI F., SPERANZA S.**, 2004. Il cinghiale e la farfalla. *ATC RI2, Gestione ambientale faunistica e venatoria*. Dicembre 2004. Anno II, 5: 12.
82. **PAPARATTI B., SPERANZA S.**, 2005 – Prima segnalazione del cinipide galligeno del castagno (*Dryocosmus kuriphilus* Yasumatsu) in Italia centrale. *Italus Hortus*, 12(5): 40. (ISSN 1127-3496)
83. **PAPARATTI B., SPERANZA S.**, 2005 – Prove di controllo delle popolazioni di *Curculio* spp. nel comprensorio castanicolo dei Monti Cimini. *Italus Hortus*, 12(5): 41-42. (ISSN 1127-3496)
84. **PAPARATTI B., SPERANZA S., MONARCA D., CECCHINI M.**, 2005 – Incidenza della raccolta meccanizzata sulle infestazioni di Balanino (*Curculio* spp.). *Italus Hortus*, 12(5): 42. (ISSN 1127-3496)
85. **SPERANZA S., PAPARATTI B., MENCARELLI F.**, 2005 - Tecniche alternative alla cura per il controllo degli stadi preimmaginali di balanino (*Curculio* spp.) presenti nelle castagne. *Italus Hortus*, 12(5): 42-43. (ISSN 1127-3496)
86. **SPERANZA S. VIRLA E., HUEMER P.** 2009. *Tuta absoluta* riconoscerla per gestirla. *Terra e Vita. Speciale difesa ortive*. 25:44-47. ISSN 0040-3776
87. **SPERANZA S., VIRLA E., HUEMER P.**, 2009. Attacchi di *Tuta absoluta*: riconoscerla per gestirla. *Colture Protette*. 9:26-34. (ISSN: 0390-0444)

88. PECORA P., CARBONE G., MONTANARO G., DICHIO B., XILOYANNIS C., ANELLI G., BELLINCONTRO A., BOTONDI R., FORNITI R., MENCARELLI F., MUGANU M., CAMILLI M., BALESTRA G.M., TRATARCANGELI L., ROSSETTI A., CHILOSI G., MAGRO P., MARTIGNONI D., DI GIOVANNI M., VANNINI A., VETTRAINO A.M., PUCCI C., **SPERANZA S.**, CARBONE A. 2009. Progetto regione Lazio - PRAL 118; Il kiwi nel Lazio: innovazioni in punti critici della filiera dalla pianta al consumatore. *Italus Hortus*. 16(5): 165-167. ISSN 1127-3469.
89. **SPERANZA S.** 2009. Prime infestazioni di *Tuta absoluta* su fagiolino nel Lazio. *Terra e Vita, Informatore Fitopatologico, Edagricole* 46: 14-15.
90. PAPARATTI B., **SPERANZA S.** 2010. Le ricerche sul cinipide galligeno del castagno: stato dell'arte. *Corylus & Co. Rivista del Centro Studi e Ricerche sul Nocciolo e Castagno*. Editore CeFas, Viterbo. 2: 67-70. ISSN 2038-8292
91. **SPERANZA S.**, SINTINI A. 2010. Diffusione Monitoraggio e difesa nelle Principali Regioni Italiane: LAZIO. In "*Tuta absoluta*. Guida alla conoscenza e recenti acquisizioni per una corretta difesa" Sannino L. Espinosa B. ed. Supplemento 1 de "L'Informatore Agrario". 46: 88-89. ISSN 0020-0689
92. PAPARATTI B., CACCIA R., **SPERANZA S.** 2014. *Dryocosmus kuriphilus* Yasumatsu: prova di controllo con un repellente derivato dall'agricoltura biodinamica. *Castanea* 2014. VI congresso nazionale sul castagno *Corylus & Co.* 1 (2014): 53.

FULL PUBLICATIONS IN PROCEEDINGS OF INTERNATIONAL CONFERENCES

93. PUCCI C., SPANEDDA A.F., **SPERANZA S.**, LIPIZZI F., 1997 - Capturas de adultos de *Bactrocera oleae* (Gmel.) mediante armadilhas cromotrópicas e feromónicas para a previsão da infestação. II International Open Meeting, Lisbon, Portugal 22-24 September 1997. *OILB/SROP Bulletin, Working Group "Fruit flies of Economic Importance"* Ed. J. Piedade-Guerreiro., 20(8):145-155. (ISBN 92-9067-093-2)
94. PAPARATTI B., **SPERANZA S.**, 2000 – Result of two-year study on bioethology and control of chestnut orchard key pests *Curculio elephas* (Gyll.)(Coleoptera, Curculionide) in Central Italy. Proc. COST Action G4, MC Meeting and Workshop on Tree Physiology WG1 & Disease and Pest WG3. 4-6 Maggio, Litochoro, Grecia, 31-34.
95. **SPERANZA S.**, 2000 – Efficacy of Trap Test[®] capturing of chestnut tortrix moth (*Pammene fasciana* L., *Cydia fagiglandana* (Zell) and *Cydia splendana* Hb.) in Central Italy. Proc. COST Action G4, MC Meeting and Workshop on Tree Physiology WG1 & Disease and Pest WG3. 4-6 Maggio, Litochoro, Grecia, 96-97.
96. **SPERANZA S.**, SANNINO L., 2011. The current status of *Tuta absoluta* in Italy. EPPO/IOBC/FAO/NEPPO Joint International Symposium on management of *Tuta absoluta*. Agadir, Morocco, 2011-11-16/18. 21-23.

FULL PUBLICATIONS IN PROCEEDINGS OF NATIONAL CONFERENCES

97. PAPARATTI B., RICCI M., **SPERANZA S.** 2003 – Prove di laboratorio e di campo: balanino del castagno. Convegno Nazionale "Nematodi quali agenti biologici di controllo su insetti di rilevanza sia per l'agricoltura che per la salute". Perugia, Etruscan Chocohotel, 26 settembre.
98. **SPERANZA S.**, FONZO V., SORESSI G., PUCCI C. 2004 – Biosaggi plurigenerazionali sull'*Helicoverpa armigera* (Hüb.) (Lepidoptera, Noctuidae) alimentata con foglie di pomodoro transgenico per il gene kti3 (Kunitz). Atti XIX Congresso Nazionale di Entomologia. Catania 10-15 Giugno 2002. Tipografia Polaris, Sondrio. Vol I. 671-677.
99. FARISEI F., PANICHI D., POERIO E., **SPERANZA S.**, PUCCI C., FONZO V., CACCIA R., SORESSI G.P. 2004 - Livelli di attività antiproteinasiche in piante transgeniche di pomodoro esprimenti inibitori di serin e

- cistein proteinasi per il controllo di insetti fitofagi dannosi. Atti XIX Congresso Nazionale di Entomologia. Catania 10-15 Giugno 2002. Tipografia Polaris, Sondrio. Vol I. 765-769.
100. PAPARATTI B., SPERANZA S., TERROSI A., PUCCI C. 2004 – Prova di campionamento degli adulti di balanino del castagno (*Curculio propinquus* Desbr.) per mezzo di trappole cromotropiche e chemio-tropiche. Atti XIX Congresso Nazionale di Entomologia. Catania 10-15 Giugno 2002. Tipografia Polaris, Sondrio. Vol II. 917-920.
101. SPERANZA S., ALILLA R., SEVERINI M., 2004 - Simulazione dello sviluppo fenologico del coleottero *Chrysomela populi* L. mediante il modello a ritardo distribuito: studio di fattibilità. III Giornate di studio: Metodi numerici, statistici e informatici nella difesa delle colture agrarie e delle foreste: ricerca e applicazioni. A Cura di A. Dalla Marta e S. Orlandini. 24-26 Novembre 2004, Firenze, 109-113.
102. SPERANZA S., PAPARATTI B., MENCARELLI F., VAILATI M., 2005 - Tecniche alternative alla cura per il controllo degli stadi preimmaginali di balanino (*Curculio* spp.) presenti nelle castagne. Atti IV Convegno Nazionale - Castagno 2005. Tipografia F.&F. Parretti Grafiche, Firenze. Montella, 20-22 ottobre 2005. 223-225.
103. PAPARATTI B., SPERANZA S., 2005 – Prima segnalazione del cinipide galligeno del castagno (*Dryocosmus kuriphilus* Yasumatsu) in Italia centrale. Atti IV Convegno Nazionale - Castagno 2005. Montella, 20-22 ottobre 2005. Tipografia F.&F. Parretti Grafiche, Firenze. 214-215.
104. PAPARATTI B., SPERANZA S., 2005 – Prove di controllo delle popolazioni di *Curculio* spp. Nel comprensorio castanicolo dei Monti Cimini. Atti IV Convegno Nazionale - Castagno 2005. Montella, 20-22 ottobre 2005. Tipografia F.&F. Parretti Grafiche, Firenze. 217-219.
105. PAPARATTI B., SPERANZA S., MONARCA D., CECCHINI M., 2005 – Incidenza della raccolta meccanizzata sulle infestazioni di Balanino (*Curculio* spp.). Atti IV Convegno Nazionale - Castagno 2005. Montella, 20-22 ottobre 2005. Tipografia F.&F. Parretti Grafiche, Firenze. 220-222.
106. SPERANZA S., ALILLA R., PESOLILLO S., STACCHIOTTI M., PAPARATTI B., SEVERINI M., 2007 – Applicazione del modello a ritardo variabile per la simulazione della fenologia degli stadi preimmaginali del balanino del castagno *Curculio propinquus* (Desbr.) (Coleoptera, Curculionidae). - IV Giornate di studio: Metodi numerici, statistici e informatici nella difesa delle colture agrarie e delle foreste: ricerca e applicazioni. 27-29 Marzo 2007. Viterbo. 23-25.
107. SPERANZA S., ALILLA R., PESOLILLO S., SEVERINI M., 2007 - Modello previsionale del rischio di attacco del punteruolo rosso delle palme (*Rhynchophorus ferrugineus*) nel Lazio: ipotesi di lavoro. IV Giornate di studio: Metodi numerici, statistici e informatici nella difesa delle colture agrarie e delle foreste: ricerca e applicazioni. 27-29 Marzo 2007. Viterbo. 29-31.
108. ALILLA R., SPERANZA S., PEROVIĆ T., HRNČIĆ S., PESOLILLO S., PUCCI C., SEVERINI M., 2007 - Modello a Ritardo Variabile per la simulazione della fenologia della *Bactrocera oleae* (Gmel.) (Diptera, Tephritidae) in due diversi ambienti olivicoli e in condizioni di aumento di temperatura. IV Giornate di studio: Metodi numerici, statistici e informatici nella difesa delle colture agrarie e delle foreste: ricerca e applicazioni. 27-29 Marzo 2007. Viterbo. 48-50.
109. PUCCI C., PAPARATTI B., SPANEDDA A.F., SPERANZA S., TERROSI A., BURLINI L., 2007 – Sviluppo e applicazione di metodologie di controllo integrato e biologico contro i fitofagi del nocciolo. Atti convegno “Studio e ottimizzazione della filiera corilicola dell’area Cimino – Sabatina. 4 aprile 2007. Scuderie Palazzo Farnese, Caprarola, Viterbo. 91- 113.

BOOK CHAPTERS

110. PAPARATTI B., SPERANZA S., 1998 – I principali fitofagi del castagno. In “Introduzione di nuove tecniche di raccolta a minore impatto ambientale per la valorizzazione della castanicoltura da frutto nel territorio dei Monti Cimini” Stampa Agnesotti, Viterbo. Obiettivo 5b 1994-99 Asse 1 sottoprogramma 1 misura 1.1. Relazione presentata nel corso della “Giornata di studio sul castagno da frutto” Caprarola (VT) 30 Gennaio 1998, 67-81.
111. PAPARATTI B., SPERANZA S., 1999 – Raccolta meccanica e controllo dei fitofagi (Mechanized harvesting

- and control of phytophagous). Capitolo 7, in “Introduzione di nuove tecniche di raccolta a minore impatto ambientale per la valorizzazione della castanicoltura da frutto nel territorio dei Monti Cimini” Stampa Agnesotti, Viterbo. Obiettivo 5b, 1994-99 Asse 1 sottoprogramma 1 misura 1.1. Caprarola, 16 Dicembre 1999. 65-66.
112. PAPARATTI B., SPERANZA S., 1999 – I principali fitofagi del castagno. Capitolo 9, in “Introduzione di nuove tecniche di raccolta a minore impatto ambientale per la valorizzazione della castanicoltura da frutto nel territorio dei Monti Cimini” Stampa Agnesotti, Viterbo. Obiettivo 5b, 1994-99 Asse 1 sottoprogramma 1 misura 1.1. Caprarola, 16 Dicembre 1999. 73-82.
113. SPERANZA S., 2001 – *Cydia splendana* [testo originale di S. Speranza]. In: Crop Protection Compendium, Global Module, 2001 Edition. ©CAB International. Wallingford, UK, 2001. ISSN 1365-9065, ISBN 0 85199 568 3.
114. PUCCI C., SPANEDDA A.F., PAPARATTI B., SPERANZA S., 2006 – Modelli di previsione della gravità dell’infestazione da *Bactrocera oleae* (Gmel.) (Diptera, Tephritidae), in: Medunarodna Manifestacija o Mastini i Maslinovom Ulju “Tekuće zeleno zlato Istre”, Croatia, pp.23-36. ISBN 953-99429-1-8
115. SPERANZA S., PUCCI C. 2009 Linee guida per il controllo dei principali insetti che attaccano l’actinidia. In: il Kiwi nel Lazio: Innovazioni in punti critici della filiera dalla pianta al consumatore. Stampa ArtiGraficheVerchia, Latina. Latina 24 febbraio 2009. 46-51.
116. SPERANZA S., ALILLA R., PESOLILLO S., STACCHIOTTI M., PAPARATTI B., SEVERINI M., 2009 – Applicazione del modello a ritardo variabile per la simulazione della fenologia degli stadi preimmaginali del balanino del castagno *Curculio propinquus* (Desbr.) (Coleoptera, Curculionidae). In “Modelli per la Difesa delle Piante” a cura di M. Severini e S. Pesolillo. Aracne Editrice. Maggio 2009 (ISBN 978-88-548-2586-4). 166-168.
117. ALILLA R., SPERANZA S., PEROVIĆ T., HRNČIĆ S., PESOLILLO S., PUCCI C., SEVERINI M., 2009 - Modello a Ritardo Variabile per la simulazione della fenologia della *Bactrocera oleae* (Gmel.) (Diptera, Tephritidae) in due diversi ambienti olivicoli e in condizioni di aumento di temperatura. In “Modelli per la Difesa delle Piante” a cura di M. Severini e S. Pesolillo. Aracne Editrice. Maggio 2009 (ISBN 978-88-548-2586-4). 169-171.
118. SPERANZA S., MAZZAGLIA A., HARFOUCHE A., HEYDARI A. 2010. Involvement of Insect Pests in Plant and Crop Stress. Chapter 29. In Handbook of Plant and Crop Stress, 3rd Edition, Revised and Expanded. Pessarakli, M. (Ed.). CRC Press, Taylor & Francis Publishing Company, Florida. Publication Date: November 22, 2010. ISBN: 9781439813966. 747-771.
119. SPERANZA S., VARVARO L. 2015. La collaborazione scientifica tra il Dipartimento di Scienze e Tecnologie per l’agricoltura, le Foreste e l’Energia (DAFNE) dell’Università degli Studi della Tuscia di Viterbo e le istituzioni scientifiche del Sud America: una opportunità di crescita sostenibile. In: Cooperazione Internazionale in Agricoltura: Sviluppo e risposte Operative. Luciani A. (Ed.). Libreria Editrice Vaticana. ISBN 9788820994990. 443-452.
120. ROSSINI L, SEVERINI M, CONTARINI M, SPERANZA S (2018). Distributed Delay Models: a proposal of application in urban context to forecast pest insects’ life cycle. In: Leone A, Gargiulo C. Environmental and territorial modelling for planning and design. SMART CITY. URBAN PLANNING FOR A SUSTAINABLE FUTURE, vol. 4, p. 169-178, Napoli: FedOAPress - Federico II Open Access University Press, ISBN: 978-88-6887-048-5, ISSN: 2611-6103, doi: 10.6093/978-88-6887-048-5
121. KARATAŞ YAVUZ S, İİSLAM A, TONKAZ T, ÖZKUTLU F, ROVIRA M, ROMERO A, CRISTOFORI V, SILVESTRI C, SPERANZA S, ÇETIN S, YILMAZ G. Examination of modern and traditional applications in hazelnut production. Acta Horti 2018;1226:329-32.
122. Cristofori V, Speranza S, Silvestri C (2019). Developing hazelnuts as a sustainable and industrial crop. In: Ümit Serdar, Dennis Fulbright. Achieving sustainable cultivation of tree nuts. BURLEIGH DODDS SERIES IN AGRICULTURAL SCIENCE, Sawston, Cambridge: Burleigh-Dodds, ISBN: 9781786762245, ISSN: 2059-6936

TRANSLATION OF BOOKS

123. LAURA GASCO, GIULIANA PARISI, SILVIA CAPPELLOZZA, PIER PAOLO DANIELI, FRANCESCO GAI, NICOLA MANNO, MAURIZIO G. PAOLETTI, GIOVANNI PICCOLO, ALESSANDRA RONCARATI, ACHILLE SCHIAVONE, **SPERANZA S.**, GENCIANA TEROVA, GIANLUCA TETTAMANTI (2017). Insetti commestibili Prospettive future relative alla disponibilità di alimenti e mangimi. FAO FORESTRY PAPER, vol. 171, p. 1-199, Pinerolo (Torino): Chiriotti Editori srl, ISBN: 978-88-96027-32-5, ISSN: 0258-6150

TECHNICAL-DISCLOSURE BOOKLETS

124. PAPARATTI B., **SPERANZA S.**, 2001 – Il balanino delle castagne *Curculio elephas* (Gyl.): biologia e nuove metodologie di difesa. Comune di Serino, 1-11.
125. PAPARATTI B., **SPERANZA S.**, 2003 – Il cinipide galligeno del castagno *Dryocosmus kuriphilus* Yasumatsu, un nuovo fitofago del castagno, un nuovo pericolo per i castagneti italiani. Comune di Vallerano, Viterbo, 1-4.

ABSTRACTS FROM PROCEEDINGS OF INTERNATIONAL CONFERENCES

126. PAPARATTI B., **SPERANZA S.**, 1998 – Biological control of chestnut weevil (*Curculio elephas* Gyll.; Coleoptera, Curculionidae) with the entomopathogenic fungus *Beauveria bassiana* (Balsamo) Vuill. (Deuteromycotina, Hyphomycetes) Proc. 2nd Int. Symp. On Chestnut. Ed. G. Salesses. October, 19-23, 1998. Bordeaux, France. P. 55.
127. **SPERANZA S.**, 1999 – Chestnut pests in Central Italy. Oral communication at 2nd Int. Symp. On Chestnut. Ed. G. Salesses. October, 19-23, 1998. Bordeaux, France.
128. PAPARATTI B., **SPERANZA S.**, PUCCI C. 2002 - Control en pleno campo de *Curculio propinquus* Desbr. (Coleoptera: Curculionidae) con el hongo entomopatògeno *Beauveria bassiana* (Bals.) Vuill. (Deuteromycotina: Hyphomycetes). XII Phytoma, Valenzia, Spagna. 3-4 Dicembre 2002.
129. PAPARATTI B., **SPERANZA S.**, 2004 - Biological control of hazelnut weevil (*Curculio nucum* L., Coleoptera, Curculionidae) with the entomopathogenic fungus *Beauveria bassiana* (Balsamo) Vuill. (Deuteromycotina, Hyphomycetes). Proc. 6th International Congress on Hazelnut. Tarragona (Spagna) 14-18 Giugno 2004. 95.
130. BALESTRA G.M., BUCINI D., PAPARATTI B., **SPERANZA S.**, PROIETTI ZOLLA C., PUCCI C., VARVARO L., 2004 – Bio-etology of *Anisandrus dispar* F. and its possible involvement in dieback (Moria) disease of hazelnut (*Corylus avellana* L.) plants in central Italy. 6th International Congress on Hazelnut. Tarragona (Spagna) 14-18 Giugno 2004. 101.
131. PAPARATTI B., **SPERANZA S.**, 2004 - Management of chestnut weevil (*Curculio* spp.), insect key-pests in central Italy. III International Chestnut Congress. 20-23 Ottobre 2004. Chaves Portogallo. 136.
132. VETTRAINO A.M., **SPERANZA S.**, PAPARATTI B., PUCCI C., VANNINI A.. 2004. Molecular detection of *Ciboria batschiana* associated to the chestnut weevil *Curculio propinquus*. Atti III International Chestnut Congress. 20-23 Ottobre 2004, Chaves Portogallo. 130.
133. SERRANI F., **SPERANZA S.**, AMICI A., PAPARATTI B., 2005 – The defoliation provoked from the Gypsy Moth (*Lymantria dispar* L.) can influence wild boar (*Sus scrofa* L.) population structure? Atti IVth International Symposium on Wild Fauna, Edited by Milan Trávníček and Alica Kočíšová. Tatranská Lomnica, Slovakia, 4-8 settembre 2005: 66.
134. PAPARATTI B., BUCINI D., **SPERANZA S.** 2008. European shot-hole borer [*Xyleborus dispar* (F.)] on hazelnut: comparison between capture with chemio-chromotropic Rebell[®] rosso traps and modified Mastrap[®] traps. Proc. 7th International Congress on Hazelnut. Viterbo, Italia, 23-27 giugno 2008. 148.
135. PAPARATTI B., BUCINI D., **SPERANZA S.** 2008. New observation on biology of European shot-hole borer [*Xyleborus dispar* (F.)] on hazel in northern Latium (Central Italy). Proc. 7th International Congress on Hazelnut.

Viterbo, Italia, 23-27 giugno 2008. 149.

136. GERMINARA G.S., DE CRISTOFARO A., SPERANZA S., PAPARATTI B., STACCHIOTTI M., ROTUNDO G. 2008. Electroantennographic responses of *Dryocosmus kuriphilus* to *Castanea sativa* leaf volatiles. Proc. IV International Chestnut Symposium. 15-18 Settembre, 2008, Beijing (Cina). 36.
137. SPERANZA S., STACCHIOTTI M., PAPARATTI B. 2008. Endemic parasitoids of *Dryocosmus kuriphilus* Yasumatsu (Hymenoptera, Cynipidae) in Central Italy. Proc. IV International Chestnut Symposium. 15-18 Settembre, 2008, Beijing (Cina). 39.
138. SPERANZA S., PAPARATTI B. 2009. Chemical control of chestnut weevil in Central Italy. Atti 1st European Congress on Chestnut. "Castanea 2009 Food, Timber, Biomass & Energy in Europe". 13-16 Ottobre 2009 Cuneo. 189. ISBN: 9789066054141
139. DANIELI P.P., RONCHI B., SPERANZA S. 2011. Alternative animal protein sources for aquaculture: a preliminary study on nutritional traits of mediterranean brocade (*Spodoptera littoralis* Boisduval) larvae. XIX Congress of Animal Science and Production Association. 7-9 giugno 2011. Cremona.
140. LUNA, MG, NE SÀNCHEZ, PC PEREYRA, E NIEVES, V SAVINO, E LUFT, E VIRLA & S SPERANZA. 2011. Biological control of *Tuta absoluta* in Argentina and Italy: evaluation of indigenous insects as natural enemies. EPPO/IOBC/FAO/NEPPO Joint International Symposium on management of *Tuta absoluta*. Agadir, Morocco, 2011-11-16/18. 81.
141. VANNINI A., MARTIGNONI D., CACCIA R., BRUNI N., TOMASSINI A., PAPARATTI B., SPERANZA S., ALEANDRI M.P., VETTRAINO A.M. (2012). Biological control of chestnut gall wasp by endophytic fungus *Gnomoniopsis* sp. Fifth International Chestnut Symposium. Shepherdstown, WV (USA), 4-8 settembre 2012. 42
142. LUFT E., GALISE G., SPERANZA S., LUNA M.G., VIRLA E. (2012) Presencia espontáneas de parasitoides de huevos de la pollilla del tomate *Tuta absoluta* (Meyrick)(Lepidoptera: Gelechiidae) en Argentina e Italia. XXXV Congreso Argentino de Horticultura. Simposio: Tomate y pimiento bajo cobertura plástica. Corriente (Argentina) 23-27 settembre 2012. 432. ISBN 978-987-97812-9-6.
143. JIA B., GALLIPOLI L., HU J., LIU P., SPERANZA S., MAZZAGLIA A., ZHU L., BALESTRA G.M. (2013) Two potential vectors, *Bothrogonia ferruginea* and *Philagra hexamaculata* for spread of *Pseudomonas syringae* pv. *Actinidiae* causing kiwifruit bacterial canker. PSA 2013, 19-22 November 2013. Mt Maunganui, Tauranga, New Zealand. 73.
144. Contarini M, Ruiu L, Speranza S, Luciano P (2018). ENTOMOPHAGA MAIMAIGA IN EUROPE: TESTING THE SUSCEPTIBILITY OF GYPSY MOTH POPULATIONS OF ITALY. XI European Congress of Entomology. In: Book of abstracts. p. 37, Napoli, 2-6 Luglio 2018
145. Contarini M, Brizi G, Rossini L, Campiglia E, Radicetti E, Speranza S (2018). FIRST YEAR OF SURVEY ON HETEROPTERANS ASSOCIATED TO THE INFLORESCENCE OF INDUSTRIAL HEMP (CANNABIS SATIVA) IN CENTRAL ITALY. XI European Congress of Entomology. In: Book of abstracts. p. 153, Napoli, 2-6 Luglio 2018
146. Contarini M, Cristofori V, Silvestri C, Rossini L, Varvaro L, Gasparri A, Garone E, Udelhoven T, Retzlaff R, Lamprecht S, Graziani E, Pecchia M, Giustarini L, Galli D, Carletti C, Ulivi G, Torlone R, Albino Frezza A, Speranza S (2018). NEW FRONTIERS OF IPM: PANTHEON (PRECISION FARMING OF HAZELNUT ORCHARDS) PROJECT FOR THE IMPROVEMENT OF PEST CONTROL STRATEGIES. XI European Congress of Entomology. In: Book of Abstract. p. 172-173, Napoli, 2-6 Luglio 2018
147. Falih Fenjan S, Contarini M, Speranza S (2018). OLIVE CULTIVATION AND THE MAIN STRATEGIES TO CONTROL OLIVE KEY PESTS IN IRAQ. XI European Congress of Entomology. In: Book of Abstracts. p. 155, Napoli, 2-6 Luglio 2018
148. Rossini L, Severini M, Contarini M, Speranza S (2019). A novel version of the von foerster equation to describe poikilothermic organisms considering physiological age and reproduction rate in crop protection. Tenth International Conference Dynamical Systems Applied To Biology And Natural Sciences (Dsabns). In: Book of abstracts . p. 186-187, ISBN: 978-989-98750-6-7, CENTRO CONGRESSI FEDERICO II, NAPOLI, ITALY,

3-6 February, 2019

149. Rossini L, Severini M, Contarini M, Speranza S (2019). A physiological age model as a forecasting tool for plant protection against the tomato leaf miner *Tuta absoluta*. The Fifth International Conference on Computational and Mathematical Population Dynamics. In: Book of abstract. p. 1-2, Fort Lauderdale, Florida, 19-24 Maggio 2019

ABSTRACTS FROM PROCEEDINGS OF NATIONAL CONFERENCES

150. CACCIA R., SCHETTINO M., FARISEI F., SAVAZZINI F., POERIO E., **SPERANZA S.**, PUCCI C., SORESSI G.P. 1999. BBI and Kunitz Serin-proteinase inhibitor action in tomato transgenic plants towards *Helicoverpa armigera* larvae. WORKSHOP “Resistenza durevole a stress biotici nelle piante: contributo delle biotecnologie”. Università degli Studi della Tuscia (Viterbo) 20-21 maggio 1999.
151. **SPERANZA S.**, CACCIA R., FONZO V., PUCCI C., SORESSI G.P. 2001 – Tomato plants transgenic for an *Arabidopsis thaliana* cystein proteinase inhibitor (Atcys) impair the life cycle of *Helicoverpa armigera* (Hüb.). XLV Convegno Annuale della SIGA. Salsomaggiore Terme, 26-29 Settembre, poster 4.45. ISBN 88-9000622-1-5.
152. **SPERANZA S.**, FONZO V., SORESSI G., PUCCI C. (2002) – Biosaggi plurigenerazionali sull'*Helicoverpa armigera* (Hüb.) (Lepidoptera, Noctuidae) alimentata con foglie di pomodoro transgenico per il gene kti3 (kunitz). Riassunti XIX Congresso Nazionale di Entomologia. Catania 10-15 Giugno 2002. Tipografia dell'Università di Catania, Catania. 4.1-132P. 147.
153. FARISEI F., PANICHI D., POERIO E., **SPERANZA S.**, PUCCI C., FONZO V., CACCIA R., SORESSI G.P. 2002 - Livelli di attività antiproteinasiche in piante transgeniche di pomodoro esprimenti inibitori di serin e cistein proteinasi per il controllo di insetti fitofagi dannosi. Riassunti XIX Congresso Nazionale di Entomologia. Catania 10-15 Giugno 2002. Tipografia dell'Università di Catania, Catania. 4.1-153P. 168.
154. PAPARATTI B., **SPERANZA S.**, TERROSI A., PUCCI C. 2002 – Prova di campionamento degli adulti di balanino del castagno (*Curculio propinquus* Desbr.) per mezzo di trappole cromotropiche e chemio-tropiche. Riassunti XIX Congresso Nazionale di Entomologia. Catania 10-15 Giugno 2002. Tipografia dell'Università di Catania, Catania. 4.2-179P. 197.
155. VETTRAINO A.M., **SPERANZA S.**, PAPARATTI B., PUCCI C., VANNINI A., 2003 - Molecular assay to identify vector relationships between *Curculio propinquus* and *Rachodiella castaneae*. Atti, X Convegno nazionale della SIPAV - Sorrento, 1-3 Ottobre, 86.
156. **SPERANZA S.**, SPANEDDA A.F., TERROSI A., PUCCI C., 2005 – Controllo di *Leptinotarsa decemlineata* Say (Coleoptera Chrysomelidae) mediante impiego di Spinosad. Atti XX Congresso nazionale italiano di entomologia. Perugia – Assisi. 13-18 giugno 2005. Tipografia Coppini, Firenze. 267.
157. **SPERANZA S.**, PAPARATTI B., STACCHIOTTI M., ALILLA R., SEVERINI M., 2007 – Per una precisa definizione degli stadi larvali del *Curculio propinquus* (Desbr.) fitofago chiave del castagno nel comprensorio castanicolo dei Monti cimini (Viterbo). Atti XXI congresso nazionale italiano di Entomologia, Campobasso, 11-16 giugno 2007. Tipografia Coppini, Firenze. 278.
158. **SPERANZA S.**, PIZZUOLO P.H., LUCERO G.S., MAZZAGLIA A. 2009. Rinvenimento del fungo entomopatogeno *Beauveria bassiana* (Balsamo) Vuill. Su *Rhynchophorus ferrugineus* nel Lazio e prove di patogenicità. Atti XXII Congresso Nazionale Italiano di Entomologia. Ancona 15/18 Giugno 2009. 348.
159. GONTHIER P., ANSELMINI N., CAPRETTI P., BUSSOTTI F., FEDUCCI M., GARBELOTTO M., GIORDANO L., GUGLIELMO F., HONORATI T., LIONE G., LUCHI N., MANCINI V., MICHELOTTI S., MICHELOZZI M., NICOLOTTI G., PAPARATTI B., POLLASTRINI M., **SPERANZA S.**, VETTRAINO A.M. (2011). A comprehensive approach to study the impact and the epidemiology of the invasive forest pathogen *Heterobasidion irregulare* in Italy. In: Proceedings of XVII National Congress of Society for Plant Pathology, Bologna, September 12th-14th 2011. Bologna, 12-14 settembre, p. 32.
160. PAPARATTI B., CACCIA R., **SPERANZA S.** 2014. Le ricerche sui principali fitofagi del castagno nel Lazio, stato dell'arte. In Volume degli atti del convegno “Stato dell'arte della ricerca sulle colture arboree nel Lazio” a

cura di E. Rugini, L. Bacchetta, M. Barba, G. Cipriani, L. Di Renzo. Viterbo, 23 Aprile 2013. UniversItalia. Roma. ISBN 9788865075906. Pag 216.

161. **SPERANZA S., PAPANATTI B., PUCCI C.** 2014. Le ricerche sui principali fitofagi dell'olivo nel Lazio, stato dell'arte. In Volume degli atti del convegno "Stato dell'arte della ricerca sulle colture arboree nel Lazio" a cura di E. Rugini, L. Bacchetta, M. Barba, G. Cipriani, L. Di Renzo. Viterbo, 23 Aprile 2013. UniversItalia. Roma. ISBN 9788865075906. Pag 217.
162. **PAPANATTI B., SPERANZA S.** 2014. Le ricerche sui principali fitofagi del nocciolo nel Lazio, stato dell'arte. In Volume degli atti del convegno "Stato dell'arte della ricerca sulle colture arboree nel Lazio" a cura di E. Rugini, L. Bacchetta, M. Barba, G. Cipriani, L. Di Renzo. Viterbo, 23 Aprile 2013. UniversItalia. Roma. ISBN 9788865075906. Pag 219.
163. **BRUNORI E., BIASI R., PESOLILLO S., LATTEPINI F., EUSEPI E., SEVERINI M., SPERANZA S., PAPANATTI B., FABI A., VARVARO L.** 2014. Approccio integrato per lo sviluppo della viticoltura di precisione. In Volume degli atti del convegno "Stato dell'arte della ricerca sulle colture arboree nel Lazio" a cura di E. Rugini, L. Bacchetta, M. Barba, G. Cipriani, L. Di Renzo. Viterbo, 23 Aprile 2013. UniversItalia. Roma. ISBN 9788865075906. Pag 279.

MONOGRAPHY

164. **PAPANATTI B., SPERANZA S.,** 2005 – Progetto "LAZIOFOR" programma triennale di studio sui principali lepidotteri defogliatori delle querce in aree boscate della Regione Lazio, Risultati. Stampa Agnesotti, Viterbo. 1-31.
165. **Islam A, Ozkutlu F, Tonkaz T, Cristofori V, Silvestri C, Pica AL, Speranza S, Rovira M, Romero A, Battle I** (2018). Hazelnut cultivation in Europe. Istanbul: Islam Ali, ISBN: 9786058099005

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