



POSTER SESSIONS BY DAY

POSTER SESSION	Poster new number	Presentation Date	Theme	First Name	Last Name	Paper Title	Submission Number
1	P001	Mon. 16 Oct 2023	01. Morphology and Systematics	Saskia	Bastin	Characterization of a new island radiation on endemic <i>Convolvulus floridus</i> (Convolvulaceae) in the Canary Islands	426
1	P002	Mon. 16 Oct 2023	01. Morphology and Systematics	Sanja	Budečević	Experimentally induced host-shift changes morphology and fluctuating asymmetry in sex-specific manner in a seed beetle: an experimental evolution approach	256
1	P003	Mon. 16 Oct 2023	01. Morphology and Systematics	Alice	Casiraghi	A new species, a new invader, or an old neighbour? The curious tale of the aphid <i>Longicaudinus corydalisicola</i> (Tao, 1963)	795
1	P004	Mon. 16 Oct 2023	01. Morphology and Systematics	Tomasz	Durak	Use of Infrared Spectroscopy (ATR-FTIR) to identify aphid species	377
1	P005	Mon. 16 Oct 2023	01. Morphology and Systematics	Anastasia	Makarova	Scaling of the antennal sensory system of the smallest insects	568
1	P006	Mon. 16 Oct 2023	01. Morphology and Systematics	Snežana	Pešić	Evolution of pesticide resistance in seed beetles: transgenerational effects of sub-lethal pyrethroid concentration on morphology and development	291
1	P007	Mon. 16 Oct 2023	01. Morphology and Systematics	Angela	Roggero	The species of the carabid <i>Platynus Bonelli</i> , 1801 from the Italian W Alps (Coleoptera, Carabidae)	312
1	P008	Mon. 16 Oct 2023	01. Morphology and Systematics	Gunilla	Ståhls-Mäkelä	Taxo-Fly project - a EU funded Service Contract to generate Taxonomic Resources for European hoverflies	659
1	P009	Mon. 16 Oct 2024	01. Morphology and Systematics	Moon Bo	Choi	Identification of endoparasites and parasitoids in colonies of Asian giant hornet, <i>Vespa mandarinia</i> (Hymenoptera: Vespidae), using morphology and DNA barcodes in South Korea	149
1	P010	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Komla	Amegan	Do phylogenetic drivers involved in the diversity of tomato volatile profiles shape antixenosis resistance against <i>Tuta absoluta</i> ?	224
1	P011	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Arnaud	Ameline	How generalist generalist aphid species respond to alien plants ?	933
1	P012	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Evangelia	Balampekou	Survival of virgin and mated olive fruit flies of various ages under conditions of food deprivation	523
1	P013	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Svenja	Bänsch	Feeding behaviour of the cabbage stem flea beetle ( <i>Psylliodes chrysocephala</i> )	781
1	P014	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Francisco	Beitia	Influence of host plants on the development and colonization capacity of two vector insects (Hemiptera: Aphrophoridae) of <i>Xylella fastidiosa</i>	131



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1	P015	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Maria C.	Boukouvala	Impact of cross-mating on sexual interactions of two strains of <i>Trogoderma granarium</i> Everts (Coleoptera: Dermestidae)	811
1	P016	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Marie	Bourel	Effect of the plant community on the numerical and behavioral dominance of ant species in pineapple cropping systems in Reunion Island	379
1	P017	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Marie	Bourel	Effect of the plant community on the numerical and behavioral dominance of ant species in pineapple cropping systems in Reunion Island	415
1	P018	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Androniki	Christaki	Exploring West Nile virus ecology in Greece: interactions between hosts, vector, and the environment.	479
1	P019	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Kateřina	Czajová	Effect of plant secondary metabolites on the gut microbiota of caterpillars compared with their diet	316
1	P020	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Michaela	Drgová	Quantification of host preferences among bryophagous Lepidoptera in Central Europe	317
1	P021	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Roma	Durak	Different patterns of winter diapause of aphids	376
1	P022	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Nikoleta	Eleftheriadou	Emergence of males in the parthenogenetic reproduction of <i>Marchalina hellenica</i> (Hemiptera: Marchalinidae) and its mtDNA divergence in Greece	571
1	P023	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Maria	Fedorova	Learning and memory studied using setup suitable for diverse microinsect species	596
1	P024	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Beata	Gabryś	Effect of soy leaf flavonoids on pea aphid probing behavior	72
1	P025	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Alisa	Hamidovic	Impact of the symbiont <i>Serratia symbiotica</i> on <i>Aphis fabae</i> behavior	275
1	P026	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Fani	Hatjina	The INSIGNIA-EU project	585
1	P027	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Mahabaleshwar	Hegde	Annual population cycle of <i>Maruca vitrata</i> (Geyer)	477
1	P028	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Argyro	Kalaitzaki	The influence of olive fruit biometric parameters on <i>Bactrocera oleae</i> (Rossi) (Diptera: Tephritidae) oviposition preference among 62 olive cultivars in natural field settings	719
1	P029	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Roy	Kaspi	Behavior and development of the parasitoid wasp <i>Trichogrammatoidea cryptophlebiae</i> on the natural host <i>Thaumatotibia leucotreta</i> and the exotic host <i>Lobesia botrana</i>	722



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1	P030	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Aleksandra	Konjevic	Halyomorpha halys in Serbia: should I stay or should I go?	973
1	P031	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Slobodan	Krnjajic	The impact of soil microplastic on insect diversity and plastic decomposition by insects	825
1	P032	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Kyriaki	Mylona	Effects of different tomato cultivars on biological parameters of tomato borer Tuta absoluta	638
1	P033	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Aleksandra	Popović	Seasonal dynamics of the clearwing moth Synanthedon myopaeformis in an intensive apple orchards	14
1	P034	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Maria K.	Sakka	Is Guava (Psidium guajava) a host for Drosophila suzukii??	904
1	P035	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Ankica	Sarajlić	Population of American grapevine leafhopper (Scaphoideus titanus Ball, 1932) in different types of vineyards in Eastern Croatia	335
1	P036	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Anastasia	Terzidou	Presence of conspecific affects wing vibration behavior of male olive fruit flies	952
1	P037	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Maryse	Vanderplanck	Impact of ozone pollution on the learning and memory of bumblebees	75
1	P038	Mon. 16 Oct 2023	08.1. Urban and Forest Entomology - Insects in urban landscapes - pests, friends and allies	Jerome	Grant	Successes, limitations, and opportunities for biological control of invasive species in forests and urban areas in the Southern Appalachians, Tennessee, USA	286
1	P039	Mon. 16 Oct 2023	08.1. Urban and Forest Entomology - Insects in urban landscapes - pests, friends and allies	Marion	Javal	Identification of the introduction pathways of invasive ants of the Tapinoma nigerrimum group in the Metropolis of Montpellier.	45
1	P040	Mon. 16 Oct 2023	08.1. Urban and Forest Entomology - Insects in urban landscapes - pests, friends and allies	Kristina	Karlsson Green	Using knowledge of urban multitrophic interactions to implement urban plant protection in green space design	913
1	P041	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Paraskevi	Agrafioti	Non-chemical control of Lymantria dispar in three European countries	882
1	P042	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Asma	Bourougaaoui	Comparing Urban Heat island effects on the pine processionary moth development in two regions with contrasted climates in France	853
1	P043	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Luc	De Bruyn	The Life Oak Processionary Caterpillar project – Is biological control possible?	964



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1	P044	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Dongwoon	Lee	Species and density of pests occurring in container seedlings of <i>Dendropanax morbiferus</i> in a tree nursery in Korea	285
1	P045	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Tibor	Magura	Urbanization reduces gut bacterial microbiome diversity in a habitat specialist ground beetle	113
1	P046	Mon. 16 Oct 2023	08.3. Urban and Forest Entomology - Ecology and evolution of bark beetles	Linda	Lehmanski	How to find the right host - Primary attraction and host selection of the bark beetles <i>Ips typographus</i>	144
1	P047	Mon. 16 Oct 2023	08.3. Urban and Forest Entomology - Ecology and evolution of bark beetles	Sifat Munim	Tanin	Fungi associated with fir beetles ( <i>Pityokteines vorontzovi</i> and <i>P. curvidens</i> ), their behavioural attraction and putative functions	98
1	P048	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Jason	Charamis	ABCH2 transporter in the first line of defense protects malaria vectors from pyrethroids	660
1	P049	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Eric	Conti	Influence of a neonicotinoid on <i>Trissolcus japonicus</i> behavioral responses to cues from <i>Halyomorpha halys</i>	739
1	P050	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Vassilis	Douris	Investigating putative synergistic interactions in spider mite resistance to abamectin via engineered <i>Drosophila</i> strains	610
1	P051	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Alitha	Edison	Oviposition avoidance against systemically applied imidacloprid in the Colorado Potato Beetle	817
1	P052	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Ali	Fadel	The impact of cyanotoxin anatoxin-a on mosquito and dragonfly larvae: a serious ecological threat to aquatic ecosystems.	630
1	P053	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Vincent	Fernandes	Determination of the therapeutic potential of two volatile organic compounds as a treatment against fipronil poisoning in bees	238
1	P054	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Robert	Finn	Comparative biochemical characterisation and inhibitory profiling of cattle tick, human, bovine and mosquito Flavin Adenine Dinucleotide sub-domains.	965
1	P055	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Anastasia	Kampouraki	Insecticide resistance status and functional characterization of pyrethroid resistance in olive fruit fly <i>Bactrocera oleae</i>	669



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1	P056	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Juil	Kim	Tracking the diamide-resistance dynamics of Korean field populations of <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae), and reconsideration of its resistance diagnostic marker	244
1	P057	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Adi	Kliot	Utilising a field survey of acaricide resistance to create a genetic database for the discovery of genetic markers	812
1	P058	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Katerina	Kremi	Monitoring population dynamics and damage levels of olive oil fruit fly ( <i>Bactrocera oleae</i> ) in relation to the implementation of the bait sprays program in two regions of Heraklion, Crete	928
1	P059	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Dongwoon	Lee	Evaluation of insecticide resistance in Western flower thrip, <i>Frankliniella occidentalis</i> on pepper in Korea	284
1	P060	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Kyriaki	Mylona	Detection of extensive multiple insecticide resistance and likelihood of control failure in populations of tomato borer <i>Tuta absoluta</i> from Greece	888
1	P061	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Kyriaki	Mylona	Evaluation of the effect of conventional and biological insecticides against the tomato borer, <i>Tuta absoluta</i> with a novel bioassay method	889
1	P062	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Aditi	Rawal	Impact of toxic substance exposure on life history and reproduction of Black Scavenger flies (Diptera: Sepsidae)	406
1	P063	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Guillaume	Serra	Resistance to pyrethroids of the predatory mite <i>Amblyseius andersoni</i> (Acari: Phytoseiidae)	809
1	P064	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Konstantinos	Simoglou	Pesticide use and operator safety perceptions of the Greek public	934
1	P065	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Konstantinos	Simoglou	Predicting Greek public opinion on the use of pesticides and consumers' safety	935
1	P066	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Marianna	Stavrakaki	Evaluation of the larvicidal activity of insecticides on Olive Fruit Fly <i>Bactrocera oleae</i> (Diptera: Tephritidae)	962
1	P067	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Marianna	Stavrakaki	Monitoring the efficacy of baited insecticide applications for the olive fruit fly <i>Bactrocera oleae</i> : a 5-year survey	943
1	P068	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Aysegul	Taylan Ozkan	Pediculicide sales during the period 2015-2022 in Turkey	482
1	P069	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Muhammad	Ahmed	Life table analysis and development of <i>Delphastus pallidus</i> LeConte (Insecta: Coleoptera: Coccinellidae), under different constant temperatures	849



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1	P070	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Georgios	Broufas	Typhlodromus recki as a potential biological control agent of key tomato pests	797
1	P071	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Georgios	Broufas	Amblyseius andersoni as a biological control agent of the tomato russet mite Aculops lycopersici	801
1	P072	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Yongseok	Choi	Effects of temperature and relative humidity on development and reproduction in Feltiella acarisuga (Vallot) (Diptera: Cecidomyiidae)	139
1	P073	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Sofia	Dervisoglou	Searching and foraging behaviour of the predators Macrolophus pygmaeus (Hemiptera: Miridae) and Nesidiocoris tenuis (Hemiptera: Miridae) on Tuta absoluta (Lepidoptera: Gelechiidae) eggs	705
1	P074	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Elisabete	Figueiredo	Assessment of predation behaviour of Dicyphus cerastii (Hemiptera: Miridae)	765
1	P075	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Dionysios	Perdikis	Exploring the searching ability of Macrolophus pygmaeus and Nesidiocoris tenuis (Hemiptera: Miridae) on different Tuta absoluta (Lepidoptera: Gelechiidae) egg densities and oviposition patterns	868
1	P076	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Jesica	Perez-Rodriguez	Different densities, different predator. Evaluation of four aphidophagous predators in sweet pepper crops.	661
1	P077	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Amador	Rodríguez Gómez	Characterization of an orange-nymph mutant in Orius laevigatus (Hemiptera: Anthocoridae)	140
1	P078	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	António Onofre	Soares	Prey preference and intraguild interactions between Trichogramma achaeae (Hymenoptera: Trichogrammatidae) and Macrolophus pygmaeus (Hemiptera: Miridae) toward Tuta absoluta (Lepidoptera: Gelechiidae) biological control	944
1	P079	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Tiziano	Valentini	Screening for predators of Aphis nerii and Myzus persicae on Mandevilla.	680
1	P080	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Eleni	Koutsogeorgiou	Evaluation of the parasitoid Ooencyrtus mirus (Hymenoptera: Encyrtidae) as a biological control agent for Halyomorpha halys (Hemiptera: Pentatomidae): oviposition preference and development time on fresh and frozen eggs of different age	548





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1	P081	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Ivana	Carofano	The effects of antimicrobials treatments on egg-infested olives targeting the primary endosymbiont of the olive fly	418
1	P082	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Xing Ping	Hu	Interspecific competition between egg parasitoids of <i>Megacopta cribraria</i> (Hemiptera: Plataspidae): seasonal egg parasitism rates and host limitation	471
1	P083	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Argyro	Kalaitzaki	<i>Psytalia lounsburyi</i> (Silvestri) and <i>Psytalia ponerophaga</i> (Silvestri) (Hymenoptera: Braconidae) as potential biological control agents of <i>Bactrocera oleae</i> (Rossi) (Diptera: Tephritidae) in Greece	735
1	P084	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Robert	Shatters	Using antimicrobial peptides as bifunctional molecules to control the bacterium (' <i>Candidatus Liberibacter asiaticus</i> ') causing citrus greening disease and its vector the Asian citrus psyllid ( <i>Diaphorina citri</i> )	954
1	P085	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Francesco	Tortorici	Egg parasitism of stink bugs (Hemiptera Pentatomidae) by Scelionidae and other parasitoid wasps (Hymenoptera) in Greece	886
1	P086	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Francesco	Tortorici	Synopsis on the complex of egg parasitoids of Heteroptera (Hemiptera) in two areas in Europe	887
2	P087	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Cristina	Crava	Uncovering the Olfactory System of the Beet Armyworm ( <i>Spodoptera exigua</i> ): Insights for Ecology and Control Strategies	490
2	P088	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Fernando	Guerrieri	Effects of two herbicides and a medical drug, alone or in mixtures, on learning in <i>Aedes aegypti</i> larvae	314
2	P089	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Keren	Levy	Artificial light at night impairs stridulation behaviour in crickets	57
2	P090	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Anita	Nencioni	Gross antennal morphology of <i>Philaenus spumarius</i> juveniles and behavioural response to olfactory plant cues	729
2	P091	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Martina	Zvarikova	High sexual activity of hungry females in a gift-giving spider: congruence or sexual exploitation by males?	607
2	P092	Tue. 17 Oct 2023	04.2 Ecology and Behavior - Evolutionary ecology and behavior	Felix	Glinka	Effects of different foraging strategies in different climate conditions on the reproductive success in the desert harvester ant <i>Pogonomyrmex barbatus</i>	373
2	P093	Tue. 17 Oct 2023	04.2 Ecology and Behavior - Evolutionary ecology and behavior	Zuzana	Ježová	Sex in the dark: male investment in nuptial gift production is affected by the visual environment	605



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2	P094	Tue. 17 Oct 2023	04.2 Ecology and Behavior - Evolutionary ecology and behavior	Yvonne	Kortsmit	Dietary influences on reproductive behaviour of the black soldier fly	559
2	P095	Tue. 17 Oct 2023	04.2 Ecology and Behavior - Evolutionary ecology and behavior	Yael	Lubin	The mystery of disappearing widow spiders in the Negev desert	326
2	P096	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Avishek	Dolai	Characterization of ant and lepidopteran silk nanofibers: a case study from their parasitic association	561
2	P097	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Ohseok	Kwon	The role of field-collected cues in the host recognition of twig girdlers ( <i>Oncideres rhodosticta</i> ) on honey mesquite ( <i>Prosopis glandulosa</i> )	287
2	P098	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Maria Rosa	Paiva	An integrated approach for the control of <i>Coroebus undatus</i> (Coleoptera, Buprestidae)	441
2	P099	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Yoann	Pellen	Exploiting the evolution of odorant discrimination in ants to decipher the olfactory code	371
2	P100	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Marion	Risse	Effects of the menstrual cycle on human skin odors and mosquito attraction	764
2	P101	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Maia	Tsikolia	Searching new tools to improve <i>Phlebotomus papatasi</i> control strategies	643
2	P102	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Ilka	Vosteen	The smell of drought: Water limitation alters plant volatile emission and parasitoid attraction to herbivore-infested plants	177
2	P103	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Roberto	Beltrán-martí	Do spray nozzles of foliar application affect the performance of <i>Beauveria bassiana</i> ?	497
2	P104	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Pablo	García Castillo	Exploring the transmission of viral infections in the agricultural pest <i>Ceratitis capitata</i>	762
2	P105	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Juan	García	Impact of root inoculation with entomopathogenic fungi on tomato plant growth and resistance against <i>Tuta absoluta</i>	871
2	P106	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Matt	Green	The complexities of urban field trials in the infection of sewer cockroach populations with an entomopathogenic fungus.	747
2	P107	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Thomais	Kakouli-Duarte	Application of molecular communications for the development of an entomopathogenic nematode-plant growth promoting bacterial bioagent for plant health	328





**ECE 2023**  
**CRETE**  
European Congress of Entomology

XII European Congress  
of Entomology  
16–20.10.2023  
Cultural Conference Center  
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2	P108	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Kwang-zin	Lee	Towards a holistic and sustainable control strategy against the invasive pest <i>Drosophila suzukii</i>	436
2	P109	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	François	Lefort	Assaying semiochemicals and entomopathogenic fungi for an auto-dissemination biocontrol strategy of <i>Frankliniella occidentalis</i>	330
2	P110	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Untaek	Lim	Combination of botanical insecticide and entomopathogenic fungus as a better control agent against <i>Riptortus pedestris</i> (Hemiptera: Alydidae)	342
2	P111	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Vasileios	Papantzikos	Biological control of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) on kiwi trees <i>Actinidia deliciosa</i> var. Hayward using a formulation with <i>Beauveria bassiana</i> (Hypocreales: Cordycipitaceae)	526
2	P112	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Enrique	Quesada Moraga	Mycovirus-related differential response of a <i>Beauveria bassiana</i> strain to abiotic and biotic stresses	242
2	P113	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Meelad	Yousef Yousef	Unraveling the cause of aphid mortality in melon plants endophytically colonized by entomopathogenic fungi	494
2	P114	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Catarina	Afonso	Clues from cues: inferring <i>Anagonia lasiophthalma</i> safety from a simple experimental design	874
2	P115	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Konstantina	Alipranti	Evaluation of induced effects of two novel photoreactive substances against the whitefly <i>Bemisia tabaci</i>	869
2	P116	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Orlando	Campolo	<i>Allium sativum</i> essential oil-based insecticides: target and non-target toxicity.	734
2	P117	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Elena	Costi	Intra and interspecific competition between <i>Trissolcus mitsukurii</i> and <i>Trissolcus japonicus</i> , parasitoids of the brown marmorated stink bug	555
2	P118	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Joel	Couceiro	Bioprospecting the environmental microbiome of Crete towards the development of novel biopesticides	945
2	P119	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Sara	D'arco	A comparison of commercialized and wild populations of housefly parasitoids using molecular and behavioural approaches	276
2	P120	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Federica	De Stefano	Antimicrobial properties of the chitosan from different developmental stages of the bioconverter insect <i>Hermetia illucens</i>	270



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2	P121	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Hélène	Delatte	Soil treatment with Botanigard®WP22 (Beauveria bassiana GHA): ON and OFF-season biocontrol tool of Ceratitis capitata	946
2	P122	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Tanja	Drobnjaković	Toxicity of eight essential oils to Trialeurodes vaporariorum	912
2	P123	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Md.. Mahbub	Hasan	Effective irradiation and dormancy based mass rearing protocol for propagation of biological control of insect pests	71
2	P124	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Woojin	Jung	Application as culture substrate for chitinase-producing microorganisms using chitin shells obtained from Korean cicada (Cryptotympana atrata) sheaths	112
2	P125	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Božena	Kordan	Modification of aphid probing behavior by plant flavonoids quercetin and rutin	40
2	P126	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	François	Lefort	Attracting performance of the pheromone neryl (S)-2-methylbutanoate and kairomones towards the western flower thrips (Frankliniella occidentalis).	327
2	P127	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Antonio	Masetti	Effects of natural insecticides on the green peach aphid Myzus persicae (Sulzer) and its natural enemies Propylea quatuordecimpunctata (L.) and Aphidius colemani Viereck	713
2	P128	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Rosanna	Salvia	Identification and Functional Characterization of Toxoneuron nigriceps Ovarian Proteins Involved in the Early Suppression of Host Immune Response	262
2	P129	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Pierre	Silvie	The long and challenging road to capitalize on plant-based extracts used to control crop pests in Senegal	723
2	P130	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Karolina	Walkowiak-Nowicka	Volatile organic compounds – their repellent activity and effects on survival and reproduction of Tenebrio molitor pest	41
2	P131	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Antonella	Bacigalupo	Long read assembly of the insect model species Rhodnius prolixus (Hemiptera: Reduviidae), a Chagas disease vector	370
2	P132	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Maria	Bouga	Study of Auchenorrhynchan species composition in vineyards in Greece and phylogenetic relationships of the dominant species of the genus Empoasca.	586
2	P133	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Gregor	Bucher	Molecular mapping of the neuroectoderm across phyla – conservation and divergence of brain regions between insects and vertebrates	963



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2	P134	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	José Antonio	Carbonell	Exploring thermal biology to understand the altitudinal segregation of diving beetle assemblages	551
2	P135	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Valéria Sofia	Carvalho Marques	Allopatric and ecological diversification in <i>Cyaniris semiargus</i> (Lepidoptera, Lycaenidae)	549
2	P136	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Jason	Charamis	Comparative transcriptomics provides insights into insecticide resistance-related genes in phlebotomine <i>Leishmania</i> vectors	543
2	P137	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Nikoleta	Eleftheriadou	The identity of <i>Neoleucopis</i> spp. (Diptera: Chamaemyiidae) in Greece and their impact on <i>Marchalina hellenica</i> (Hemiptera: Marchalinidae)	570
2	P138	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Núria	Farrús	piRNAs as a new level of regulation of insect oogenesis	553
2	P139	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	René	Feyereisen	Phylogenetic analysis of the cytochrome P450 genes of Lepidoptera	517
2	P140	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Conrad	Gillett	Macroevolution and shifts in the feeding biology of the New World scarab beetle tribe Phanaeini (Coleoptera: Scarabaeidae: Scarabaeinae)	778
2	P141	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Burcu	İnal	Assessment of Mediterranean fruit fly population genetics for effective sterile insect technique (SIT) application in Türkiye	366
2	P142	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Alejandro	Lozada Chavez	Genomics of domestication in the arboviral vector <i>Aedes aegypti</i>	907
2	P143	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Tapani	Neuvonen	Metagenomics for ecological inference: Unravelling the unknown biology of smoke-flies (Diptera: Platypezidae: Microsaniinae)	558
2	P144	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	João	Pimenta	Pollinator genomics as a tool to develop intraspecific biomonitoring applications	774
2	P145	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Maria-Dolors	Piulachs	Methoprene tolerant (Met) is required for the correct formation of the basal ovarian follicle in cockroach panoistic ovaries.	439
2	P146	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Maria-Dolors	Piulachs	piRNA and hormones in the panoistic ovary of the cockroach <i>Blattella germanica</i> .	438
2	P147	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Evgenia	Propistsova	Embryonic development of the spider <i>Tegenaria pagana</i> C. L. Koch, 1840 (Araneae: Agelenidae)	534
2	P148	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	René FH	Sforza	Origin of the European Grapevine Moth in California	505



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2	P149	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Esther	Yakir	De-toxification by phosphorylation: the function of the Ecdysone-Kinase like (EcKL) gene family in the whitefly Bemisia tabaci	348
2	P150	Tue. 17 Oct 2023	05. Multitrophic Interactions	Martin	Aguirrebengoa	Mycorrhizal symbiosis increases natural enemy attraction upon herbivory: a case study with Tuta absoluta / Nesidiocoris tenuis in tomato	865
2	P151	Tue. 17 Oct 2023	05. Multitrophic Interactions	Eirini	Anastasaki	Revealing the chemical ecology of Curculio elephas (Coleoptera: Curculionidae) through its electrophysiological responses to chestnut plant volatiles	489
2	P152	Tue. 17 Oct 2023	05. Multitrophic Interactions	Stefanos	Andreadis	Interaction of olive fruit fly and Colletotrichum species infestation on olive fruits	977
2	P153	Tue. 17 Oct 2023	05. Multitrophic Interactions	Samuel	Asamoah	Rhopalosiphum padi (The Bird cherry-oat aphid) is attracted to Fusarium graminearum causing Fusarium head blight, leading to increased pathogen fitness on their shared wheat host.	394
2	P154	Tue. 17 Oct 2023	05. Multitrophic Interactions	Georgios	Broufas	Plant-mediated effects of native mycorrhizal fungi against key pests of tomato	793
2	P155	Tue. 17 Oct 2023	05. Multitrophic Interactions	Alessia	Farina	A step to deeper understand the combined impact of Bemisia tabaci (Hemiptera: Aleyrodidae) and Macrolophus pygmaeus (Hemiptera: Miridae) on host plant traits	640
2	P156	Tue. 17 Oct 2023	05. Multitrophic Interactions	Ada	Frattini	Influence of genetic variability of tomato on the effect of mycorrhiza-induced resistance on Spodoptera exigua and its susceptibility to entomopathogens	721
2	P157	Tue. 17 Oct 2023	05. Multitrophic Interactions	Salvatore	Guarino	Citrus Tristeza Virus tolerant rootstocks trigger dissimilar volatile profiles in Citrus sinensis and deterrent responses against the vector Aphis gossypii	127
2	P158	Tue. 17 Oct 2023	05. Multitrophic Interactions	Emilio	Guerrieri	The predator Nesidiocoris tenuis triggers the response of an egg parasitoid to tomato plants infested by Tuta absoluta	649
2	P159	Tue. 17 Oct 2023	05. Multitrophic Interactions	Anabella	Heintz	Beet yellows virus infection of sugar beet promotes performance of its aphid vector Myzus persicae	233



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2	P160	Tue. 17 Oct 2023	05. Multitrophic Interactions	Burcu	İnal	Diversity of predators, parasitoids, hyperparasitoids and endosymbiotic bacteria of the black cherry aphid, <i>Myzus cerasi</i> (Fabricius) (Hemiptera: Aphididae) in Türkiye	507
2	P161	Tue. 17 Oct 2023	05. Multitrophic Interactions	Britta	Kais	Influence of SBR on phloem sap composition of sugar beet and the behavior of its vector <i>Pentastiridius leporinus</i>	125
2	P162	Tue. 17 Oct 2023	05. Multitrophic Interactions	Souheyla	Khechmar	Co-infection with other sugar beet viruses modifies the localization and transmission by aphids of beet yellows virus (BYV)	355
2	P163	Tue. 17 Oct 2023	05. Multitrophic Interactions	Wei Hua	Li	Interactions between two host-specific begomoviruses in a common vector and its effect on vector transmission	257
2	P164	Tue. 17 Oct 2023	05. Multitrophic Interactions	Anne-Violette	Lavoir	Does fertilization plant-mediated bottom-up effect reach the third trophic level in the tomato-pest-NE tritrophic system?	240
2	P165	Tue. 17 Oct 2023	05. Multitrophic Interactions	Cindy	McKenzie	Effect of <i>Agrobacterium tumefaciens</i> on papaya whitefly, <i>Trialeurodes variabilis</i> (Quaintance), populations infesting <i>Carica papaya</i>	820
2	P166	Tue. 17 Oct 2023	05. Multitrophic Interactions	Maria	Pappas	Plant-mediated effects of beneficial soil fungi against key pests of pepper	726
2	P167	Tue. 17 Oct 2023	05. Multitrophic Interactions	Luis	Perera Fernández	Intraguild predation among the main predator species in Mediterranean pear orchards	345
2	P168	Tue. 17 Oct 2023	05. Multitrophic Interactions	Shumaila	Rasool	Plant-mediated interactions between fungi and herbivores	807
2	P169	Tue. 17 Oct 2023	05. Multitrophic Interactions	Michele	Ricupero	Multitrophic interactions in tomato and wheat under drought stress	894
2	P170	Tue. 17 Oct 2023	05. Multitrophic Interactions	Rajagopalbabu	Srinivasan	Interactions between two phloem-limited viruses in their host plant and vector: Implications for vector fitness and virus epidemics	197
2	P171	Tue. 17 Oct 2023	05. Multitrophic Interactions	Savvina	Toufexi	Oviposition responses of <i>Tuta absoluta</i> females to herbivore-induced volatiles after <i>Halyomorpha halys</i> infestation in tomato plants	634



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2	P172	Tue. 17 Oct 2023	05. Multitrophic Interactions	Francis	Wamonje	Aphid settling and feeding behaviour on virus-infected Common bean ( <i>Phaseolus vulgaris</i> ) promotes transmission of three viruses.	378
2	P173	Tue. 17 Oct 2023	05. Multitrophic Interactions	Zoya	Yefremova	The love triangle: a new alien bean weevil (Coleoptera, Chrysomelidae) attacking local legumes (Fabaceae) and attacked by local parasitoids (Hymenoptera, Eulophidae) in Israel	457
2	P174	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Eirini	Anastasaki	Non-destructive methods for detection of fruit flies' infestation in fruits	488
2	P175	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Marc	De Meyer	<i>Bactrocera dorsalis</i> (Diptera: Tephritidae) in the Indian Ocean: a tale of two invasions	656
2	P176	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Edouard	Duquesne	Socio-economic impact and climate change effect on the distribution of twelve invasive termites in the Asia-Pacific region	159
2	P177	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Manuela	Giovanetti	Monitoring and control of predatory hornets in Italy	748
2	P178	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Panagiota	Koskinioti	Effect of thermal acclimation on the metabolome of the Mediterranean fruit fly	613
2	P179	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Katerina	Kremi	First report of pepper fruit fly ( <i>Atherigona orientalis</i> ) in Greece on commercial pepper crops	927
2	P180	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Raphaelle	Mouttet	Insect pest invasions in mainland France since 2000	176
2	P181	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Vicente-Santiago	Marco-Mancebón	Ecological niche modelling in predicting response to climate change: the case of <i>Eupoecilia ambiguella</i> (Lepidoptera: Tortricidae) in Europe	652
2	P182	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Şükran	Oğuzoğlu	New localities in Türkiye and new hosts in the world of invasive alien species: <i>Corythucha arcuata</i> (Say, 1832) (Hemiptera: Tingidae)	7
2	P183	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Georgia	Papadogiorgou	Supercooling capacity and acute cold stress of <i>Ceratitis capitata</i> (Diptera: Tephritidae) populations across the Northern Hemisphere	346
2	P184	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Leonardo	Marianelli	<i>Popillia japonica</i> Italian outbreak management using natural strains of Biological Control Agents (BCAs)	442
2	P185	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Francesco	Nardi	World-wide invasion of <i>Popillia japonica</i> reconstructed based on complete mitochondrial genomes and nuclear snp markers.	124





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2	P186	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Francesco	Paoli	Long-Lasting Insecticide-treated Nets: a new strategy to control the Japanese beetle <i>Popillia japonica</i> (Coleoptera: Scarabaeidae)	134
2	P187	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Franziska B.	Straubinger	Damage cost implications of the Japanese beetle ( <i>Popillia japonica</i> ) in Europe: a synthetic control group approach	593
2	P188	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Franziska B.	Straubinger	Producer willingness to pay for biological pest control under <i>popillia japonica</i> infestation across Europe	473
3	P189	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Marianne	Alleyne	Understanding insect surface functionality to guide the design of engineered material surfaces with super-hydrophobic and bactericidal activity	455
3	P190	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Astrid	Amstrup	The heat shock response in <i>Polistes</i> spp. from differing climates following heat stress	417
3	P191	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Adam	Bajgar	Yeast glucan particles for macrophage-specific regulation of cellular metabolism in <i>Drosophila</i>	972
3	P192	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Ignacio	Barroso	Gene composition and expression regarding fatty acid absorption in three Hemiptera species with disparate fat content in their diet	893
3	P193	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Piotr	Bebas	Ontogeny of the oscillator controlling the sperm release rhythm from the testes in the yellow mealworm beetle - <i>T. molitor</i> (Coleoptera: Tenebrionidae)	616
3	P194	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Chanpen	Chanchao	Effect of <i>Geniotrigona thoracica</i> propolis on the growth inhibition of <i>Malassezia globosa</i>	247
3	P195	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Antoine	Gekière	Fat body content: Indicator of what?	234
3	P196	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Natalia	Konopińska	Allatotropin affects immune system activity of mealworm beetle <i>Tenebrio molitor</i> L.	46
3	P197	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Helmut	Kovac	Critical thermal maxima (CT <sub>max</sub> ) of larvae and adults of three European paper wasp species from differing climatic areas ( <i>Polistes dominula</i> CHRIST 1791, <i>P. gallicus</i> LINNÉ 1767, <i>P. biglumis</i> LINNÉ 1758)	383
3	P198	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Helmut	Kovac	The respiratory metabolism of paper wasps' larvae and pupae from differing climates ( <i>Polistes dominula</i> , <i>Polistes gallicus</i> )	142



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3	P199	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Gabriela	Krejčová	Macrophage-induced insulin resistance is an adaptive strategy for lipoprotein mobilization upon bacterial infection	971
3	P200	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Claudio	Lazzari	Seal lice survive in the sea breathing underwater	786
3	P201	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Jan	Lubawy	The role of insect neuropeptides in response to temperature stress in mealworm beetle, <i>Tenebrio molitor</i> L.	39
3	P202	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Houda Ouns	Maaroufi	Ovarian transcriptomes of epoxidase null mutants reveal candidate genes related to JH signaling and reproduction fitness in <i>Aedes aegypti</i> .	53
3	P203	Wed. 18 Oct 2023	03. Physiology and Biochemistry	KV	Nagarjuna Reddy	Transcriptome analysis reveals Gene expression changes in <i>Maconellicoccus hirsutus</i> in response to sublethal doses of Buprofezin.	451
3	P204	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Tsugumichi	Shinohara	Possible involvement of SIFamide receptor and allatotropin in the regulation of juvenile hormone biosynthesis during metamorphosis in a cricket	711
3	P205	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Jeong-Hun	Song	Genetic diversity and developmental characteristics of the two-spotted cricket <i>Gryllus bimaculatus</i> De Geer (Orthoptera: Gryllidae) in South Korea	106
3	P206	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Michał	Sulek	Selected humoral aspects of <i>Galleria mellonella</i> immune reaction upon secondary infection with <i>Pseudomonas entomophila</i> . Preliminary tests of antibacterial properties of newly identified Kazal peptide Pr13a	168
3	P207	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Rafaela	Tadei	Can the solitary bee <i>Centris analis</i> recover from the effects of exposure to the fungicide azoxystrobin?	282
3	P208	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Magdalena	Winkiel	Whether and how plant secondary metabolites affect metabolism of the storage pest <i>Tenebrio molitor</i> ?	31
3	P209	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Evgenia	Stamati	Revealing the binding specificity and interaction mode of Bio-inspired Compounds with Odorant Binding Protein 1 of the mosquito <i>Anopheles gambiae</i>	281
3	P210	Wed. 18 Oct 2023	09.1. Medical and Veterinary Entomology - Paradigms of "One Health" approach in combating vector borne diseases (VBDs)	Antonella	Bacigalupo	Body condition, diet, and protozoan infection in the insect vector <i>Mepraia spinolai</i> captured during contrasting environmental conditions	171



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3	P211	Wed. 18 Oct 2023	09.1. Medical and Veterinary Entomology - Paradigms of "One Health" approach in combating vector borne diseases (VBDs)	Francesco	Defilippo	Two consecutive years studies on sand fly species distribution in Lombardy region (Northern Italy)	67
3	P212	Wed. 18 Oct 2023	09.1. Medical and Veterinary Entomology - Paradigms of "One Health" approach in combating vector borne diseases (VBDs)	Carmen	Scieuzo	Characterization of chitin and chitosan derived from the diptera <i>Hermetia illucens</i> for application in cosmetic and pharmaceutical fields	265
3	P213	Wed. 18 Oct 2023	09.1. Medical and Veterinary Entomology - Paradigms of "One Health" approach in combating vector borne diseases (VBDs)	Shin-Hong	Shiao	Uncovering Dengue Virus Host Factors: Paving the Way for Innovative Antiviral Strategies	628
3	P214	Wed. 18 Oct 2023	06.1 Insect Biotechnology - Improved methods for RNAi-mediated pest control	Luciana	Galetto	Plant-mediated delivery of dsRNAs to phloem-feeder leafhoppers	92
3	P215	Wed. 18 Oct 2023	06.1 Insect Biotechnology - Improved methods for RNAi-mediated pest control	Leonie	Graser	Investigating the RNAi target gene function of PSMB5 for managing Colorado Potato Beetle ( <i>Leptinotarsa decemlineata</i> )	469
3	P216	Wed. 18 Oct 2023	06.1 Insect Biotechnology - Improved methods for RNAi-mediated pest control	Aisha	Naseer	3-Carene metabolism: a potential target for RNAi-based <i>Ips typographus</i> pest management	424
3	P217	Wed. 18 Oct 2023	06.1 Insect Biotechnology - Improved methods for RNAi-mediated pest control	Solafa	Zahran	Identification of novel targets to control red palm weevil <i>Rhynchophorus ferrugineus</i>	470
3	P218	Wed. 18 Oct 2023	06.2 Genome editing of insect pests and vectors of disease to understand physiological processes and resistance mechanisms	Amalia	Anthousi	Investigating the molecular determinants of Bt-toxicity in <i>Spodoptera frugiperda</i> through in vivo functional genetics	885
3	P219	Wed. 18 Oct 2023	06.2 Genome editing of insect pests and vectors of disease to understand physiological processes and resistance mechanisms	Georgia	Gouvi	Precision guided Sterile Insect Technique in Mexican fly	369
3	P220	Wed. 18 Oct 2023	06.3 Insect Biotechnology - Discovery and engineering of viruses and micro-organisms for improved pest control.	Éricmar	Avila Dos Santos	The construction of an infectious clone based on a covert-infecting RNA virus in <i>Euschistus heros</i> (Hemiptera: Pentatomidae) for VIGS	427
3	P221	Wed. 18 Oct 2023	06.3 Insect Biotechnology - Discovery and engineering of viruses and micro-organisms for improved pest control.	Yvonne	Linscheid	Pathogenicity of La Jolla Virus in <i>Drosophila suzukii</i> following Oral Administration	509
3	P222	Wed. 18 Oct 2023	06.3 Insect Biotechnology - Discovery and engineering of viruses and micro-organisms for improved pest control.	Luc	Swevers	Development of a screening system for the identification of antiviral compounds that target the IRES of insect-specific dicistroviruses	122



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3	P223	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Antonios	Avgoustinos	Desiccation tolerance in <i>Ceratitis capitata</i> eggs and the effect of <i>Wolbachia</i> on stress response	915
3	P224	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Dalida	Darazy	Understanding the antagonist effects of <i>Actinomyces</i> in Honeybee <i>Apis mellifera</i> against the American Foulbrood <i>Paenibacillus larvae</i> and European Foulbrood <i>Melissococcus plutonius</i> through biochemical analysis	827
3	P225	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Elena	Gonella	The impact of symbiosis disruption in pentatomid stink bugs affects pest control	947
3	P226	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Samuel	Gornard	Revealing insect resistance mechanisms in a host-parasitoid interaction	90
3	P227	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Jerome	Grant	Endophytic and entomopathogenic presence of <i>Beauveria bassiana</i> in kudzu bug, <i>Megacopta cribraria</i> , and kudzu, <i>Pueraria montana</i> , in the southeastern United States	339
3	P228	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Ola	Jassar	Interactions of <i>Liberibacter solanacearum</i> with carrot psyllid Endoplasmic reticulum (ER) and its association with apoptosis	621
3	P229	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Laurence	Mouton	Influence of secondary symbionts on host plant utilization and choice in the whitefly <i>Bemisia tabaci</i>	135
3	P230	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Itai	Opatovsky	<i>Candida</i> , do you serve as insect's probiotic or dietary supplement?	65
3	P231	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Patricia	Sanches	Effects of a plant virus and endosymbionts on aphid resistance to parasitoids	754
3	P232	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Maaïke	Vogel	Effects of diet on the expression of immune genes in the house fly ( <i>Musca domestica</i> )	433
3	P233	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Ibrahim	Abdelhafiz	Evaluating the use of X-ray and temperature for the sterilizing of <i>Drosophila suzukii</i> for a Sterile Insect Technique program	510
3	P234	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Marie-Anne	Auger-Rozenberg	Rapid expansion and impact of a new invasive insect in Douglas-fir stands in France and Wallonia (Belgium): the Douglas-fir needle midge ( <i>Contarinia pseudotsugae</i> )	670
3	P235	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Christine	Becker	ResBerry: Resilient organic berry cropping systems through enhanced biodiversity and innovative management strategies	525



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3	P236	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Carlos	Bernardes	Biopesticide efficacy trials against the southern green stink bug <i>Nezara viridula</i> .	671
3	P237	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Vasileia	Chatzaki	Protecting and enhancing ecosystem services and plant defenses in tomato crop	434
3	P238	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Eric	Conti	Effects of climatic variables on olive infestation by <i>Bactrocera oleae</i>	749
3	P239	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Maria Elisa	D. A. Leandro	Investigating the role of wheat variety on the bird cherry-oat aphid performance to improve BYDV management in cereals.	666
3	P240	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Sofia	Dervisoglou	Evaluation of hydrosol toxic effects on <i>Tuta absoluta</i> , <i>Aphis gossypii</i> and <i>Tetranychus urticae</i> and their predator <i>Macrolophus pygmaeus</i>	712
3	P241	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Lauren	Diepenbrock	Exclusion netting – a non-insecticidal tool to manage huanglongbing for replanted citrus orchards?	604
3	P242	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Hannalene	du Plessis	Landscape level pest management strategies in tomato and potato production systems influence insect resistance evolution by <i>Phthorimaea</i> spp.	875
3	P243	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Aristidis	Economopoulos	Insect artificial rearing may select for negative to SIT adult behavior. The case of olive fly	653
3	P244	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Ahmad	Elbitar	COMPARATIVE EFFECT OF SIX KIND OF TRAPS ON <i>Bactrocera oleae</i> AND THE BENEFICIAL INSETCS	464
3	P245	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Georgescu	Emil	Diamondback moth ( <i>Plutella xylostella</i> ) - a significant pest of oilseed rape in the southeast area of Romania	413
3	P246	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Gerasimos	Giannatos	Mass rearing the Mediterranean fruit fly in Greece: Innovations in larval diet formulations and economic aspects	909
3	P247	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Miroljub	Golubovski	Two-year monitoring of economically important pests from Fam. Gelechiidae and Tortricidae (Lepidoptera) on stone fruit in North Macedonia	693
3	P248	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Rebecca	Hallett	Assessing the ecological interactions between invasive and endemic species of gall midge pests of canola	136
3	P249	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Eunhye	Ham	Biological control effect of “Natural Enemy in First” method in hot pepper	736



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3	P250	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Estrella Marina	Hernandez Suarez	Evaluation of the predatory mite <i>Blattisocius tarsalis</i> (Mesostigmata: Blattisociidae) and the egg parasitoid <i>Trichogramma euproctidis</i> (Calcidoidea:Trichogrammatidae) for the control of <i>Tecia solanivora</i> (Lepidoptera:Gelechiidae) under semi storage conditions.	587
3	P251	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Nika	Jachowicz	Conservation biological control potential in sugar beet fields in Denmark	105
3	P252	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Stine	Jacobsen	Strip cropping: Improving biodiversity and crop resilience in organic farming	589
3	P253	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Riina	Kaasik	Sentinel prey in oilseed rape fields in Estonia indicate high predation rate regardless of the field bordering semi-natural habitat type	830
3	P254	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Apostolos	Kapranas	Attract-and-kill method for <i>Drosophila suzukii</i> control in grapes and cherries in Greece	250
3	P255	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Linda	Kfoury	DISTRIBUTION OF THE OLIVE FRUIT FLY OFF, <i>Bactrocera oleae</i>	465
3	P256	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Chiara Elvira	Mainardi	Sterile Insect Technique to control pentatomid pest species: irradiation screening on <i>Halyomorpha halys</i> and <i>Bagrada hilaris</i>	707
3	P257	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Chiara Elvira	Mainardi	Sterile insect technique to control pentatomid pest species: irradiation screening on <i>Halyomorpha halys</i> and <i>Bagrada hilaris</i>	898
3	P258	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Vicente-Santiago	Marco-Mancebón	Side-effects of two strobilurin fungicides on <i>Orius laevigatus</i> (Hemiptera: Anthocoridae), predator of the western flower thrips <i>Frankliniella occidentalis</i> (Thysanoptera: Thripidae)	650
3	P259	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Vicente-Santiago	Marco-Mancebón	Side-effects of three fungicides on <i>Anthocoris nemoralis</i> (Hemiptera: Anthocoridae), predator of <i>Cacopsylla pyri</i> (Hemiptera: Psyllidae)	648
3	P260	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Antonio	Masetti	Susceptibility of egg masses, nymphs and adults of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) to three chitin synthesis inhibitors	468





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3	P261	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Louise	Mcnamara	Understanding and Managing Barley Yellow Dwarf Virus.	15
3	P262	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Marie	Perrin	Influence of temperature on the toxicity of six chemical substances on a beneficial parasitoid.	116
3	P263	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Hamidi	Rachid	Assessing the impact of European hazelnut weevils and green shield bugs on hazelnut yield: insights for integrated pest management strategies	412
3	P264	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Alain	Roques	Looking for the best trapping design for early detection of xylophagous invaders	194
3	P265	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Juan Antonio	Sanchez	Crop diversity and floral resources influence the abundance of pest and natural enemies in pear orchards	606
3	P266	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Márcia	Santos	Updated distribution and main host plants of <i>Eotetranychus lewisi</i> (McGregor, 1943) in mainland Portugal and Madeira Island	500
3	P267	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Davide	Scaccini	Phenology and pest status of <i>Ectomyelois ceratoniae</i> (Lepidoptera: Pyralidae) on walnut, <i>Juglans regia</i> L. in field and post-harvest conditions in Italy	563
3	P268	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Mario	Schumann	Current developments in the control of insect vectors in sugar beet	803
3	P269	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Amma	Simon	Seed treatment induces antibiotic resistance to <i>Rhopalosiphum padi</i> in Barley.	431
3	P270	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Marianna	Stavrakaki	Evaluation of the side effects of the biopesticide Clavitus® 13SL on natural enemies	937
3	P271	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Silva	Sulg	Pest abundance in oilseed rape fields can be controlled by parasitoids and spatiotemporal distancing from previous year fields	130
3	P272	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Anastasia	Tsagkarakou	Pesticide resistance in natural populations of two predators, key biocontrol agents in horticultural crops	873
3	P273	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Alberto	Urbaneja	Agroecology-inspired Strategies and Tools to Enhance Resilience and ecosystem services in tomato crop (ASTER)	851
3	P274	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Shimat	V Joseph	Phenology and distribution of billbugs ( <i>Sphenophorus</i> spp.) in sod farms	385



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3	P275	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Johnson	Wahengbam	Parasitoids of <i>Nezara viridula</i> (Linnaeus, 1758) in Hungary	562
3	P276	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Meelad	Yousef Yousef	Optimizing decision-making potential, cost and environmental impact of traps used for monitoring of olive fruit fly <i>Bactrocera oleae</i> (Rossi) (Diptera: Tephritidae)	192
3	P277	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Roxana	Zaharia	Neonicotinoid insecticides and its alternatives against soil pests from sunflower crops	460
3	P278	Wed. 18 Oct 2023	15.2. Integrated Pest Management - Plant defenses, elicitors and antagonists.	Galini	Koutsoula	Peptides and metabolites against <i>Aculops lycopersici</i> and <i>Bemisia tabaci</i> in tomato	768
3	P279	Wed. 18 Oct 2023	15.2. Integrated Pest Management - Plant defenses, elicitors and antagonists.	Saioa	Legarrea	Plant-mediated defences induced by the omnivorous mirid bug <i>Dicyphus hesperus</i> do not prevent transmission of a begomovirus by <i>Bemisia tabaci</i>	333
3	P280	Wed. 18 Oct 2023	15.2. Integrated Pest Management - Plant defenses, elicitors and antagonists.	Pierre	Martin	The long and challenging road to capitalize on knowledge of plant-based extracts	293
3	P281	Wed. 18 Oct 2023	15.2. Integrated Pest Management - Plant defenses, elicitors and antagonists.	George	Mbata	Preferences of snap bean cultivars by the sweetpotato whitefly, <i>Bemisia tabaci</i> for egg laying and development	737
3	P282	Wed. 18 Oct 2023	15.2. Integrated Pest Management - Plant defenses, elicitors and antagonists.	Meritxell	Pérez-Hedo	Plant defensive activation through exposure to volatiles in citrus: effect on HLB and its main vectors	633
3	P283	Wed. 18 Oct 2023	15.2. Integrated Pest Management - Plant defenses, elicitors and antagonists.	Ilma	Qonaah	Phenotyping methods for aphid resistance of wheat	392
3	P284	Wed. 18 Oct 2023	15.2. Integrated Pest Management - Plant defenses, elicitors and antagonists.	Rajagopalbabu	Srinivasan	Acquisition and inoculation of a begomovirus is influenced by host resistance to the virus and naturally occurring virus variants	195
3	P285	Wed. 18 Oct 2023	10.2 Invasion Biology and Climate Change - <i>Popillia</i>	Noëmi	Küng	Approaches to control <i>Popillia japonica</i> adults: Does the entomopathogenic fungal species <i>Beauveria pseudobassiana</i> have potential as control agent?	709
4	P286	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Konstantina	Alipranti	Pilot application of bait sprays for the control of <i>Bactrocera oleae</i> with Unmanned Aerial Vehicle	689
4	P287	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Veronica	Carnio	<i>Cydia pomonella</i> remote monitoring in apple orchards using a new a smart trap prototype	804
4	P288	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Giuliano	Ferrero	High-throughput isolation of fluorescent <i>Anopheles stephensi</i> larvae using the Biosorter large particle cytometer	384



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4	P289	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	George	Fouskitakis	Integrated Management of the <i>Bactrocera oleae</i> using Modern Electronics, Automations, and IoT Technologies: The Case of Stavies in Crete	968
4	P290	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Dion	Garrett	Agroecological approaches to monitor and control for virus yellows in sugar beet	511
4	P291	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Maria	Konstantopoulou	Biologically produced pheromones control <i>Helicoverpa armigera</i> and <i>Plutella xylostella</i>	922
4	P292	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Marko	Petek	Transgenic potato plants expressing aegerolysin complexes confer resistance against Colorado potato beetle	966
4	P293	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Jaime	Pinero	Using the principles of ECoStacking to develop ecologically-based IPM approaches in apple agroecosystems in New England	951
4	P294	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Sandra	Skendzic	Proximal remote sensing in detecting damage by Cereal leaf beetle ( <i>Oulema</i> sp.) in winter wheat	842
4	P295	Thu. 19 Oct 2024	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Arttu	Soukainen	Image-based detection and identification for smart pest management in Africa using deep learning	813
4	P296	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Antonios	Tsagkarakis	Experimental development and implementation of a research program against the Moroccan locust <i>Dociostaurus maroccanus</i> Thunberg (Orthoptera: Acrididae) in Aghios Efstratios island	700
4	P297	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Kiki	Varikou	Integrated Management of the <i>Bactrocera oleae</i> using Modern Electronics, Automations and IoT Technologies: The Case of Roumata in Crete	967
4	P298	Thu. 19 Oct 2023	09.2. Medical and Veterinary Entomology - Next generation vector surveillance: Emerging technologies and the role of society	Alessandra	della Torre	Promotion, exploitation and results by Mosquito Alert ITALIA: the story of a successful citizen science project	921
4	P299	Thu. 19 Oct 2023	09.2. Medical and Veterinary Entomology - Next generation vector surveillance: Emerging technologies and the role of society	Maria Greta	Dipaola	Deciphering the molecular interaction between the Asian Tiger Mosquito <i>Aedes albopictus</i> and the Chikungunya virus	751



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4	P300	Thu. 19 Oct 2023	09.2. Medical and Veterinary Entomology - Next generation vector surveillance: Emerging technologies and the role of society	Konstantinos	Mavridis	Monitoring and management of insecticide resistance in malaria and arbovirus mosquito vectors through access to advanced diagnostic tools (INFRAVEC2- ISIDORE)	218
4	P301	Thu. 19 Oct 2023	09.3. Medical and Veterinary Entomology - Innovative vector control strategies: Adapting to the future	Athanasios	Giatropoulos	Implications of sublethal concentrations of Origanum vulgare essential oil and its dominant constituent carvacrol on life-cycle traits of Aedes albopictus and Culex pipiens biotype molestus (Diptera: Culicidae)	547
4	P302	Thu. 19 Oct 2023	09.3. Medical and Veterinary Entomology - Innovative vector control strategies: Adapting to the future	Alec	Hochstrasser	Developing a push-pull systems to control Culicoides biting midges	118
4	P303	Thu. 19 Oct 2023	09.3. Medical and Veterinary Entomology - Innovative vector control strategies: Adapting to the future	Venetia	Karathanasi	Food for thought (Tiger mosquito - Enterobacter version)	641
4	P304	Thu. 19 Oct 2023	09.3. Medical and Veterinary Entomology - Innovative vector control strategies: Adapting to the future	Ilias	Kioulos	Anopheles mosquito species from Greece: species identification and insecticide resistance status	910
4	P305	Thu. 19 Oct 2023	09.3. Medical and Veterinary Entomology - Innovative vector control strategies: Adapting to the future	Kyros	Kyrou	A platform for gene drive-inspired local control of insect pests	110
4	P306	Thu. 19 Oct 2023	09.3. Medical and Veterinary Entomology - Innovative vector control strategies: Adapting to the future	Shune	Oliver	Baseline characterisation of Southern African malaria vectors for paratransgenesis potential	81
4	P307	Thu. 19 Oct 2023	09.3. Medical and Veterinary Entomology - Innovative vector control strategies: Adapting to the future	Kostas	Iatrou	Structural determinants of ORco ligands antagonizing odorant receptor function for mosquito vector control	66
4	P308	Thu. 19 Oct 2023	09.4. Medical and Veterinary Entomology - Changing patterns on VBDs transmission risk	Stavroula	Beleri	Molecular Identification of blood meal source in collected blood-fed mosquitoes in Greece, for the period 2017-2021	658
4	P309	Thu. 19 Oct 2023	09.4. Medical and Veterinary Entomology - Changing patterns on VBDs transmission risk	Marina	Bisia	Culex pipiens biotypes, host preference and resistance mutation in the Attica Region.	760
4	P310	Thu. 19 Oct 2023	09.4. Medical and Veterinary Entomology - Changing patterns on VBDs transmission risk	Miriama	Peklanska	Mosquito as a potential vector of Lyme disease.	37



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4	P311	Thu. 19 Oct 2023	09.4. Medical and Veterinary Entomology - Changing patterns on VBDs transmission risk	Chinmay	Tikhe	Assessment of non-live preparation of <i>Chromobacterium</i> sp. Panama (Csp_P) with an attractive sugar bait for the control of malaria vector mosquitoes	798
4	P312	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Martin	Aguirrebengoa	Regimes of fire and its relationship with aboveground arthropod communities	926
4	P313	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Myrto	Barda	Flowering plant mixture in sown patches for conservation of wild pollinators in apple orchards	806
4	P314	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Orlando	Campolo	Assessing different anthropogenic pressures on the diurnal Lepidoptera biodiversity of Aspromonte National Park.	750
4	P315	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Andrei	Teodoru	Species diversity of the leafhoppers and planthoppers, known or potential vectors for phytoplasma, in The Moldova Hills wine region	544
4	P316	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Sebastiano	Favarin	Abandonment and intensification: How changes in grassland management affect pollinator communities. Lessons from LIFE PollinAction.	647
4	P317	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Christos	Georgiadis	A bibliographic review of the ants of Greece and Cyprus: drawing a historical and biogeographic picture	486
4	P318	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Manuela	Giovanetti	The two BeeNet monitoring networks for the evaluation of Italian agroecosystems	743
4	P319	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Giulia	Giunti	Assessment of biological soil quality in organic farming systems in Southern Italy (Caserta, Campania)	690
4	P320	Thu. 19 Oct 2023	11. Biodiversity and Conservation	François-Régis	Goebel	Arthropods as functional biodiversity in different sugarcane agrosystems in Reunion Island: study methods and first results	84
4	P321	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Michael	Grevé	Insect decline – Evaluation of potential drivers of a complex phenomenon	166
4	P322	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Mikio	Kato	Construction of DNA taxonomy references of mayflies inhabiting Japan	175
4	P323	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Laura	Loru	LIFE SPAN Saproxylc Habitat Network: planning and management for European forests (LIFE19 NAT/IT/000104)	685
4	P324	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Mattia	Menchetti	The atlas of mitochondrial genetic diversity for Western Palaearctic butterflies	701
4	P325	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Efstratios	Michalis	Farmers' opinions and perceptions on pollination services: Evidence from a multi-country study in the Mediterranean Region	824



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4	P326	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Marian D.	Mirea	Conservation of the saproxylic beetles in Romanian Carpathians (LIFE ROSalia)	483
4	P327	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Luis	Perera Fernández	Shrubs as a reservoir for natural enemies in Mediterranean agroecosystems	80
4	P328	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Theodora	Petanidou	Wild bees and other pollinators of my place: a drawing competition as a learning tool	540
4	P329	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Theodora	Petanidou	Transforming nature into wonderland: creating an artificial Mediterranean flower-bee garden as a learning tool	539
4	P330	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Gabor	Pozsgai	Differences between co-occurrence networks of indigenous and exotic arthropods in the Azorean archipelago	732
4	P331	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Iago	Sanmartín-Villar	Interaction between introduced psyllids and native and exotic ants in eucalyptus plantations	154
4	P332	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Jason	Schmidt	Landscape effects on whiteflies explained by local trophic interactions and the consequences of land-use landcover	938
4	P333	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Francisca	Sconce	Bringing insects to new audiences	107
4	P334	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Theodoros	Stathakis	Effect of field margin management on diversity and activity density of ground-dwelling spiders in orange orchards	597
4	P335	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Mengxiao	Sun	Can flowering plants support insect-based ecosystem services in Korla fragrant pear orchards?	702
4	P336	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Jiunn Luh	Tan	Thrips on red raspberry in South Norway	223
4	P337	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Eva	Thibon	Improving knowledge and conservation of wild bees populations in the Regional Natural Parks of the French Nouvelle-Aquitaine region	475
4	P338	Thu. 19 Oct 2023	11. Biodiversity and Conservation	Tomáš Ernest	Vondřejc	Conservation of Parnassius apollo in Poland, Czech Republic and Austria (Project LIFE APOLLO2020)	622
4	P339	Thu. 19 Oct 2023	12.2 Social Insects and Apidology - Wild bees ecology and biogeography	Aphrodite	Kantsa	All altitudinal zones are important for the pollination systems of Mount Olympus	198
4	P340	Thu. 19 Oct 2023	12.2 Social Insects and Apidology - Wild bees ecology and biogeography	Janis	Gailis	Composition and diversity of bee (Hymenoptera: Anthophila) species found in flowering apple orchards in Latvia	183
4	P341	Thu. 19 Oct 2023	12.3 Social Insects and Apidology - Bees and pollination	Yanjie	Chen	The status of pollination services in the North China Plain, a case study in Quzhou	687
4	P342	Thu. 19 Oct 2023	12.3 Social Insects and Apidology - Bees and pollination	Prokop	Pavol	Interspecific competition among early flowering plants	609





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4	P343	Thu. 19 Oct 2023	12.3 Social Insects and Apidology - Bees and pollination	Qian	Li	Ecology and management of pollination services in Korla fragrant pear in China	665
4	P344	Thu. 19 Oct 2023	12.3 Social Insects and Apidology - Bees and pollination	Agata	Morelli	The use of bumblebees as potential pollinating agents in vertical farming: drawbacks, feasibility and prospective research	382
4	P345	Thu. 19 Oct 2023	12.3 Social Insects and Apidology - Bees and pollination	Zsófia	Varga-Szilay	Flower visitation through the lens: exploring bumblebees' behaviour with computer vision-based application	746
4	P346	Thu. 19 Oct 2023	12.3 Social Insects and Apidology - Bees and pollination	Agata	Morelli	The use of bumblebees as potential pollinating agents in vertical farming: drawbacks, feasibility and prospective research	382
4	P347	Thu. 19 Oct 2023	12.4 Social Insects and Apidology - Bee threats in a changing environment	Dalila	Di Criscio	EAG test on <i>Apis mellifera</i> as a future prospect of application for <i>Varroa destructor</i> control	724
4	P348	Thu. 19 Oct 2023	12.4 Social Insects and Apidology - Bee threats in a changing environment	Federico	Manganello	Optimizing Italian honey bee ( <i>Apis mellifera ligustica</i> Spin.) density in caged laboratory trials	678
4	P349	Thu. 19 Oct 2023	12.4 Social Insects and Apidology - Bee threats in a changing environment	Archie	Murchie	Including honeybees in the All-Ireland Pollinator Plan	686
4	P350	Thu. 19 Oct 2023	12.4 Social Insects and Apidology - Bee threats in a changing environment	Leticia	Salvioni Ansaloni	<i>Nosema ceranae</i> spores and chronic bee paralysis virus decrease newly emerged Carniolan honey bee longevity	437
4	P351	Thu. 19 Oct 2023	12.4 Social Insects and Apidology - Bee threats in a changing environment	Aleksandra	Splitt	Monitoring the effects of plant protection on pollinating insects in apple orchard – case study from SE Poland	674
4	P352	Thu. 19 Oct 2023	12.4 Social Insects and Apidology - Bee threats in a changing environment	Antonios	Tsagkarakis	Assessment of post-fire vegetation recovery after forest wildfires: how honey bees and other pollinators are affected. The case of Voria Evia	692
4	P353	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Paraskevi	Agrafioti	Utilizing nitrogen as a phosphine resistance breaker in stored product protection	880
4	P354	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Miriam	Benita	Inter and intraspecific interactions drive temporal niche segregation in <i>Tribolium</i> species	664
4	P355	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Maria C.	Boukouvala	Sublethal effects of <i>Acmeilla oleracea</i> hexane extract on various behavioral traits of <i>Prostephanus truncatus</i>	802
4	P356	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Patrizia	Falabella	Usage of insect-based chitosan for the preservation of fresh cherry tomatoes	271



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4	P357	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Constantin	Filintas	Food impact on immediate and delayed mortalities of three insecticides applied on concrete against <i>Alphitobius diaperinus</i> small and large larvae	253
4	P358	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Marina	Gourgouta	Identification of dominant insect species in storage facilities of specific dried fruits in Greece, Turkey, and Israel	905
4	P359	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Nickolas	Kavallieratos	Efficacy of <i>Carlina acaulis</i> essential oil nanoemulsion as wheat protectant against adults and larvae of three Tenebrionidae pests	255
4	P360	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Evagelia	Lampiri	Insecticidal effect of three insecticides applied on different surfaces for the control of three stored-product beetle species	521
4	P361	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Evagelia	Lampiri	Influence of grain type on the efficacy of graphene for the control of <i>Tribolium castaneum</i> , <i>Sitophilus zeamais</i> and <i>Sitophilus oryzae</i>	519
4	P362	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Cristina	Petrisor	Insecticidal potential of lavender essential oil against some stored grain cereals pests	458
4	P363	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Rosanna	Salvia	Usage of insect-based chitosan for the preservation of fresh fruits	268
4	P364	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Mariastela	Vrontaki	Insecticidal effect of contact insecticides applied on fortified rice for the control of stored product insects	878
4	P365	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Mariastela	Vrontaki	Insecticidal effect of different diatomaceous earth formulations for the control of stored product beetles	879
4	P366	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Anna Nikoletta	Skourti	Efficacy of Apiaceae essential oil nanoemulsions against five arthropod pests	538
4	P367	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Anna Nikoletta	Skourti	Changes in <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tenebrionidae) fitness when different developmental stages are exposed to chlorfenapyr	535



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4	P368	Thu. 19 Oct 2023	16.2. Stored Product Protection - Urban Entomology and Stored Product Protection: Artifact Pests and Wood Borers in the Urban Environment	Constantin	Filintas	The pyrrole derivative chlorfenapyr causes immediate and delayed mortality to adults and larvae of <i>Alphitobius diaperinus</i> on concrete	970
4	P369	Thu. 19 Oct 2023	16.2. Stored Product Protection - Urban Entomology and Stored Product Protection: Artifact Pests and Wood Borers in the Urban Environment	Diletta	Missere	Quality control of <i>Pachycrepoideus vindemiae</i> (Hymenoptera: Pteromalidae) and <i>Muscidifurax raptor</i> (Hymenoptera: Pteromalidae) as pupal parasitoids for biological control of <i>Piophilidae</i> (Diptera: Piophilidae) in ham productions.	356
4	P370	Thu. 19 Oct 2023	16.2. Stored Product Protection - Urban Entomology and Stored Product Protection: Artifact Pests and Wood Borers in the Urban Environment	Rob	Morrison	Using long-lasting insecticide-incorporated netting protects bulk storage and processing facilities while minimizing fumigations	6
4	P371	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Eleni	Koutsogeorgiou	Density dependent development of the yellow mealworm <i>Tenebrio molitor</i>	545
4	P372	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Efthimia	Antonopoulou	Inclusion of <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae) reared on substrates enriched with post-distillation residues of aromatic-medicinal plants in fishfeed: cellular responses in the liver and the muscle of <i>Sparus aurata</i>	862
4	P373	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Efthimia	Antonopoulou	Dietary inclusion of <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae) reared on substrates enriched with post-distillation residues of aromatic-medicinal plants as modulator of the internal metabolism in pigs	863
4	P374	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Stefanos	Andreadis	Agri-food residues as rearing substrates for <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae): effects on growth, cellular responses and antioxidant capacity	891
4	P375	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Federica	De Stefano	Evaluation of antimicrobial activity of lipids extracted from <i>Tenebrio molitor</i>	269
4	P376	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Sofia	Dervisoglou	Evaluation of food substrates on larval development and nutritional parameters of <i>Tenebrio molitor</i> L. (Coleoptera: Tenebrionidae)	706
4	P377	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Patrizia	Falabella	Evaluation of antimicrobial activity of lipids extracted from <i>Hermetia illucens</i> reared on different feeding substrates	267



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4	P378	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Marina	Gourgouta	Larval development of the superworm <i>Zophobas morio</i> (F.) (Coleoptera: Tenebrionidae) on substrates enriched with functional ingredients of aromatic and pharmaceutical plants of the Greek flora	906
4	P379	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Jérémy	Guillaume	Asymptotic Estimated Digestibility, a new indicator to overcome challenges related to faeces collection and ingesta quantification in <i>Hermetia illucens</i> larvae	336
4	P380	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Costanza	Jucker	Black soldier fly as a tool for the valorization of tomato waste	839
4	P381	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Sun Young	Kim	Subchronic oral dose toxicity evaluation and allergen of freeze-dried powder of <i>Locusta migratoria</i> as a novel food source	300
4	P382	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Ohseok	Kwon	Study on the application of <i>Protaetia brevitarsis</i> larva excrement as Organic fertilizer	447
4	P383	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Marianna	Rigopoulou	Feed particle size effect on larval growth of <i>Alphitobius diaperinus</i> and <i>Tenebrio molitor</i>	684
4	P384	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Christos	Athanassiou	Waste Orange Peels as a Feed Additive for the Enhancement of the Nutritional Value of <i>Tenebrio molitor</i>	554
4	P385	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Christos	Athanassiou	Integration of alternative proteins in the Mediterranean food and feed value chains: the CIPROMED perspective	859
4	P386	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Ayse	Yarali Paisios	Insects for upcycling nutrients from food waste and agri-food byproducts into animal feed, fertilizers, and soil amendments – Towards pilot implementation in Greece	407