



4th International Forest Entomology and
Pathology Symposium (ENFITO 2022)
12-14 May, 2022 Trabzon, TURKEY

www.ktu.edu.tr/enfito2022

Symposium Programme



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Symposium Programme (May 12, 2022)

Venue: Prof. Dr. Osman Turan Congress Center

ACTIVITY	PLACE	Time	Date				
Registration	Prof. Dr. Osman Turan Congress Center	8:00 - 9:30	May 12, 2022				
Introduction & Welcome Speech	Main Room (Hasan Turan)	9:30 - 10:30					
Coffee Break	Prof. Dr. Osman Turan Congress Center Foyer Area	10:30 - 11:00					
Keynote Speakers	Main Room - Chair: Prof. Dr. Mahmut EROĞLU						
Prof. Dr. Mustafa AVCI	"Yabancı İstilacı Türler, Karantina Önlemleri ve Türkiye'deki Güncel Durum"	11:00-11:30					
Prof. Dr. İsmail DEMİR	"Orman Zararlılarıyla Mücadelede Entomopatojenler"	11:30-12:00					
Lunch	KTU Beach Complex Restaurant	12:30 -14:00					
4th International Forest Entomology and Pathology Symposium							
Symposium Program (May 12, 2022)							
Authors	Sessions	Abstract No	Title	Time	Date	Room	
Chair: Hakan RAGİPOĞLU							
<u>Akin EMİN</u>	Controlling Forest Diseases and Pests	144	Damage Statistics in Forests of Turkey	14:15 - 14:30	May 12, 2022	Main Room (Hasan Turan)	
Mahmut EROĞLU, İsmet HARMAN		150	Bark Beetles – Trap Trees	14:30 - 14:45			
<u>Hazan ALKAN AKINCI</u>		120	Managing bark beetle outbreaks in protected areas: Experiences and suggestions	14:45 - 15:00			
Coffee Break				15:00 - 15:30			
Ayhan SERTTAŞ, H. İbrahim YOLCU, Uğur Melih ALKAN, Oğuzhan SARIKAYA		102	The Determination to Catching Capacity of Pheromone Trap Types Using in The Brutian Pine Forests of Antalya and Isparta Forestry Regional Directorates [<i>Orthotomicus erosus</i> (Woll.) Case]	15:30 -15:45			
Yaşar AKSU, <u>Hazan ALKAN AKINCI</u> , Berna ÇELİK GÖKTÜRK		125	First record of <i>Dryocosmus kuriphilus</i> Yasumatsu (Hymenoptera: Cynipidae) in Artvin and planning first trials of biological control	15:45 -16:00			
<u>Şule YAMAN</u> , Esra TUNÇ GÖRMÜŞ		134	Monitoring of Forest Pest Insect Through Remote Sensing Time Series Analysis: Example Of Tahtakopru Province	16:00 -16:15			



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Chair: Emin YILMAZ						May 12, 2022	Fahri Kuran Conference Room
Temel SARIYILDIZ	Other Related Topics about Forest Entomology and Pathology, Parasitic Plants	112	Impacts of <i>Ips typographus</i> (L.) Outbreaks on Soil Organic Carbon Stocks of Oriental Spruce	14:15 - 14:30			
Murat ÖZTÜRK, Kadir Alperen COŞKUNER, Bedri SERDAR, Ertuğrul BİLGİLİ		151	The effect of mistletoes on host growth and survival in Turkey	14:30 - 14:45			
Temel SARIYILDIZ, Mert TANI		113	Effects of Chestnut Gall Wasp (<i>Dryocosmus kuriphilus</i> Yasumatsu) on Leaf Litter Decomposition Rates of Anatolian Chestnut (<i>Castanea sativa</i>)	14:45 - 15:00			
Coffee Break			15:00 - 15:30				
GALA DINNER (Buses will leave at 19:30 from Prof. Dr. Osman TURAN Congress Center)				20:00	Şahbazoğlu Köfte & Balık – Trabzon		



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Chair: Akın EMİN						
<u>Ardahan ESKİ</u> , Seda BIRYOL, Özden AÇICI, İsmail DEMİR	Biological Control	114	Microbial control of <i>Leptoglossus occidentalis</i> (Heteroptera: Coreidae) using entomopathogenic fungi	8:30 - 8:45	May 13, 2022	Main Room (Hasan Turan)
<u>Zeynep BAYRAMOĞLU</u> , Dönüş GENÇER, İsmail DEMİR		108	Development of novel Betabaculovirus as a biological insecticide, and efficacy of Fall Webworm larvae	8:45 - 9:00		
Saliha VOYVOT, <u>Mahmut EROĞLU</u>		146	Egg parasitoids of pine processionary moth (<i>Thaumetopoea pityocampa</i> (Denis & Schiffermuller, 1775) ve T. Wilkinsoni (tams, 1924) (Lepidoptera: Notodontidae) in Turkey	9:00 - 9:15		
<u>Seda BIRYOL</u> , Nazan ARAZ, Ardahan ESKİ, Rasim AKTÜRK, Lale BILGIN, Ali SOYDINÇ, Sevda IŞIK, İsmail DEMİR		117	Highly Effective Beauveria bassiana (Ascomycota: Hypocreales) Against Pristiphora abietina (Hymenoptera: Tenthredinidae)	9:15 - 9:30		
<u>Sevda IŞIK</u> , Ali SOYDINÇ		131	Studies carried out in the laboratory of biological control against forest pests in Trabzon	9:30 - 9:45		
<u>Fikriye ÖCAL</u> , Eylem DEMİR, Evrim ARSLANTAŞ, Burak BINGÜL, Hilal Tunca COSIC, Elisabeth TABONE, Özgür TOPRAK, I. Meltem ÖZÇANKAYA,		145	Studies of the biological control laboratories (Örnekköy laboratory case)	9:45 - 10:00		
Coffee Break				10:00 - 10:30		
Chair: Prof. Dr. Ertuğrul BİLGİLİ						
<u>Mehmet DAYI</u> , Serdar DİNÇ, Kahraman İPEKDAL	Morphology, Systematics and Genetics, Biodiversity and Conservation Biology	105	P450 genes in forest insect pests and parasitoid species	10:30 - 10:45		
<u>Shahbaz AHMAD</u>		106	Use of DNA Barcodes to identify invasive <i>Spodoptera frugiperda</i> (Noctuidae: Lepidoptera) species in Pakistan	10:45 - 11:00		
Rezo VASADZE, <u>Guguli DUMBADZE</u> , Temel GOKTURK, Nunu CHACHKIANI-ANASASHVILI		142	The biological characteristics of <i>Ips typographus</i> in Adjara spruce forests	11:00 - 11:15		
<u>Adebola AZEEZ LATEEF</u> , Sepiah MUID, Muhamad HASNUL BOLHASSAN,		107	Molecular identification of Blakeslea trispora; a new record of microfungi from Gunung Fading forest, Borneo Island, Malaysia	11:15 - 11:30		
<u>Özhan ŞENOL</u> , Gazi GÖRÜR, Gizem BAŞER, Hayal AKYILDIRIM BEĞEN, Bengisü Venhar AKÇAY		140	Some contributions to the aphid (Hemiptera: Aphidoidea) and host plant composition of Antalya province in Turkey	11:30 - 11:45		
Lunch				12:00 - 14:00	KTU Beach Complex Restaurant	



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Chair: Doç. Dr. Hazan ALKAN AKINCI						
<u>İsmet HARMAN</u> , Mustafa AVCI	Biodiversity and Conservation Biology	135	The Saproxylic Insect Diversity of Koycegiz and Fethiye (Mugla) Anatolian Sweetgum Forests	8:45 - 9:00	May 13, 2022	Fahri Kuran Conference Room
<u>Mahmut KABALAK</u> , Muhammed Arif DEMİR, Müge ÖZDEMİR		129	Saproxylic Elateridae (Coleoptera) Species in Inner Western Anatolian Region of Turkey	9:00 - 9:15		
<u>Fatih AYTAZ</u> , Oğuzhan SARIKAYA, Marcela SKUHRAVÁ,		136	New Record of Gall midge of Dogwood, <i>Craneiobia corni</i> (Giraud, 1863) (Diptera: Cecidomyiidae) in Türkiye	9:15 - 9:30		
<u>Serdar GÖKTEPE</u> , Mustafa AVCI, Nicklas JANSSON		141	Saproxylic Beetles Detected in Oak Forests of Different Ages in Mersin/Gulnar Region	9:30 - 9:45		
<u>Gizem BAŞER</u> , Özhan ŞENOL, Gazi GÖRÜR, Hayal AKYILDIRIM BEĞEN, Bengisu Venhar AKÇAY		138	The aphid species (Hemiptera: Aphidoidea) detected on forest trees in Mugla province	9:45 - 10:00		
Coffee Break				10:00 - 10:30		
Chair: Prof. Dr. Mahmut KABALAK						
<u>Serap MUTUN</u> , Serdar DİNÇ	Biodiversity and Conservation Biology, Ecology and Behaviour	110	Cynips quercus in the Western Palearctic: the role of Turkey between Asia and Europe	10:30 - 10:45		
<u>Fatih AYTAZ</u> , Oğuzhan SARIKAYA		137	The oak gall wasp, <i>Dryocosmus mikoi</i> Melika, Tavakoli, Stone & Azizkhani (Hymenoptera: Cynipidae): A new record from Türkiye, with its new host and inquilines species	10:45 - 11:00		
<u>Serap MUTUN</u> , Omar A. DANSO		111	Contributions of <i>Andricus tomentosus</i> to the Turkish Gallwasp Diversity	11:00 - 11:15		
<u>Yavuz TURAN</u>		115	An overview of Staphylinidae (Coleoptera) and Fungi Interactions and Scientific Studies in Turkey	11:15 - 11:30		
Sema LEBLEBICI, Fadime DONBALOĞLU BOZCA, <u>Elif Fatma TOPKARA</u> , Oğuzhan YANAR		116	Antioxidative defense responses and chemical composition of <i>Pinus sylvestris</i> L. and <i>Pinus nigra</i> L. as attacked by <i>Thaumetopoea wilkinsoni</i> Tams, 1926 (Lepidoptera: Notodontidae)	11:30 - 11:45		
Lunch				12:00 - 14:00	KTU Beach Complex Restaurant	



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Chair: Prof. Dr. Temel GÖKTÜRK						
<u>Metehan İLARSLAN</u>	Invasive Species, Ecology and Behaviour	143	Distribution and Control Studies of Citrus Long-horned Beetle, <i>Anoplophora chinensis</i> (Forster, 1771) in Trabzon	14:00-14:15	May 13, 2022	Main Room (Hasan Turan)
Zeynep BAYRAMOĞLU, Seda BİRYOL, Kübra YILDIRIM, Ebru GÜMÜŞ, Ferit TURANLI, Metehan İLARSLAN, Ahmet Emre ÖRÜMLÜ, İsmail DEMİR		109	Selection of some local entomopathogenic fungus for the biological control of <i>Anoplophora chinensis</i> (Coleoptera: Cerambycidae)	14:15 - 14:30		
Temel GOKTURK, Guguli DUMBADZE, Lali JGENTI		124	Identification of Halyomorpha halys' Host Plants and Population Level in Batumi-Georgia	14:30 - 14:45		
Mustafa AVCI, Kahraman İPEKDAL, İ. Meltem ÖZÇANKAYA, Şükran OĞUZOĞLU, Tuncay CAN, Fikriye ÖÇAL		119	Damage of <i>Leptoglossus occidentalis</i> Heidemann, 1910 (Hemiptera: Coreidae) in pine nuts in İzmir-Bergama	14:45 - 15:00		
Ertan ALBAS, Yafes YILDIZ		101	The forest pests which is detected in plant quarantine inspections during 2018 and 2019 years in Turkey	15:00 - 15:15		
Coffee Break (in Faculty of Forestry)				15:30 - 16:00	KTU Faculty of Forestry	
Closing Remarks				16:00-17:00	KTU Faculty of Forestry, Prof. Dr. Ahmet Sener Conference Room	



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Chair: Doç. Dr. Shahbaz AHMAD, Co-Chair: Doç. Dr. Hazan ALKAN AKINCI						May 13, 2022	Fahri Kuran Conference Room
Muhammet GÜRAĞAÇ, Burçin YENİSEY KAYNAŞ	Ecology and Behaviour	139	The effect of fire-related variables on beetle community in a Pinus brutia forest	14:00-14:15			
Mahmut KABALAK, Çağaçan KARACAOĞLU		130	Niche Modelling Study on Six Elateridae (Coleoptera) Species in Turkey	14:15 - 14:30			
Senem ÖZDEMİR		126	Rove beetles (Coleoptera: Staphylinidae): Underestimated bioindicators of land-use and human effect on terrestrial ecosystems	14:30 - 14:45			
Burçin Yenisey KAYNAŞ, Sinan KAYNAŞ, Çağatay TAVŞANOĞLU, Gökhan ERGAN, İrem TÜFEKCİOĞLU		133	Short-term effects of fire on arthropod community in a Pinus brutia Ten. forest	14:45 - 15:00			
Mustafa AVCI, Kahraman İPEKDAL, Şükran OĞUZOĞLU		118	Life cycle of <i>Leptoglossus occidentalis</i> Heidemann, 1910 (Hemiptera: Coreidae) in Isparta and Burdur Province	15:00 - 15:15			
Coffee Break (in Faculty of Forestry)				15:30 - 16:00	KTU Faculty of Forestry		
Closing Remarks				16:00-17:00	KTU Faculty of Forestry, Prof. Dr. Ahmet Sener Conference Room		



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Symposium Programme (May 12 - 13, 2022)

Poster Session

Venue: Prof. Dr. Osman Turan Congress Center

4th International Forest Entomology and Pathology Symposium					
Symposium Program (May 12-13, 2022)					
POSTER SESSION					
Authors	Abstract No	Title	Time	Date	Room
Ali SOYDINÇ, Sevda IŞIK, Seda BIRYOL	121	Isolation, Morphological Characterizations and Virulence of Entomopathogenic Fungus from <i>Dendroctonus micans</i> (Kug.) (Coleoptera: Curculionidae)	9:30 -16:30	May 12, 2022	Prof. Dr. Osman Turan Congress Center Foyer Area
Hilal Tunca COSIC, Sefa Gizem ÇANKAYA, Abidin AĞNAR, Fatmagül YURTTAŞ, Damla ÇAYCI, Ayça İĞDE, Akın EMIN, Özgür TOPRAK	122	Using The Egg Parasitoid <i>Trichogramma denrolimi</i> Matsumura (Hymenoptera: Trichogrammatidae) Against <i>Hyphantria cunea</i> (Drury) (Lepidoptera: Arctiidae) In Sakarya Province	9:30 -16:30		
Hilal Tunca COSIC, Gökberk ÖFÖFOĞLU, Hilal KOCA, Damla ÇAYCI, Ayça İĞDE, Akın EMIN, Özgür TOPRAK	123	The use of insecticide-effective parasitoid Bracon hebetor Say (Hymenoptera: Braconidae) against <i>Cydalima perspectalis</i> (Walker) (Lepidoptera: Crambidae)	9:30 -16:30		
Bengisü Venhar AKÇAY, Özhan ŞENOL, Gizem BAŞER, Gazi GÖRÜR, Hayal AKYILDIRIM BEĞEN	127	Gall forming aphid species that were determined from Antalya province of Turkey	9:30 -16:30		
Hilal Tunca COSIC, Fikriye ÖCAL, Evrim ARSLANTAŞ, Burak BINGÜL, Eylem DEMİR, Meltem ÖZÇANKAYA, Elisabeth TABONE, Ety-Ambre COLOMBEL, Mathilde CAPELLI, Özgür TOPRAK, Akın EMIN, Tuncay CAN, Benjamin COSIC, Özden AÇICI, Hacer CAN, Yaşar AKSU,	128	First Rearing Egg Parasitoid <i>Ooencyrtus pityocampae</i> (Mercet) (Hymenoptera: Encyrtidae) on <i>Philosamia ricini</i> (Danovan) (Lepidoptera: Saturniidae) in Turkey	9:30 -16:30		
Sevda IŞIK, Ali SOYDINÇ	132	Modern Approaches to the Laboratory Production of <i>Rhizophagus grandis</i> (Gyllenhal) (Coleoptera: Monotomidae)	9:30 -16:30		
Banu Şeyma CEYHUN, Derya ÖZKAN, Sinan TAŞDEMİR, Özgür TOPRAK, Akın EMIN	152	Biological Control of Chestnut Blight with Hypovirulent Isolates	9:30 -16:30		



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Symposium Program (May 14, 2022)	
Field Excursion (Buses will leave at 9:30 from Prof. Dr. Osman TURAN Congress Center)	
Sümela Monastery	10:00 - 18:00