



# ISBR-2019

## 1<sup>st</sup> INTERNATIONAL SYMPOSIUM ON BIODIVERSITY RESEARCH

### SYMPOSIUM PROGRAM BOOK

2-4 May 2019



Çanakkale Onsekiz Mart University  
Çanakkale

**ISBR-2019**  
**1<sup>st</sup> INTERNATIONAL SYMPOSIUM ON BIODIVERSITY RESEARCH**  
**SYMPOSIUM PROGRAM**

**ORAL PRESENTATIONS**

<b>02 May 2019, Thursday</b>	
02 May 2019, Thursday 08:30 - 10:00	<b>REGISTRATION / WELCOME</b> MANFRED OSMAN KORFFMANN TROIA CULTURE CENTRE
02 May 2019, Thursday 10:00 - 11:15	<b>OPENING CEREMONY</b> PROF. DR. SEVİM BULUÇ HALL
02 May 2019, Thursday 11:15 - 11:45	<b>COFFEE BREAK</b>
02 May 2019, Thursday 11:45 - 12:30	<b>KEYNOTE SPEAKER</b>  <b>MOLECULAR GENETICS APPROACH FOR MEASURING DIVERSITY IN PLANTS: FROM GENETIC VARIATION TO FUNCTIONAL GENOMICS</b>  Assist. Prof. Dr. İBRAHİM ÇELİK  PROF. DR. SEVİM BULUÇ HALL
02 May 2019, Thursday 12:45 - 13:45	<b>LUNCH</b> CAMPUS RESTAURANT
02 May 2019, Thursday 13:45 - 14:00	<b>COFFEE BREAK</b>

<p>02 May 2019, Thursday</p> <p>14:00 - 15:15</p>	<p><b>SESSION 1 - DIVERSITY OF ANIMAL SPECIES, SYSTEMATICS AND PHYLOGENY</b> <b>HALL 1</b> - Chairman: Prof. Dr. CÜNEYT AKI</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23044 - Macroanatomic and morphometric studies on the skulls of male mole rats [<i>Nannospalax nehringi</i> (2n = 50)]</b> <u>SEMİNE DALGA, KADİR ASLAN, BARIŞ YILDIZ</u></li> <li>• <b>23930 - Diversity and distribution of soil Nematodes in Mount Ararat (5137 m), Turkey</b> <u>TAYLAN ÇAKMAK, ÇİĞDEM GÖZEL, M. BORA KAYDAN, UĞUR GÖZEL</u></li> <li>• <b>24166 - Diversity of bird species in Umurbey Delta (Çanakkale/Turkey)</b> <u>MURAT UYMAN, MURAT TOSUNOĞLU</u></li> <li>• <b>24534 - Large mammal species of Çorum province (Kargı)</b> <u>KADİR ULUSOY, SAFAK BULUT, BURAK AKBABA</u></li> <li>• <b>24588 - Ornithofauna of Çanakkale (Turkey)</b> <u>İBRAHİM UYSAL, MURAT TOSUNOĞLU, YAKUT CAN AŞIKOĞLU, MURAT UYMAN</u></li> </ul> <hr/>
<p>02 May 2019, Thursday</p> <p>14:00 - 15:15</p>	<p><b>SESSION 2 - ENVIRONMENTAL TOXICOLOGY</b> <b>Hall 2</b> - Chairman: Assist. Prof. Dr. NESLİHAN DEMİR</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23991 - Gemological research of natural and treated blue sapphires</b> <u>BÜLENT BAYIRÇILAR</u></li> <li>• <b>24485 - Invisible danger; Nanoplastics</b> <u>AHMET ALİ BERBER, NURCAN BERBER</u></li> <li>• <b>24492 - Multi-Statistical sediment quality assessment of Ergene River Basin</b> <u>CEM TOKATLI</u></li> <li>• <b>24630 - Antifungal Activity and Inhibition Mechanisms of Various Plant Derived Natural Compounds Against Yeast Cells</b> <u>BENGÜ ERGÜDEN</u></li> <li>• <b>24551 - Use of biological risk index to evaluate the sediment quality of significant dam lakes located in Thrace part of Marmara Region of Turkey</b> <u>CEM TOKATLI</u></li> </ul> <hr/>
<p>02 May 2019, Thursday</p> <p>14:00 - 15:15</p>	<p><b>SESSION 3 - AQUATIC (MARINE AND FRESHWATER) BIODIVERSITY</b> <b>HALL 3</b> - Chairman: Prof. Dr. Herdem ASLAN</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23259 - Biodiversity of the Karagöl Lagoon (Edirne, Turkey)</b> <u>FERDA PAÇAL</u></li> <li>• <b>23876 - Why Should We Consider Habitat (β) Diversity in Marine Biodiversity Research and Conservation?</b> <u>MURAT ÖZAYDINLI, K. CAN BİZSEL</u></li> <li>• <b>24170 - Freshwater fishes of Kastamonu (Turkey): An inventory of riverine habitats</b> <u>BARAN YOĞURTÇUOĞLU</u></li> </ul> <hr/>

	<ul style="list-style-type: none"> <li>• <b>24521 - Demersal Fish Diversity from the Turkish Waters of the North Aegean Sea</b> <u>CEM DALYAN</u></li> <li>• <b>24593 - Phylogenetic assignment of <i>Barbus</i> species distributed in southeastern Black Sea</b> <u>GÖKHAN KALAYCI</u></li> </ul>
<p>02 May 2019, Thursday 14:00 - 15:15</p>	<p><b>SESSION 4 - INVASIVE SPECIES &amp; BIODIVERSITY OF PARASITES AND THEIR HOSTS</b> <b>HALL 4</b> - Chairman: Prof. Dr. ŞÜKRAN YALÇIN ÖZDİLEK</p> <ul style="list-style-type: none"> <li>• <b>23167 - Growth properties and stock status of invasive Sand Smelt (<i>Atherina boyeri</i> Risso, 1810) in Beyşehir Lake</b> <u>KADİR ÇAPKIN, MEHMET CİLBİZ, ŞAKİR ÇINAR, SONER SAVAŞER, S. OĞUZ KORKUT, MUSTAFA CEYLAN</u></li> <li>• <b>23187 - Seasonal variation in the fykenet selectivity of Crayfish (<i>Astacus leptodactylus</i>) in Eğirdir Lake</b> <u>MEHMET CİLBİZ, CELALETTİN AYDIN, ZAFER TOSUNOĞLU</u></li> <li>• <b>23199 - A study on preliminary list of alien plant species for pest risk in Turkey</b> <u>ZÜBEYDE FİLİZ ARSLAN, AHMET ULUDAĞ</u></li> <li>• <b>23249 - Diurnal and nocturnal activity of some Tabanidae (Insecta: Diptera) Species in Turkey</b> <u>CEYHUN CAN ARSLAN, FERHAT ALTUNSOY</u></li> <li>• <b>24127 - Occurrence of a new <i>Microsporidium</i> in <i>Sitona humeralis</i> Stephens (Coleoptera: Curculionidae) in Turkey</b> <u>HİLLAL YILDIRIM, ÇAĞRI BEKİRCAN</u></li> </ul>
<p>02 May 2019, Thursday 15:15 - 15:30</p>	<p style="text-align: center;"><b>COFFEE BREAK</b></p>
<p>02 May 2019, Thursday 15:30 - 16:45</p>	<p><b>SESSION 5 - AGRICULTURAL BIODIVERSITY AND CONSERVATION</b> <b>HALL 1</b> - Chairman: Prof. Dr. AHMET ULUDAĞ</p> <ul style="list-style-type: none"> <li>• <b>23816 - A traditional product obtained from cranberry (<i>Cornus mas</i>) fruit produced in the Dursunbey district at Balıkesir province: GARAGURT and its antioxidant properties</b> <u>ELİF SAVAS, ESRA ÇAPANOĞLU GÜVEN</u></li> <li>• <b>23927 - Diversity of Aphids (Hemiptera: Aphididae) and their host plants in the South Marmara Region of Turkey</b> <u>ŞAHİN KÖK, SHALVA BARJADZE, İŞİL ÖZDEMİR, ERSİN KARABACAK, İSMAIL KASAP</u></li> <li>• <b>24288 - Effect of <i>Styrax officinalis</i> L. Extracts on <i>Ceratitis capitata</i> Wied. (Diptera: Tephritidae)</b> <u>EMEK KOÇAK, ASLI İREM GEZER</u></li> <li>• <b>24514 - The new species (Hemiptera: Aphididae) and the agricultural analysis of the species diversity of the province of Kayseri</b> <u>İŞİL ÖZDEMİR</u></li> </ul>

	<ul style="list-style-type: none"> <li>• <b>24515 - The evaluation of Tortricidae (Lepidoptera) species diversity in the Western Black Sea Region in terms of agriculture and forest areas</b> <u>MUSTAFA ÖZDEMİR</u></li> </ul>
<p>02 May 2019, Thursday 15:30 - 16:45</p>	<p><b>SESSION 6 - ENVIRONMENTAL TOXICOLOGY</b> <b>HALL 2</b> - Chairman: Assist. Prof. Dr. KEMAL GÖKKAYA</p> <ul style="list-style-type: none"> <li>• <b>23532 - Genotoxic effects of silver-tin alloy (AgSn) nanoparticles on root meristem cells of <i>Allium cepa</i></b> <u>HUZEYFE HURİYET</u>, TOLGA ÇAVAŞ, ÖZGÜR VATAN, ZEHRA NUR DÜZEN, AKOUA AURELİE CARINE ALLOUNAN, MELİKA BEKTAŞ HORTOĞLU, NİLÜFER ÇINKILIÇ</li> <li>• <b>23684 - The effect of Ritalin (Methylphenidate Hydrochloride) on the development of <i>Calliphora vicina</i> (Calliphoridae: Diptera) and PMI estimation</b> <u>BAHRİYE AYAZ</u>, FERHAT ALTUNSOY</li> <li>• <b>23786 - Effects of Azadirachtin on <i>Arthrospira plantensis</i> growth parameters and antioxidant enzymes</b> <u>HATİCE TUNCA</u>, TUĞBA ONGUN SEVİNDİK, FERAY KÖÇKAR, ALİ DOĞRU</li> <li>• <b>23793 - The alterations of <i>Arthrospira platensis</i> antioxidant activity and growth parameters due to oxidative stress arising from new synthesized phthalocyanine</b> <u>SENA ÇAĞATAY ÖZPINAR</u>, HATİCE TUNCA, TUĞBA ONGUN SEVİNDİK, ARMAĞAN GÜNSEL, MERYEM NİLÜFER YARAŞIR, AHMET TURGUT BİLGİÇLİ</li> <li>• <b>23825 - The alterations of antioxidant activity and growth parameters in <i>Chlorella vulgaris</i> due to oxidative stress arising from new synthesized phthalocyanine</b> <u>AYŞE GÜL TEKBABA</u>, HATİCE TUNCA, TUĞBA ONGUN SEVİNDİK, ALİ DOĞRU, ARMAĞAN GÜNSEL, MERYEM NİLÜFER YARAŞIR, AHMET TURGUT BİLGİÇLİ</li> </ul>
<p>02 May 2019, Thursday 15:30 - 16:45</p>	<p><b>SESSION 7 - ENVIRONMENTAL EDUCATION &amp; EFFECTS ON BIODIVERSITY</b> <b>Hall 3</b> - Chairman: Prof. Dr. ŞÜKRAN YALÇIN ÖZDİLEK</p> <ul style="list-style-type: none"> <li>• <b>23009 - The biodiversity game</b> <u>GİZEM SARISOY</u></li> <li>• <b>24373 - Biodiversity awareness of five grade level students</b> <u>PINAR KURT</u>, SEDA ÇAVUŞ-GÜNGÖREN</li> <li>• <b>24446 - 1 million people with nature and environmental education of Gaziantep Metropolitan Municipality Botanic Garden</b> <u>KADİR ARSLAN</u>, BANU GOKCEK, <u>PELİN OKKIRAN</u>, SİBEL ÇUHADAR</li> <li>• <b>23183 - The effect of rapid urbanization on the naturally spreading species of <i>Erica manipuliflora</i>, <i>Myrtus communis</i> L., <i>Laurus nobilis</i> L. and <i>Pinus brutia</i>: the case study of Mersin Çiftlikköy</b> <u>EMEK KOÇAK</u>, ARİN LALEŞ ÇİFTÇİ</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>23897 - The effect of climatic decadal oscillations on olive productions in Turkey</b> DOĞAN YAŞAR, <u>SEZGİ ADALIOĞLU</u></li> </ul>
<p>02 May 2019, Thursday  15:30 - 16:45</p>	<p><b>SESSION 8 - DIVERSITY OF ANIMAL SPECIES, SYSTEMATICS AND PHYLOGENY</b> <b>HALL 4</b> - Chairman: Asisst. Prof. Dr. İBRAHİM UYSAL</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23918 - Faunistic records of the Oribatid Mites (Acari: Oribatida) from Kocaeli</b> ŞULE BARAN, <u>MERVE YAŞA</u></li> <li>• <b>24549 - First record of <i>Stigmaeus tolstikovi</i> Khaustov (Acari: Stigmaeidae) in Turkey</b> <u>SİBEL DOĞAN</u>, SALİH DOĞAN</li> <li>• <b>23919 - First record of <i>Ceratozetes (C.) lagrecai</i> Bernini, 1973 (Acari: Oribatida) in Turkey</b> ŞULE BARAN, <u>MERVE YAŞA</u></li> <li>• <b>24631 - Preliminary study on the diet of Gray Wolf (<i>Canis lupus</i>) in Central Anatolia</b> <u>ELİF YILDIZ AY</u>, İRFAN ALBAYRAK</li> <li>• <b>24633 - A compilation on the features of <i>Miniopterus schreibersii</i> (Mammalia: Chiroptera) in Turkey</b> <u>TUĞBA SARIÇAM</u>, İRFAN ALBAYRAK</li> </ul>
<p>02 May 2019, Thursday 17:00 - 18:00</p>	<p><b>WELCOME COCKTAIL</b></p>

03 May 2019, Friday	
03 May 2019, Friday 08:30 - 09:00	<b>REGISTRATION / WELCOME</b> MANFRED OSMAN KORFFMANN TROIA CULTURE CENTRE
03 May 2019, Friday 09:00 - 10:15	<b>SESSION 9 - ENVIRONMENTAL STRESS ON BIODIVERSITY</b> <b>Hall 1</b> - Chairman: Assist. Prof. Dr. KEMAL GÖKKAYA <hr/> <ul style="list-style-type: none"> <li>• <b>22732 - Analysis of vegetal biodiversity under saline conditions.</b> <u>ABABOU ADDA, BOUTHIBA ABDEKKADER</u></li> <li>• <b>24174 - Comperative ecophysiological behavior of some Monocotyledonous and Dicotyledonous species to locate water</b> <u>GÜLÇİN İŞİK, SERTAÇ ÖZGÜN, GÜLİN BİLGENOĞLU</u></li> <li>• <b>24229 - Recommendations for determination and conservation of plant Biodiversity of Ladik Limestone Quarry</b> <u>MUSTAFA ERAY BOZYEL, ELİF MERDAMERT BOZYEL</u></li> <li>• <b>24480 - Activity of Hawthorn on reproductive markers of Wistar rat under copper intoxication</b> <u>CHERİF ABDENNOUR, FERİEL REMİTA</u></li> <li>• <b>24526 - Investigation of microplastic pollution in İzmir - Urla Peninsula; a preliminary study</b> <u>BURAK GÖKÇE, FATİH DALDABAN, BURCU ÇAVUŞOĞLU, ATAKAN DALKILIÇ, MUSTAFA KIRAN, SEMA İŞİSAĞ ÜÇÜNCÜ</u></li> </ul> <hr/>
03 May 2019, Friday 09:00 - 10:15	<b>SESSION 10 - CONSERVATION BIOLOGY, POLICY AND STRATEGIES &amp; PROTECTED AREAS</b> <b>Hall 2</b> - Chairman: Prof. Dr. ŞÜKRAN YALÇIN ÖZDİLEK <hr/> <ul style="list-style-type: none"> <li>• <b>23099 - The investigation of the concept of systematic conservation planning in the case of Bozcaada</b> <u>MERVE AKBAŞ, TÜLAY CENGİZ TAŞLI</u></li> <li>• <b>23201 - Key habitat restoration: Gökova Marine Protected Area (MPA) case study</b> <u>ELIZABETH GRACE TUNKA BENGİL, İNCİ TÜNEY KIZILKAYA, VAHİT ALAN, BARIŞ AKÇALI, FETHİ BENGİL</u></li> <li>• <b>23979 - Nanotechnology lessons from nanobiodiversity</b> <u>ERKAN MOZİOĞLU</u></li> <li>• <b>24155 - Karkamış flood plain wetland ecopark project</b> <u>KADİR ARSLAN, BANU GÖKÇEK, PELİN OKKIRAN</u></li> <li>• <b>24486 - Pollen viability and stigma receptivity in a critically endangered endemic <i>Campanula yaltirikii</i></b> <u>CANAN DÜLGEROĞLU, AHMET AKSOY</u></li> </ul> <hr/>
03 May 2019, Friday 09:00 - 10:15	<b>SESSION 11 - AQUATIC (MARINE AND FRESHWATER) BIODIVERSITY</b> <b>HALL 3</b> - Chairman: Prof. Dr. HERDEM ASLAN <hr/> <ul style="list-style-type: none"> <li>• <b>24030 - The comparison of fish community structure in Aegean Sea artificial reef areas</b> <u>ALTAN LÖK, AYTAÇ ÖZGÜL</u></li> </ul>

	<ul style="list-style-type: none"> <li>• <b>24263 - Invertebrate Bycatch composition of shrimp beam trawl fishery in the Sea of Marmara</b> ALİ İŞMEN, HAŞİM İNCEOĞLU, MUKADDER ARSLAN İHSANOĞLU, ENGİN KOCABAŞ, BURAK DABAN, MİNE ÇARDAK, ALPASLAN KARA, CAHİDE ÇİĞDEM YİĞİN, MURAT ŞİRİN</li> <li>• <b>24320 - Is there any imposex formation in the population of banded dye murex (<i>Hexaplex trunculus</i>) collected from the coast of Tuzla in İzmir Bay?</b> AYNUR LÖK, AYSUN KÜÇÜKDERMENCİ, ALİ KIRTIK, EVRİM KURTAY, ALTAN LÖK</li> <li>• <b>24496 - Freshwater ornamental fish in pet stores in Turkey: a threat to biodiversity?</b> GÜREL TÜRKMEN, ONUR KARADAL</li> <li>• <b>24502 - Imported marine decapod species through the ornamental aquarium trade in Turkey</b> ONUR KARADAL, GÜREL TÜRKMEN</li> </ul>
<p>03 May 2019, Friday</p> <p>09:00 - 10:15</p>	<p><b>12 - EFFECTS OF BIODIVERSITY TO HUMAN HEALTH</b> <b>HALL 4</b> - Chairman: Prof. Dr. OKAN ACAR</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23873 - Antimicrobial activity of <i>Allium subhirsutum</i> and <i>Allium staticiforme</i></b> ALİCAN SEMERCİ, DİLEK İNCEÇAYIR, AYŞEGÜL HOŞ, VÜSALE MAMMADOVA, KENAN TUNÇ</li> <li>• <b>24464 - Antimicrobial Activity of Black Mulberry (<i>Morus nigra</i> L.) Syrups on Hospital Isolates</b> DERYA DOĞANAY, BATUHAN CENK ÖZKAN</li> <li>• <b>24453 - Investigation of antioxidant and antimicrobial activities of methanolic extracts of some cones</b> ALİCAN SEMERCİ, HATİCE TUNCA, TUĞBA KONCA, DİLEK İNCEÇAYIR, KENAN TUNÇ</li> <li>• <b>24578 - Antimicrobial activity of different extracts prepared from <i>Laurus nobilis</i> seeds</b> NİLAY MUSTAFA, ALİCAN SEMERCİ, GÖKAY AYDIN, KENAN TUNÇ</li> <li>• <b>23205 - Comparison of olive oil chemical characteristics of some local olive genotypes</b> ESRA RÜVEYDA ÖRNEK, MEHMET ALİ GÜNDOĞDU, MURAT ŞEKER</li> </ul>
<p>03 May 2019, Friday</p> <p>10:15 - 10:25</p>	<p style="text-align: center;"><b>COFFEE BREAK</b></p>
<p>03 May 2019, Friday</p> <p>10:25 - 11:40</p>	<p><b>SESSION 13 - DIVERSITY OF ANIMAL SPECIES, SYSTEMATICS AND PHYLOGENY</b> <b>Hall 1</b> - Chairman: Prof. Dr. CHERİF ABDENNOUR</p> <hr/> <ul style="list-style-type: none"> <li>• <b>22905 - Species abundance and diversity of soil Arthropods in Rajshahi University Campus, Bangladesh</b> SHAH HUSSAİN AHMAD MAHDİ, TASLİMA AKTER SHİLPİ, MEHERUN NESA</li> </ul>



	<ul style="list-style-type: none"> <li>• <b>22937 - The Cephalopods species on the Algerian Coast</b> <u>HANANE KENNOUCHE</u>, AHMED NOUAR</li> <li>• <b>24455 - Wildcat population in Kazdađı Mountain</b> <u>EMRAH ERTUĐRUL</u>, DOĐAN AKDEMİR, HALİL SÜEL, CENNET YILDIRIM</li> <li>• <b>24519 - Habitat preference of <i>Myotis blythii</i> (Lesser mouse-eared myotis) from Eastern Anatolia and Iran</b> <u>NURSEL BAYDEMİR</u></li> <li>• <b>24566 - Behavioral observations and description of nymphs of Jungle nymph <i>Heteropteryx dilatata</i> Parkinson (Phasmatodea, Heteropterygidae)</b> <u>ANNA ŁAZUKA</u>, MARCİN WALCZAK</li> </ul>
<p>03 May 2019, Friday</p> <p>10:25 - 11:40</p>	<p><b>SESSION 14 - DIVERSITY OF PLANT SPECIES, SYSTEMATICS AND PHYLOGENY</b> <b>Hall 2 -</b> Chairman: Prof. Dr. CÜNEYT AKI</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23887 - Phylogenetic relationships between the genera <i>Opopanax</i> and <i>Crenosciadium</i> (Based on two different chloroplast DNA region: matK and trnL-F)</b> <u>TANER ÖZCAN</u>, ÖZLEM ÇETİN, MUSTAFA ÇELİK</li> <li>• <b>23956 - Seed germination studies of <i>Cephalaria gigantea</i> (Ledeb.) Bobrov with ornamental plant potentials</b> <u>BURÇİN ÇINGAY</u>, AŞKIN ÖYKÜ ÇİMEN, SEÇGÜL ÇELİK</li> <li>• <b>24460 - A study on the separation of <i>Rubus hirtus</i> (Rosaceae) as <i>R. hirtus</i> and <i>R. platyphyllos</i></b> <u>GÜLÇİN IŞIK</u>, ERSİN YÜCEL</li> <li>• <b>24468 - Orchid diversity of Çanakkale</b> <u>MUSTAFA ERAY BOZYEL</u>, AHMET GÖNÜZ</li> <li>• <b>24569 - Micromorphology, anatomy and palynology study on Turkish endemic species <i>Cousinia nabelekii</i> (Asteraceae)</b> <u>DENİZ ULUKUŞ</u>, OSMAN TUGAY</li> </ul>
<p>03 May 2019, Friday</p> <p>10:25 - 11:40</p>	<p><b>SESSION 15 - AQUATIC (MARINE AND FRESHWATER) BIODIVERSITY</b> <b>Hall 3 -</b> Chairman: Assoc. Prof. Dr. MİNE ÇARDAK</p> <hr/> <ul style="list-style-type: none"> <li>• <b>24031 - From longline bait to luxury food: a sea cucumber story</b> <u>ALTAN LÖK</u>, AYNUR LOK</li> <li>• <b>24326 - The relationship between fisheries and aquaculture: bait cultivation for recreational fishing</b> <u>AYNUR LOK</u>, ALTAN LÖK</li> <li>• <b>24490 - Is the absence of shelter effective on carapace coloration of red swamp crayfish (<i>Procambarus clarkii</i>)?</b> <u>ONUR KARADAL</u>, GÜREL TÜRKMEN</li> <li>• <b>24493 - The adaptation of pistol shrimp (<i>Alpheus lobidens</i> De Haan, 1849) to marine aquarium</b> <u>GÜREL TÜRKMEN</u>, ONUR KARADAL, EROL ANIL ÇOLAK</li> <li>• <b>24532 - Çorum Obruk Dam lake microbiota in terms of public health: seasonal changes based study</b> <u>GULCİN ALP AVCI</u>, <u>GAMZE CAGATAY</u>, SEDA TERCAN, SAFAK BULUT, EMRE AVCI</li> </ul>

<p>03 May 2019, Friday 10:25 - 11:40</p>	<p><b>SESSION 16 - AGRICULTURAL BIODIVERSITY AND CONSERVATION</b> Hall 4 - Chairman: Doç. Dr. ALİ SUNGUR</p> <ul style="list-style-type: none"> <li>• <b>23866 - Effect of boron on seed germination and seedling growth of safflower (<i>Carthamus tinctorius</i> L.)</b> <u>EMRULLAH CULPAN, BURHAN ARSLAN, HÜSEYİN ÇAKIR</u></li> <li>• <b>23923 - An Investigation of agronomical and technological properties of sesame (<i>Sesamum indicum</i> L.) Crop in Kahramanmaraş ecology</b> <u>LALE EFE, KÜBRA AKPINAR</u></li> <li>• <b>23867 - Role of safflower in reducing vegetable oil deficit in Turkey</b> <u>EMRULLAH CULPAN, BURHAN ARSLAN</u></li> <li>• <b>24381 - Determination of temporal change in land use / cover in Manisa- Akselendi plain and its effect on wetlands</b> <u>KEZBAN ŞAHİN TAYSUN, ALAETTİN TAYSUN</u></li> <li>• <b>24571 - Determination of some morphological and chemical properties of anatolian sage (<i>Salvia fruticosa</i> Mill.) populations in Muğla province</b> <u>SİNEM ELMAS, OLCAY ARABACI, AHMET ZEYBEK</u></li> </ul>
<p>03 May 2019, Friday 11:40 - 11:50</p>	<p style="text-align: center;"><b>COFFEE BREAK</b></p>
<p>03 May 2019, Friday 11:50 - 12:35</p>	<p style="text-align: center;"><b>KEYNOTE SPEAKER</b></p> <p style="text-align: center;"><b>CHONDRICHTHYAN SPECIES OF TURKEY, AS THREATENED SPECIES</b></p> <p style="text-align: center;">Assist. Prof. Dr. ELIZABETH GRACE TUNKA BENGİL</p> <p style="text-align: center;">PROF. DR. SEVİM BULUÇ HALL</p>
<p>03 May 2019, Friday 12:45 - 13:45</p>	<p style="text-align: center;"><b>LUNCH</b></p> <p style="text-align: center;">CAMPUS RESTAURANT</p>
<p>03 May 2019, Friday 13:45 - 14:00</p>	<p style="text-align: center;"><b>COFFEE BREAK</b></p>
<p>03 May 2019, Friday 14:00 - 16:45</p>	<p style="text-align: center;"><b>WORKSHOP</b></p> <p style="text-align: center;"><b>Molecular Diversity Analysis Workshop</b></p> <p style="text-align: center;">Assist. Prof. Dr. İbrahim ÇELİK</p> <p style="text-align: center;">FACULTSY OF SCIENCES AND ARTS - COMPUTER LABORATORY</p>

<p>03 May 2019, Friday</p> <p>14:00 - 15:15</p>	<p><b>SESSION 17 - DIVERSITY OF PLANT SPECIES, SYSTEMATICS AND PHYLOGENY</b> Hall 1 - Chairman: Assoc. Prof. Dr. ÖZER YILMAZ</p> <ul style="list-style-type: none"> <li>• <b>23883 - The morphologic and phenological characteristics of some <i>Cephalaria</i> Schrad. ex Roem. &amp; Schult. taxon naturally found in Turkey</b> BURÇİN ÇINGAY, MAHMUT CAN, BELGİN KANOĞLU</li> <li>• <b>23900 - Flora of Atikhisar dam and its surroundings (Çanakkale-Turkey)</b> OĞULCAN GÜRBÜZ, ERSİN KARABACAK</li> <li>• <b>25069 - The Wild Geophyte Plants of Karaman (Turkey)</b> OSMAN TUGAY, KUDDİSİ ERTUĞRUL</li> <li>• <b>24467 - Flora of Susuz hill and its surroundings (Çanakkale-Turkey)</b> ONUR ESEN, OĞULCAN GÜRBÜZ, ERSİN KARABACAK</li> <li>• <b>24489 - Plant diversity in Karaman province</b> KUDDİSİ ERTUĞRUL, OSMAN TUGAY</li> </ul>
<p>03 May 2019, Friday</p> <p>14:00 - 15:15</p>	<p><b>SESSION 18 - BIOGEOGRAPHY &amp; GLOBAL CLIMATE CHANGE EFFECTS ON BIODIVERSITY</b> Hall 2 - Chairman: Assist. Prof. Dr. KEMAL GÖKKAYA</p> <ul style="list-style-type: none"> <li>• <b>22995 - Changes bio-diversity via holdridge life zones of Turkey</b> HASAN TATLI</li> <li>• <b>24484 - Impacts of climate change on the medicinal plants: a case study of <i>Salvia dorystoechas</i> B.T.Drew</b> AHMET AKSOY, CANAN DÜLGEROĞLU</li> <li>• <b>24536 - Spatial differentiation in tree formation distribution of Kaz Mount</b> BERNA HEPBİLGİN</li> <li>• <b>24723 - Current Distribution of the Mouse-tailed Dormouse (<i>Myomimus roachi</i>, Bate, 1937) in Turkey</b> BEYTULLAH ÖZKAN</li> <li>• <b>24544 - DNA barcoding of Anatolian mountain frogs</b> TUĞBA ERGÜL KALAYCI, NURHAYAT ÖZDEMİR, GÖKHAN KALAYCI</li> </ul>
<p>03 May 2019, Friday</p> <p>14:00 - 15:15</p>	<p><b>SESSION 19 - MICROBIAL BIODIVERSITY (MYCOLOGY, VIROLOGY)</b> Hall 3 - Chairman: Assist. Prof. Dr. ESRA KOÇUM</p> <ul style="list-style-type: none"> <li>• <b>24482 - Fishes in the oasis: Fish community structure in a key biodiversity area</b> LALE GENÇOĞLU, BARAN YOĞURTÇUOĞLU, FİTNAT GÜLER EKMEKÇİ</li> <li>• <b>22565 - Response of soil microbial biodiversity to environmental stresses and implications in sustainable agriculture</b> NOSHİN ILYAS</li> <li>• <b>23696 - The variability of the predominant culturable plant growth-promoting rhizobacterial diversity in the acidic tea rhizosphere soils in the eastern Black Sea region</b> RAMAZAN ÇAKMAKÇI</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>24525 - Isolation and characterisation of <i>Enterococci</i> from raw and processed seafood</b> <u>ONUR KARAALIOĞLU, SİNE ÖZMEN TOĞAY, MİNE ÇARDAK</u></li> </ul>
<p>03 May 2019, Friday 14:00 - 15:15</p>	<p><b>SESSION 20 - AQUATIC (MARINE AND FRESHWATER) BIODIVERSITY</b> <b>Hall 4</b> - Chairman: Dr. HANANE KENNOUCHE-BRADAÏ</p> <hr/> <ul style="list-style-type: none"> <li>• <b>22887 - Fish diversity and landings amounts of Lakes Bafa and Köyceğiz</b> <u>ZAFER TOSUNOĞLU, VAHDET ÜNAL</u></li> <li>• <b>23302 - Determination of freshwater Copepoda (Crustacea) fauna of Balya (Balıkesir/TURKEY)</b> <u>SÜLEYMAN ÇOLAK, ALP ALPER</u></li> <li>• <b>23861 - Monitoring short-term seasonal changes in wetlands: a remote sensing study of Kumkale, Çanakkale (Turkey)</b> <u>MELİS İNALPULAT, LEVENT GENÇ</u></li> <li>• <b>23868 - Distribution of small sized <i>Cyclotella</i> species in the Mediterranean: its relation with climate change</b> <u>NİHAYET BİZSEL, K. CAN BİZSEL</u></li> <li>• <b>23929 - First record of the genus <i>Itunella</i> Brady, 1896 (Copepoda: Harpacticoida: Canthocamptidae) from Turkey with description of a new species</b> <u>ALP ALPER, SERDAR SAK</u></li> </ul>
<p>03 May 2019, Friday 15:15 - 15:30</p>	<p><b>COFFEE BREAK</b></p>
<p>03 May 2019, Friday 15:30 - 16:45</p>	<p><b>SESSION 21 - DIVERSITY OF PLANT SPECIES, SYSTEMATICS AND PHYLOGENY</b> <b>Hall 1</b> - Chairman: Prof. Dr. KUDDİSİ ERTUĞRUL</p> <hr/> <ul style="list-style-type: none"> <li>• <b>24231 - Systematics, ecology and chorology of genus <i>Asplenium</i> L. (Aspleniaceae) in Turkey</b> <u>ERSİN KARABACAK</u></li> <li>• <b>24063 - Seed germinations of 15 wild species growing in Antalya, Turkey, with outdoor ornamental plant potential</b> <u>AYŞE SERPİL KAYA, FATMA UYSAL</u></li> <li>• <b>24508 - Distribution of <i>Hypericum</i> sp. genus in Canakkale</b> <u>BERRAK DAMLA YAĞAN</u></li> <li>• <b>24509 - Some biological properties of <i>Lathyrus undulatus</i> Boiss. (Fabaceae)</b> <u>EMEKCAN HEKİMOĞLU, ÖZER YILMAZ</u></li> <li>• <b>24513 - Some biological properties of <i>Alyssum kaynakiae</i> Yılmaz (Brassicaceae)</b> <u>CEREN AKTÜRK, ÖZER YILMAZ</u></li> </ul>

<p>03 May 2019, Friday 15:30 - 16:45</p>	<p><b>SESSION 22 - BIODIVERSITY, LANDSCAPE, TOURISM</b>  <b>HALL 2</b> - Chairman: Assist. Prof. Dr. FEHİME SEVİL YALÇIN</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23274 - The Lake of Burdur in the context of conservation status: Problems and suggestions</b>  <u>MÜRÜVVET MERVE YILDIZHAN</u></li> <li>• <b>23913 - Sustainable landscape certificates as a biodiversity conservation approach in urban areas</b>  <u>BERİVAN EREN, TÜLAY CENGİZ TAŞLI, BURÇAK ŞAHİNOĞLU</u></li> <li>• <b>23914 - Determination of potential areas for ecotourism in Bozcaada with CBS</b>  <u>BURÇAK ŞAHİNOĞLU, TÜLAY CENGİZ TAŞLI, BERİVAN EREN</u></li> <li>• <b>24206 - Spring festival in Gaziantep</b>  <u>KADİR ARSLAN, BANU GÖKÇEK, PELİN OKKIRAN, ESRA KILIÇ, ÜLKER ÖMÜR</u></li> <li>• <b>24535 - Evaluation of landscape flora in the parks and gardens of Uşak province</b>  <u>MEHTAP DÖNMEZ ŞAHİN</u></li> </ul> <hr/>
<p>03 May 2019, Friday 15:30 - 16:45</p>	<p><b>SESSION 23 - DIVERSITY OF ANIMAL SPECIES, SYSTEMATICS AND PHYLOGENY</b>  <b>HALL 3</b> - Chairman: Prof. Dr. ALİ İŞMEN</p> <hr/> <ul style="list-style-type: none"> <li>• <b>22911 - Commercial fish species captured in the Gediz Delta (Aegean Sea, Turkey)</b>  <u>ZAFER TOSUNOĞLU, M. HAKAN KAYKAÇ, HURİYE GÖNCÜOĞLU, CELALETTİN AYDIN</u></li> <li>• <b>23799 - Comparison of CPUE of four different mesh Codends in the Aegean Sea demersal trawl fishery</b>  <u>CELALETTİN AYDIN, MEHMET CİLBİZ, ZAFER TOSUNOĞLU</u></li> <li>• <b>24340 - Pelagic gill net trials for sword fish (<i>Xiphias gladius</i> L, 1758)</b>  <u>Ali ULAŞ</u></li> <li>• <b>24564 - Obruk Dam lake water quality's physicochemical evaluation</b>  <u>EMRE AVCI, SEDA TERCAN, YAREN NİDA TİRYAKI, GÜLÇİN ALP AVCI, ŞAFAK BULUT</u></li> <li>• <b>24585 - The biogeochemical process associated with carbonate precipitation in west and east basins of Black Sea</b>  <u>EBRU YEŞİM ÖZKAN, HASAN BAHA BÜYÜKİŞİK, ÖZGE BUYURGAN</u></li> </ul> <hr/>
<p>03 May 2019, Friday 15:30 - 16:45</p>	<p><b>SESSION 24 - AGRICULTURAL BIODIVERSITY AND CONSERVATION &amp; AQUATIC BIODIVERSITY</b>  <b>HALL 4</b> - Chairman: Prof. Dr. OKAN ACAR</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23862 - Performance testing of sentinel-2 for olive habitat discrimination in pilot area</b>  <u>MELİS İNALPULAT, LEVENT GENÇ</u></li> <li>• <b>21847 - Improving the growth yield, floral traits and soil ecology by Endomycorrhizal fungi on <i>Chrysanthemum indicum</i> (L.) along</b></li> </ul>

with *Pseudomonas fluorescens* and/or *Trichoderma viride*  
ISHAN SAINI, ASHOK AGGARWAL

- **24491 - Evaluation of water quality in Turkey lakes with some environmental parameters and biotic indices: a case study in Lakes Mogan and Sapanca**

NAİME ARSLAN, DENİZ MERCAN, SEVİL PİLATİN

- **24608 - Regeneration of in vitro conditions of *Medicago sativa* trade and local cultivars**

BÜŞRA YAZICILAR, FATMA BÖKE, SERAP KARAMAN, BEYZA REİSOĞLU, İSMAİL BEZİRGANOĞLU

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03 May 2019,  
Friday  
19:00 - 22:00

**GALA DINNER**  
DABAKOĞLU RESTAURANT

04 May 2019, Saturday	
04 May 2019, Saturday  09:00 - 09:30	<b>REGISTRATION / WELCOME</b> MANFRED OSMAN KORFFMANN TROIA CULTURE CENTRE
04 May 2019, Saturday  09:30 - 10:45	<b>SESSION 25 - ECOSYSTEM APPROACH</b> <b>Hall 1</b> - Chairman: Assist. Prof. Dr. NESLİHAN DEMİR <hr/> <ul style="list-style-type: none"> <li>• <b>23875 - The role of city squares in the urban ecosystem</b> <u>CEREN SÖNMEZ, TÜLAY CENGİZ TAŞLI</u></li> <li>• <b>24487 - Ecophysiological effects of secondary wastewater from constructed wetland system on <i>Solanum lycopersicum</i> H2274 variety seeds</b> <u>GÜLÇİN IŞIK, ÇAĞDAŞ SAZ, ONUR CAN TÜRKER, ANIL YAKAR, CENGİZ TÜRE</u></li> <li>• <b>24548 - The functional group diversity of macroinvertebrates under influence of flood control treatment in Kepez stream</b> <u>HATİCE SOYLEMEZ, ŞÜKRAN YALÇIN ÖZDİLEK</u></li> <li>• <b>24488 - Effects of secondary wastewater from constructed wetland system on antioxidant enzymes of <i>Solanum lycopersicum</i> H2274 variety seedlings</b> <u>GÜLÇİN IŞIK, ÇAĞDAŞ SAZ, ONUR CAN TÜRKER, ANIL YAKAR, CENGİZ TÜRE</u></li> <li>• <b>24567 - Subsurface tile drained area detection using GIS and remote sensing in an agricultural watershed</b> <u>KEMAL GÖKKAYA, MILAN BUDHATHOKI, SHEİLA CHRISTOPHER, BRİTTANY HANRAHAN, JENNİFER TANK</u></li> </ul> <hr/>
04 May 2019, Saturday  09:30 - 10:45	<b>SESSION 26 - AGRICULTURAL BIODIVERSITY AND CONSERVATION</b> <b>HALL 2</b> - Chairman: Prof. Dr. CÜNEYT AKI <hr/> <ul style="list-style-type: none"> <li>• <b>23202 - Comparison of pomological characteristics of some local olive genotypes</b> <u>ESRA RÜVEYDA ÖRNEK, MEHMET ALİ GÜNDOĞDU, MURAT ŞEKER</u></li> <li>• <b>23255 - Comparison of total lipid contents and fatty acid components of some pecan varieties</b> <u>NURGÜL BODUR, MEHMET ALİ GÜNDOĞDU, MURAT ŞEKER</u></li> <li>• <b>23865 - Comparison of pomological characteristics of different olive varieties grown in organic cultivation in Çanakkale-Geyikli ecological conditions</b> <u>ALİ UYAR, MEHMET ALİ GÜNDOĞDU, MURAT ŞEKER</u></li> <li>• <b>23915 - The effect of intermittent warming applications on the preservation of the "Hicaznar" (<i>Punica granatum</i> L.) cultivar</b> <u>SALMAN KABAYEL, NESLİHAN EKİNCİ</u></li> <li>• <b>24211 - Preliminary results of phenological and pomological characteristics of persimmon (<i>Diospyros kaki</i>) cultivars grafted on <i>Diospyros lotus</i> rootstock in Çanakkale district</b> <u>EMRE NURDAN, NEŞE YILDIZ, ENGİN GÜR, MURAT ŞEKER</u></li> </ul> <hr/>

<p>04 May 2019, Saturday</p> <p>09:30 - 10:45</p>	<p><b>SESSION 27 - ENVIRONMENTAL STRESS ON BIODIVERSITY</b> <b>HALL 3</b> - Chairman: Prof. Dr. OKAN ACAR</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23864 - Importance of environmental factors in the regulation of Diatom life processes</b> <u>SEZGİ ADALIOĞLU</u></li> <li>• <b>24472 - Effects of irrigation water stress on morphologic characteristics of corn (<i>Zea mays Indendata</i>)</b> <u>EKREM YÜCE, İSMAİL TAŞ</u></li> <li>• <b>24543 - Threats on the population of Dahl's Jird (<i>Meriones dahl</i>) species</b> <u>KADİR ULUSOY, SAFAK BULUT</u></li> <li>• <b>24201 - Comparison of <i>in vitro</i> regeneration and germination capacities of gluten-free and local wheat varieties</b> <u>ESRA ÜST, CÜNEYT AKI</u></li> </ul> <hr/>
<p>04 May 2019, Saturday</p> <p>09:30 - 10:45</p>	<p><b>SESSION 28 - ENVIRONMENTAL TOXICOLOGY &amp; BIOMONITORING &amp; POPULATION ECOLOGY</b> <b>HALL 4</b> - Chairman: Prof. Dr. VAHDET ÜNAL</p> <hr/> <ul style="list-style-type: none"> <li>• <b>22649 - The importance of stone marten, <i>Martes foina</i> (Mustelidae, Carnivora) in terms of Zookori</b> <u>AHMET SELÇUK ÖZEN</u></li> <li>• <b>23100 - Investigation of hemoglobin and hematocrit values in aquatic (<i>Mauremys rivulata</i>) and terrestrial (<i>Testudo graeca</i>) turtle species distributed in Çanakkale</b> <u>TİLA ÖZMEN, MURAT TOSUNOĞLU</u></li> <li>• <b>23851 - Environmental effects of geothermal fluid: a case study from Kestanbol, NW Turkey</b> <u>HARİKA MARMARA, DENİZ ŞANLIYÜKSEL YÜCEL, SÜHA ÖZDEN</u></li> <li>• <b>24099 - Histo-toxic effects of Imidacloprid on ovary tissue of zebrafish (<i>Danio rerio</i>)</b> <u>CANSU AKBULUT</u></li> <li>• <b>24528 - Development of environmentally friendly insulation material</b> <u>NURCAN BERBER, AHMET ALİ BERBER</u></li> </ul> <hr/>
<p>04 May 2019, Saturday</p> <p>10:45 - 11:00</p>	<p style="text-align: center;"><b>COFFEE BREAK</b></p>
<p>04 May 2019, Saturday</p> <p>11:00 - 12:15</p>	<p><b>SESSION 29 - AQUATIC (MARINE AND FRESHWATER) BIODIVERSITY</b> <b>HALL 1</b> - Chairman: Prof. Dr. HERDEM ASLAN</p> <hr/> <ul style="list-style-type: none"> <li>• <b>23855 - Recent findings of a rare sharks, <i>Squatina oculata</i> and <i>Squatina squatina</i> (Chondrichthyes: Squatinidae), from Gökçeada Island NE Aegean Sea, Turkey</b> <u>CAHİDE ÇİĞDEM YIĞIN, ALİ İŞMEN, BURAK DABAN, KORAY CABBAR</u></li> <li>• <b>24122 - Macrobiological inventory of the Foça Marine and Coastal Protected Area</b></li> </ul>



	<p><u>HARUN GÜÇLÜSOY</u>, BARIŞ AKÇALI, GÜNER ERGÜN, KEMAL CAN BİZSEL, ELİF CAN YILMAZ, BÜLENT CİHANGİR, MURAT BİLECENOĞLU, HERDEM ASLAN, REMZİ KAVCIOĞLU, ZEYNEP DERYA YILDIRIM ÖZATA, GÖKHAN KABOĞLU</p> <ul style="list-style-type: none"> <li>• <b>24156 - Baseline study for the monitoring of fish assemblages in the construction layout of the jetties, Nemrut Bay</b> KEMAL CAN BİZSEL, BARIŞ AKÇALI, VAHİT ALAN, SELCEN ÖNAL, <u>HARUN GÜÇLÜSOY</u></li> <li>• <b>24452 - Spatiotemporal distribution of demersal fauna in the Sea of Marmara</b> ALİ İŞMEN, MURAT ŞİRİN, <u>CAHİDE ÇİĞDEM YİĞİN</u>, BURAK DABAN, ALPASLAN KARA, MUKADDER ARSLAN İHSANOĞLU, AHMET ÖKTENER, HAŞİM İNCEOĞLU, KORAY CABBAR, ENGİN KOCABAŞ, GÜRKAN ALİ YAZICI</li> <li>• <b>24591 - Challenges for sustainable commercial fish diversity and fisheries in Gökova Special Environmental Protection Area, Turkey</b> <u>VAHDET ÜNAL</u>, ZAFER TOSUNOĞLU</li> </ul>
<p>04 May 2019, Saturday  11:00 - 12:15</p>	<p><b>SESSION 30 - MICROBIAL BIODIVERSITY (MYCOLOGY, VIROLOGY)</b> <b>HALL 2</b> - Chairman: Assist. Prof. Dr. TÜLAY BİCAN SÜERDEM</p> <ul style="list-style-type: none"> <li>• <b>23089 - Detection and molecular characterization of viruses infecting canola (<i>Brassica napus</i>) in Çanakkale and Tekirdağ provinces in Turkey</b> <u>ALİ KARANFİL</u>, SAVAŞ KORKMAZ</li> <li>• <b>24463 - Antibacterial activity of <i>Eisenia fetida</i> coelomic fluid against Bacteria caused to disease</b> <u>İLKE KARAKAŞ</u>, BİNNUR MERİÇLİ YAPICI</li> <li>• <b>24504 - Bacterial biodiversity in the Sea of Marmara</b> GÜLŞEN ALTUĞ, <u>MİNE ÇARDAK</u>, PELİN SALİHA ÇİFTÇİ TÜRETKEN</li> <li>• <b>24590 - Total coliform, yeast-mold and mesophilic aerobic microorganisms investigation of door handles of Sakarya University Faculty of Arts and Sciences</b> <u>ZELİHA SELİM</u>, ALİCAN SEMERCİ, KENAN TUNÇ</li> </ul>
<p>04 May 2019, Saturday  11:00 - 12:15</p>	<p><b>SESSION 31 - BIODIVERSITY FOR NUTRITION AND FOOD SECURITY</b> <b>HALL 3</b> - Chairman: Assist. Prof. Dr. KEMAL GÖKKAYA</p> <ul style="list-style-type: none"> <li>• <b>24483 - The impact of NGOs' on the protection of agricultural biodiversity in Turkey</b> <u>ZERRİN ÇELİK</u>, TAYFUN ÖZKAYA</li> <li>• <b>22556 - Determination of total carotenoid amount of <i>Donax trunculus</i> (Linnaeus, 1758) on Black Sea coast in Turkey</b> BAYRAM KIZILKAYA, <u>EVREN TAN</u></li> <li>• <b>22865 - HPLC application and method development for simultaneous determination of water-soluble vitamins and organic acids</b> <u>BAYRAM KIZILKAYA</u></li> </ul>

	<ul style="list-style-type: none"> <li>• <b>22912 - Method validation for determination of pirimiphos-methyl residue in pepper by QuEChERS method</b> <u>HAYRİYE ÇATAK, BURAK POLAT, OSMAN TIRYAKI</u></li> <li>• <b>23817 - The effects of nutritional biodiversity on intestinal microbiota</b> <u>ELİF SAVAS</u></li> </ul>
<p>04 May 2019, Saturday</p> <p>11:00 - 12:15</p>	<p><b>SESSION 32 - AGRICULTURAL BIODIVERSITY AND CONSERVATION &amp; DIVERSITY OF ANIMAL SPECIES, SYSTEMATICS AND PHYLOGENY</b> <b>HALL 4 - Chairman: Prof. Dr. ZAFER TOSUNOĞLU</b></p> <ul style="list-style-type: none"> <li>• <b>23824 - Preliminary study of endemic plants in Çanakkale (Turkey)</b> <u>ERSİN KARABACAK, OĞULCAN GÜRBÜZ, ONUR ESEN</u></li> <li>• <b>24108 - Determination of antimicrobial and antibiofilm activity of <i>in vitro</i>-propagated plants of endemic <i>Digitalis trojana</i> Ivanina</b> <u>NURCİHAN HACIOĞLU DOĞRU, NURŞEN ÇÖRDÜK</u></li> <li>• <b>24520 - The amphibian and reptile richness and expanding of their distribution areas in Çanakkale province</b> <u>MURAT TOSUNOĞLU, ÇİĞDEM GÜL, İBRAHİM UYSAL, BENGİ BAYCAN</u></li> <li>• <b>24580 - Influence of plant growth regulators on antimicrobial and antibiofilm activities of <i>in vitro</i> propagated plants of <i>Silene bolanthis</i> Quézel Contandr. &amp; Pamukç.</b> <u>NURCİHAN HACIOĞLU DOĞRU, NURŞEN ÇÖRDÜK</u></li> </ul>
<p>04 May 2019, Saturday</p> <p>12:15 - 12:45</p>	<p><b>CLOSING CEREMONY</b> <b>HALL 1</b></p>

# POSTER PRESENTATIONS

02 May 2019, Thursday

02 May 2019,  
Thursday

**POSTER SESSION 1**  
POSTER HALL

14:00 - 16:45

- **22787 - Effect of gibberellic acid, chilling, salinity, acid treatments and active carbon on seed germination of *Calendula officinalis* L. and *Calendula arvensis* L. species**  
NERGİS KAYA, CÜNEYT AKI
- **22788 - Determination of caffeic acid and beta carotene amount in the Leaves of *Calendula officinalis* and *Calendula arvensis* species grown under *in vivo* and *in vitro* condition**  
NERGİS KAYA, CÜNEYT AKI
- **22797 - Contribution to the study of the diversity of phytopathogenic fungi affecting the date palm**  
ZEHİRA BOUZİANE, DEHİMAT LAİD, KACEM CHAOUCH NORDDİNE
- **22929 - Presence of *Chondracanthus zeii* Heller, 1865 (Copepoda: Chondracanthidae) from the Sea of Marmara, Turkey**  
AHMET ÖKTENER, MURAT ŞİRİN
- **22930 - Mediterrean endemic parasitic isopod *Anuropodione amphiandra* (Codreanu, Codreanu & Pike, 1966) n. comb. (Crustacea: Isopoda: Bopyridae) from Turkey**  
CHRISTOPHER BOYKO, JASON D. WILLIAMS, AHMET ÖKTENER
- **22940 - Effects of ectoparasites on reproductive performance, parental feeding behavior and nestling growth of the Atlas Flycatcher (*Ficedula speculigera*) in Algeria**  
BOUDEFFA KHALED
- **23194 - Temporal variation of the soil carbon and nitrogen contents of olive pomace (OP), green walnut husk (GWH) and compost applied soils**  
ORHUN BERK GÜVEN, YASEMİN KAVDIR
- **23520 - Temporal and spatial distributions of Copepod community near the Algerian coast (SW Mediterranean Sea)**  
LİLİA MELLAĞ, AZİZ HAFERSSAS
- **23625 - Herpetofaunal richness of the Büyükçekmece Lake basin (Büyükçekmece/İstanbul)**  
ERMAN AKIN, ÇİĞDEM GÜL
- **23661 - The Herpetofaunal Richness of Çanakkale Onsekiz Mart University Terzioğlu Campus**  
MURAT TOSUNOĞLU, ÇİĞDEM GÜL, BENGİ BAYCAN, HAZAL BİLGİN, İBRAHİM UYSAL, CEREN NUR ÖZGÜL
- **23899 - Ornithofauna of Sakarya (Turkey)**  
FEHMİ YILDIZ, ALİ UZUN
- **23901 - Ornithofauna of Kocaeli (Turkey)**  
FEHMİ YILDIZ, ALİ UZUN
- **23921 - Distribution and infestation ratio of *Palpita unionalis* Hübner (Lep.: Pyralidae) in olive orchards in Çanakkale province**  
HÜRKAN ATAŞ, ÇİĞDEM GÖZEL, UĞUR GÖZEL

- **23926 - The second notification of the presence in a plant litter of *Stigmaeus furcatus* (Acari: Stigmaeidae)**  
SALİH DOĞAN, SİBEL DOĞAN
- **23937 - Comparison of various agar media Used in microfungi isolation in terms of sampling method and time**  
SYHEJLA MIFTARI, BURHAN ŞEN
- **24238 - Effects of different alkaline metal salts (NaCl, KNO<sub>3</sub>) and acid concentrations (HCl, H<sub>2</sub>SO<sub>4</sub>) on the germination of *Eucalyptus camaldulensis* Dehnh. seeds**  
GÜLÇİN IŞIK, MURAT ARDIÇ, OKAN SEZER, MUCAHİT SAMET ŞAHİN
- **24240 - Determination of ecophysiological parameters of different wheat varieties according to commercial fertilizer application**  
MURAT ARDIÇ, OKAN SEZER, GÜLÇİN IŞIK, MURAT OLGUN, ÜMMÜŞEN GÖKÇEN, ŞAFAK ZEYBEK
- **24450 - A preliminary study on spider fauna of Çanakkale Onsekiz Mart University**  
HAYRİ KORU, MURAT TOSUNOĞLU
- **24495 - A general overview on the family Pholcidae (Arachnida: Araneae) in Turkey**  
NERGİZ KARADUMAN
- **24497 - Ornithofauna of Gallipoli Peninsula and variation of diversity indexes in monthly periods**  
İBRAHİM UYSAL, MURAT TOSUNOĞLU
- **24523 - The contribution of desert rodents in the understanding of the climatic adaptation: morpho-physiological data**  
OUALİ-HASSENAOUI SALİHA, DEKAR -MADOUİ AİCHA
- **24530 - The shrew *Crocidura russula*, a useful model for studying the link between the circadian rhythm and aging**  
DEKAR -MADOUİ AİCHA, BESSEAU LAURENCE, MAGNANOU ELODİE, OUALİ-HASSENAOUI SALİHA, FALCON JACK
- **24542 - Wintering bird populations in Obruk Dam lake (Çorum)**  
KADİR ULUSOY, NECMİYE ŞAHİN ARSLAN, ŞAFAK BULUT, MERVE AŞICI, YETER KAT, SEDA ULEMA
- **24561 - Karyological and distribution study of *Rhinolophus ferrumequinum*, *Myotis blythii*, *Miniopterus schreibersii* and *Pipistrellus kuhlii* (Chiroptera: Rhinolophidae, Vespertilionidae and Miniopteridae) from Hamadan province in Iran**  
NURSEL BAYDEMİR
- **24632 - Geographical ranges of *Canis lupus* (Wolf) in the World**  
ELİF YILDIZ AY, İRFAN ALBAYRAK
- **24634 - Some mammalian traces in the field**  
TUĞBA SARIÇAM, İRFAN ALBAYRAK

03 May 2019,  
Friday

09:00 - 11:40

**POSTER SESSION 2**  
POSTER HALL

- **22758 - Effect of temperature on the water adsorption of the food powder**  
TOUNSI AKSİL, MOUSSA ABBAS
- **23091 - Observations on *Datura stramonium* L. and morphological characteristics of a new economic value for Çanakkale province**  
AYŞEN ŞAHİN, AHMET GÖNÜZ
- **23151 - Flower and pollen variations in alfalfa (*Medicago sativa* L.) M3 mutants**  
ÇAĞLAR KAYA, BESTE CELEP, İSKENDER TİRYAKİ
- **23152 - The effects of some medicinal-aromatic plant extracts on germination performance of lentil (*Lens culinaris* Medik.) Genotypes**  
BESTE CELEP, ENES GÖKHAN YILMAZ, ÇAĞLAR KAYA, ERMAN ÇAVUŞOĞLU, SELÇUK ÇETİN, İSKENDER TİRYAKİ
- **23195 - Determination of local hulled einkorn (*Triticum monococcum* L.) genotype differences by molecular markers**  
ENES GÖKHAN YILMAZ, UĞUR SARI, SELÇUK ÇETİN, ÇAĞLAR KAYA, İSKENDER TİRYAKİ
- **23236 - Molecular identification of *Zaprionus tuberculatus* (Diptera: Drosophilidae) in Çanakkale, Turkey**  
AKIN KUYULU, SEDA YÜCEL, HANİFE GENÇ
- **23237 - Comparison of the laboratory performance of two populations of Mediterranean fruit fly, *Ceratitis capitata* (Wiedemann) (Diptera:Tephritidae)**  
LOURINE JEKE, SEDA YÜCEL, AKIN KUYULU, HANİFE GENÇ
- **23270 - Morphological characterization of some common vetch (*Vicia sativa* L.) mutants**  
ERMAN ÇAVUŞOĞLU, ÇAĞLAR KAYA, SELÇUK ÇETİN, İSKENDER TİRYAKİ
- **23405 - Geophyte of the Acarlar Longoz (Floodplain) and its environment**  
DİDEM KARADUMAN, MEHMET SAĞIROĞLU
- **23481 - Preliminary results on the feeding habits of hake (*Merluccius merluccius* (Linnaeus, 1758) in the Hellenic Seas**  
PARASKEVİ KARACHLE, AIKATERİNİ DOGRAMMATZI
- **23488 - Contributions to flora of Kocaçay (Bursa) and its surroundings**  
SERAP DALGIÇ, SEZEN TOKSOY KÖSEOĞLU, SELAMİ SELVİ
- **23723 - Bird deaths in Turkey**  
YAKUT CAN AŞIKOĞLU, İBRAHİM UYSAL, MURAT TOSUNOĞLU
- **23889 - An investigation of the specimens of ferns and fern allies in the CBB Herbarium**  
SAADET İŞLEK, OĞULCAN GÜRBÜZ, ERSİN KARABACAK
- **23931 - Effects of heavy metal contamination on entomopathogenic Nematodes (Steinernematidae and**

**Heterorhabditidae) in soil**

ÇİĞDEM GÖZEL, ALI SUNGUR, UĞUR GÖZEL

- **23970 - Determination of changes in yield and quality characteristics of Bozcaada Çavuşu grape variety pollinated with Vasilaki and Karasakız (Kuntra) grape varieties**  
ESRA ŞAHİN, ALPER DARDENİZ
- **24073 - Cryopreservation of somatic embryos as a tool for conservation of olive biodiversity**  
BRADAİ FATİHA, CAROLINA SÁNCHEZ ROMERO
- **24090 - Soil properties of some natural flower bulbs distributed in rural area of Antalya**  
SABRIYE ATMACA, FATMA UYSAL, FİLİZ ÖKTÜREN
- **24235 - A research on some economic and botanical characteristics of *Euphorbia anacampseros* Boiss. var. *anacampseros* taxon**  
GİZEM TUTGUN, AHMET GÖNÜZ
- **24236 - An analysis of specimens in the Çanakkale Botanic Garden Herbarium (CBB)**  
OĞULCAN GÜRBÜZ, CAN BERK AKÇİL, SERAP BAYRAM, HİLAL TOP, BUKET KARAMAN, NECDET YALÇIN, TUĞÇE YİRCİ, ERSİN KARABACAK
- **24292 - Ornithofauna of Çanakkale Onsekiz Mart University Terzioğlu Campus and habitat preferences of winter visitors bird species**  
YAKUT CAN AŞIKOĞLU, İBRAHİM UYSAL, MURAT TOSUNOĞLU
- **24454 - Edible wild species of the Mediterranean region**  
ESRA ALIM
- **24516 - Determination of weeds and Aphids (Hemiptera: Aphididae) in apple orchards of Bayramiç district (Çanakkale) 1**  
SABRIYE ŞEN, ALİ ÖZPINAR
- **24531 - Effect of different hues of blue basin traps at different heights on apple blossom beetle *Epicometis hirta* (Poda) (Coleoptera: Scarabaeidae) captures in peach orchards of Çanakkale province**  
İBRAHİM ERBAY, ALİ ÖZPINAR
- **24538 - Hibernation ecology of three different ground squirrel species (*Spermophilus xanthoprymnus*, *Spermophilus taurensis*, *Spermophilus citellus*) distributed in Turkey**  
SAFAK BULUT, EMRE AVCI, KADİR ULUSOY, MÜJDE FISTIK, ŞEYDA ÇINAR, ÖZNUR KÜREK
- **24540 - Chromosome banding analysis of three different ground squirrel species (*Spermophilus xanthoprymnus*, *Spermophilus taurensis*, *Spermophilus citellus*) distributed in Turkey**  
SAFAK BULUT, ŞAKİR ÖNDER ÖZKURT, EMRE AVCI, BURHAN ÖZKILIÇ, ELİF SANCAK
- **24560 - Germination of the seeds of *Orchis sancta* in symbiotic culture medium (Orchidaceae)**  
BURCU TURGUT
- **24522 - Freshwater fishes of Sakarya Province (Turkey): Conservation status and threats**  
SERİFE GÜLSÜN KIRANKAYA, LALE GENÇOĞLU

03 May 2019,  
Friday

14:00 - 16:45

**POSTER SESSION 3**  
POSTER HALL

- **22745 - Ameliorating effect of *Boswellia* resin (Frankincense) on hyperglycemia and lipid disturbances of Streptozotocin induced-diabetes in rat**  
OUASSİLA AOUACHERİ, AMEL KHEROUF, SAAD SAKA
- **22780 - Phenolic profile of grape seed and skin extract "*Vitis Vinifera*" and anti-obesity effect on rat**  
KARİMA LAHBİB, MAROUA AKACHA, MARTA FRANCISCO, NEZİHA GHANEM
- **22935 - A study on the determination of zinc, iron, magnesium and potassium contents in brown trout (*Salmo trutta* Linnaeus, 1758)**  
ÖZGÜR CENGİZ, BAYRAM KIZILKAYA, ŞÜKRÜ ŞENOL PARUĞ
- **23154 - Determination of the effect of body size on the haematological parameters in the species *Natrix tessellata* (Tessellated water snake) distributed in Çanakkale (Turkey)**  
ÇİĞDEM GÜL, MURAT TOSUNOĞLU, HAZAL BİLGİN, BENGİ BAYCAN, BEGÜM BORAN, DİDEM KURTUL
- **23164 - The Spermatozoa velocities of guppy, *Poecilia reticulata***  
SELAHATTİN GÜRÇAY, MUSTAFA ERKAN ÖZGÜR
- **23203 - Variation among the isolates of *Fusarium culmorum* in the Çanakkale Province**  
FİGEN MERT
- **23570 - Evaluation of antimicrobial and antibiofilm activity of *Fomes fomentarius* (L.) Fr.**  
EYLÜL İREM İREZ, NURCİHAN HACIOĞLU DOĞRU
- **23815 - Antimicrobial activity of two *Verbascum* species**  
MEHMET GÖSE, NURCİHAN HACIOĞLU DOĞRU
- **23822 - Investigation of some biological activities of *Dichodontium pellucidum* (Hedw.) Schimp.**  
ÖZLEM BAKSI, NURCİHAN HACIOĞLU DOĞRU, NESLİHAN DEMİR, GÜRAY UYAR
- **23854 - Characterization and potential applications of heterotrophic Bacteria inhabit nickel rich soils in Çanakkale, Turkey**  
FURKAN ÖZTÜRK, NURCİHAN HACIOĞLU DOĞRU
- **23906 - Eunis marine benthic habitat classification system**  
ZEYNEP TEKELİ, HERDEM ASLAN
- **23909 - Determination of some biochemical blood parameters of the black seabream (*Spondyliosoma cantharus*)**  
MUAMMER AKDENİZ, EKREM ŞANVER ÇELİK
- **24080 - Comparison of some virulence properties in two different snake species**  
NURCİHAN HACIOĞLU DOĞRU, ÇİĞDEM GÜL, MURAT TOSUNOĞLU
- **24096 - Seasonal distribution of *Bivalvia* fauna in upper infralittoral region of Gökçeada**  
AYŞE KARPUSOĞLU, HERDEM ASLAN

- **24462 - Risks of exotic freshwater fishes on the native species *Barbus setivimensis* (Keddara dam, Algeria).**  
ATTOU FOUZIA, ARAB ABDESLEM
- **24465 - Biomonitoring of air pollution and lichen biodiversity on three Algerian forests**  
BOUAOUD FATHI, ATTOU FOUZIA, GHENAM KAMEL
- **24471 - The cephalopods recorded on the Algerian coast (Southwestern Mediterranean Sea)**  
ABDELMOUMENE GUEDIOURA, BOUKROUFA FAYCAL, REBZANI-ZAHAF CHAFIKA
- **24506 - Mass and shape asymmetry in the otoliths from two local populations of *Pagellus erythrinus***  
MARWA MEJRİ, JMİL IMEN, ABDELLAH CHALH, JEAN-PIERRE QUIGNARD, MONIA TRABELSI
- **24529 - Investigation of antibacterial activity of *Origanum vulgare*, *Laurus nobilis* L. and *Rosmarinus officinalis* essential oils against four different food pathogenic bacteria**  
SİNEM GİZEM CANDAN, BİNNUR MERİÇLİ YAPICI
- **24533 - Otolith shape variability and asymmetry fluctuating of *Pagellus erythrinus*, Linnaeus, 1758 in the Gulf of Hammamet**  
MARWA MEJRİ, JMİL IMEN, ABDELLAH CHALH, JEAN-PIERRE QUIGNARD, MONIA TRABELSI
- **24545 - Antibiotic resistance profiles of beta hemolytic Streptococci isolated from patients with tonsillopharyngitis**  
MEHZAT ALTUN, BİNNUR MERİÇLİ YAPICI
- **24556 - Otolith morphological study of two pelagic species *Boops boops* and *Pagellus erythrinus* (Linnaeus, 1758) (Actinopterygii: Perciformes : Sparidae) in Tunisian water**  
WİDED BAKKARİ, MARWA MEJRİ, ABDELLAH CHALH, JEAN-PIERRE QUIGNARD, MONIA TRABELSI
- **24557 - Shape and asymmetry differences between two pelagic and benthic species *Trachurus trachurus* and *Mullus surmuletus* (Linnaeus, 1758) in Bizerte sea**  
WİDED BAKKARİ, MARWA MEJRİ, ABDELLAH CHALH, JEAN-PIERRE QUIGNARD, MONIA TRABELSI
- **24570 - Water potential impacts germination of arbuscular mycorrhizal fungi under in vitro culture conditions and induces different strain responses**  
OLİVİA LE PİOUFLE, MARYLINE CALONNE-SALMON, STEPHANE DECLERCK
- **24473 - Effect of irrigation water stress on yield of popcorn (*Zea mays* Everta)**  
ZAKİR KULELİ, İSMAİL TAŞ
- **24478 - Effects of irrigation water stress on corn silage quality**  
ÖZEN KOBAK, İSMAİL TAŞ
- **24666 - Vegetative Growth and Astaxanthin Accumulation of *Haematococcus pluvialis* with Flue Gas**  
CUMALİ CEMGİL ŞEVİK, TOLGA GÖKSAN



04 May 2019,  
Saturday

09:30 - 12:15

**POSTER SESSION 4**  
POSTER HALL

- **24501 - The effect of different harvest times on volatile aroma compounds in black myrtle (*Myrtus communis* L.) Fruits**  
ESRA ALIM, HALİL İBRAHİM UZUN, ORÇUN ÇINAR
- **22539 - Comparison and evaluation of the indicator amino acids of gelatine obtained from sea bream and sea bass**  
NAİL ÜÇYOL, BAYRAM KIZILKAYA
- **22540 - Determination and comparison of essential fatty acids in some cultured fish skin**  
NAİL ÜÇYOL, BAYRAM KIZILKAYA
- **22557 - Determination of mineral composition on shell structure of bivalve by Scanning Electron Microscope (SEM) and Energy Dispersive Spectroscopy (EDS) analysis**  
BAYRAM KIZILKAYA, EVREN TAN
- **22866 - Investigation of some mineral contents in cultured albino rainbow trout (*Oncorhynchus mykiss* Walbaum, 1792)**  
BAYRAM KIZILKAYA, ŞÜKRÜ ŞENOL PARUĞ, ÖZGÜR CENGİZ
- **22879 - Chemical composition of hexane extract of *Resada alba* AKACHA MAROUA, KARİMA LAHBIB, MARTA FRANCISCO, NEZIHA GHANEM**
- **22936 - Investigation of  $\omega$ -3 fatty acid contents of horse mackerel (*Trachurus trachurus* Linnaeus, 1758) in Dardanelles, Turkey**  
BAYRAM KIZILKAYA, ÖZGÜR CENGİZ, ŞÜKRÜ ŞENOL PARUĞ
- **23007 - Procedure applied in workplace disinfection**  
YUSUF ERGEN
- **23235 - Germination of the seeds of *Orchis coriophora* (Orchidaceae) in symbiotic culture medium**  
ÖZGE DURMAZ, YASEMİN ÖZDENER KÖMPE
- **23856 - The coating and application of commercial red cabbage with microencapsulation method**  
OKAN ERKEN, BAYRAM KIZILKAYA, MURAT YILDIRIM
- **23857 - Determination and comparison of ascorbic acid (C vitamin) contents in dried tangerine and orange chips**  
OKAN ERKEN, BAYRAM KIZILKAYA
- **23869 - Determination of vitamin E ( $\alpha$ -Tocopherol) and A (Retinol) of pacific oyster (*Crassostrea gigas* Thunberg, 1793) at different period using HPLC-DAD**  
BAYRAM KIZILKAYA, SEFA ACARLI, PERVİN VURAL
- **23870 - Comparison of radical antioxidant capacity of *Ensis marginatus* (Pennant, 1777) at different period in Gelibolu (Çanakkale, Turkey)**  
SEFA ACARLI, BAYRAM KIZILKAYA, PERVİN VURAL, PINAR ÇELİK
- **24005 - Waste reception facility at Çanakkale Port**  
SONGÜL ALTINDAĞ, A. SUAT ATEŞ
- **24072 - Investigation of DNA cleavage activity of extracts obtained from *Sideritis trojana* Bornm. endemic species of Ida mountain in**

**Turkey**

ELİF ÜNALDI, NESLİHAN DEMİR

- **24074 - Determination of the antimutagenic effect of *Mesogloia lanosa* P.Crouan & H.Crouan (Ochrophyta) extracts from Dardanelles**  
FATMA GÜL KOÇAK, NESLİHAN DEMİR, HÜSEYİN ERDUĞAN
- **24110 - Determination of the free radical scavenging activities (DPPH) of the Red algae (Rodophyta) taxa collected from Dardanelles in Turkey**  
ELİF ÜNALDI, NESLİHAN DEMİR, HÜSEYİN ERDUĞAN
- **24213 - Determination of the Copper(II) reducing antioxidant capacity (CUPRAC) of *Chondria dasyphylla* (Woodward) C. Agardh taxa collected from Dardanelles in Turkey**  
BÜŞRA DALGIÇ, NESLİHAN DEMİR, HÜSEYİN ERDUĞAN
- **24248 - Investigation of the protective effect on DNA cleavage and antioxidant activity of extracts obtained from *Calluna vulgaris* (L.) seeds**  
BÜŞRA DALGIÇ, NESLİHAN DEMİR
- **24347 - Monitoring of heavy metal pollution in the Umurbey coast (Çanakkale) on the Mediterranean mussel (*Mytilus galloprovincialis* L., 1819) using metallothionein biomarker**  
FATMA GÜL KOÇAK, NESLİHAN DEMİR
- **24507 - Investigation of the toxic effects of Silicon Dioxide (SiO<sub>2</sub>) Nanoparticles on the tissue of the Mediterranean Mussel (*Mytilus galloprovincialis* Lamarck, 1819)**  
FATMA SELİN BASKIN, SİBEL HAYRETDAG
- **24511 - Effects of olive leaf extract on *Galleria mellonella* phenoloxidase activity**  
SERHAT KAYA, ÇAĞLA ÇAKALOĞLU, BÜLENT GÜNDÜZ
- **24512 - Effects of *Hypericum perforatum* extract on Greater Wax Moth (*Galleria mellonella*) Phenoloxidase activity**  
SERHAT KAYA, GKAGIE IDRIZ OĞLOU, SERPİL SUDE YERLİKAYA, BÜLENT GÜNDÜZ
- **24517 - Effects of *Salvia officinalis* on Hemocytes counts of *Galleria mellonella***  
GÜLSÜM AKKUŞ, PINAR İNAN, SERHAT KAYA, BÜLENT GÜNDÜZ
- **24518 - Researching the therapeutic effect of some skin-derived peptides on diabetes mellitus**  
GÜLSÜM AKKUŞ, BEGÜM DERMENÇİ
- **24705 - Biodiversity and Distribution of Pea-Clams (*Bivalvia: Sphaeridae*) in Freshwaters of Çanakkale**  
İLKAY ÇELİK KENAN,- DENİZ ANIL ODABAŞI



**Assos - Athena Temple**



**Troia - Trojan Horse**



**Gallipoli Peninsula - Monument**

**Çanakkale Onsekiz Mart University**  
**Çanakkale**