

11TH ECOLOGY AND EVOLUTIONARY BIOLOGY SYMPOSIUM PROGRAM

08.07.2025
TUESDAY

MINI-SYMPOSIUM: PHILOSOPHY OF BIOLOGY *(IN TURKISH)*

- 09:30 - 10:30** KAYIT VE AÇILIŞ
- 10:30 - 11:15** ÇAĞLAR KARACA – BİYOLOJİ FELSEFESİ BİYOLOJİYE NE KATABİLİR? SELF-ORGANİZASYON ODAKLI BİR ÖNERİ
- 11:15 - 12:00** HAKAN YÜCEFER – ARISTOTELES BİYOLOJİSİNE GİRİŞ
- 12:00 - 12:45** MEHMET ELGİN – ARISTOTELES BİYOLOJİSİ, DARWIN DEVRİMİ VE EŞÖLÇÜLEMEZLİK
- 12:45 - 13:30** ÖÇLE YEMEĞİ
- 13:30 - 14:15** ÇAĞATAY TAVŞANOĞLU – EKOLOJİNİN DÜŞÜNSEL EVRİMİ: PARADİGMA DEĞİŞİMLERİ VE GÜNCEL YÖNELİMLER
- 14:15 - 15:00** ASLI ÜNER KAYA – ERNST MAYR’IN YAKINSAK VE NİHAİ AÇIKLAMA AYRIMININ J. SEARLE’ÜN BİLİNÇ TEORİSİNDEKİ KARŞILIĞI
- 15:00 - 15:45** ERGİ DENİZ ÖZSOY – DOĞAL SEÇİLİMİN TARİHSELLİĞİ
- 15:45 - 16:15** ÇAY/KAHVE ARASI
- 16:15 - 17:45** PANEL/TARTIŞMA: BİYOLOJİ VE FELSEFE İLİŞKİSİ
- 17:45 - 18:00** KAPANIŞ

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WEDNESDAY

08:00 - 09:30	REGISTRATION
09:30 - 10:00	OPENING CEREMONY
10:00 - 11:00	NATÁLIA MARTÍNKOVÁ - GENOME POLARIZATION: TRACING THE THREADS OF HYBRIDIZATION AND EVOLUTIONARY FLUX
11:00 - 11:30	COFFEE/TEA BREAK
	SESSION 1: POPULATION GENETICS
11:30 - 11:45	AYŞEGÜL ER GÖKÇE - UNCOVERING THE DIET COMPOSITION AND FORAGING ECOLOGY OF FALCO ELEONORAE USING NON-INVASIVE EDNA-BASED PELLET METABARCODING
11:45 - 12:00	BAHAR PATLAR - MOISTURE MATTERS MORE THAN HEAT FOR EVOLUTION OF REPRODUCTIVE GENES IN DROSOPHILA
12:00 - 12:15	İBRAHİM RAŞİT BİLGİN - THE MITOCHONDRIAL AND DOUBLE DIGEST RESTRICTION-SITE ASSOCIATED DNA SEQUENCING (DDRAD-SEQUENCING) REVEALS ISOLATION AND EXPANSION FROM THE GLACIAL REFUGIA
12:15 - 12:30	KUTLU ŞAFAK ALKAN - DEVELOPING CUSTOM SNP PANELS FOR RAPID AND ACCURATE WILDLIFE CONSERVATION GENETICS APPLICATIONS
12:30 - 12:45	SAHAR JAVAHERİ TEHRANI - UNCOVERING HYBRIDIZATION AND SPECIES BOUNDARIES IN PERIPHERAL POPULATIONS OF THE GREAT TIT (PARUS MAJOR) USING HIGH-RESOLUTION GENOMICS
12:45 - 13:00	TONI GOSSMANN - WHY SEX-BASED GENOMIC DIFFERENTIATION SHOULD NOT BE OVERLOOKED IN POPULATION GENETICS
13:00 - 14:00	LUNCH
	SESSION 2: POPULATION ECOLOGY
14:00 - 14:15	BERİL TEZEL - MOLECULAR APPROACHES FOR CONSERVATION: EDNA AND METABARCODING INSIGHTS INTO THE STRIPED HYENA POPULATION IN TÜRKİYE
14:15 - 14:30	NERGİS BİLGE KARABULUT - GENETIC DIVERSITY PATTERNS IN PHENOLOGICAL TRAITS OF QUERCUS ROBUR L.
14:30 - 14:45	KADİRHAN KİLİNÇ - INFECTED BUT INVESTING: INTERACTIVE EFFECTS OF PARASITEMIA AND FOOD AVAILABILITY ON REPRODUCTION IN GREAT TITS
14:45 - 15:00	NURBAHAR USTA - TROJAN FIR UNDER CLIMATE WARMING: A FACILITATOR SPECIES FACING REGENERATION LIMITS
	SESSION 3: AQUATIC ECOLOGY
15:00 - 15:15	ABDULLAH ÖZ - VARIATION IN AQUATIC FOOD WEBS ALONG THE LONGITUDINAL GRADIENT OF A SOUTHERN ANATOLIAN COASTAL RIVER
15:15 - 15:30	AYLİN AKKAYA - UNSPOKEN DYNAMICS OF SPERM WHALES (PHYSETER MACROCEPHALUS) IN THE EASTERN MEDITERRANEAN SEA OF TÜRKİYE: GROUP STRUCTURE, SPATIAL-TEMPORAL DISTRIBUTION AND BODY LENGTH
15:30 - 15:45	GÜL CANAN YAVUZ - THE EFFECTS OF SALINITY AND HEATWAVE ON ZOOPLANKTON COMMUNITY STRUCTURES, DIVERSITY AND RESOURCE USE EFFICIENCY: SYNCHRONIZED MESOCOSM EXPERIMENTS, TÜRKİYE
15:45 - 16:00	İREM GAMZE ARIK - SALINITY-INDUCED SHIFTS IN ZOOPLANKTON COMMUNITIES: INSIGHTS FROM A GRADIENT-BASED MESOCOSM STUDY

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16:00 - 16:30 COFFEE/TEA BREAK

SESSION 4: FLASH TALKS!

- 16:30 - 17:30 ARDA SEVKAR - THE MINI YET MIGHTY STAPES: A SUPERIOR DNA SOURCE THAN THE COCHLEAR POWDER
- ATAKAN YILDIZ - THE ROLE OF SOIL MICROBIOTA IN ECOSYSTEM HEALTH AND SUSTAINABLE TEA CULTIVATION: INSIGHTS FROM EDNA AND METAGENOMIC APPROACHES
- BEDİRHAN AVDANCI - COMMUNITY COMPOSITION AND RESISTANCE LEVELS OF SOIL BACTERIA AND FUNGI IN A MEDITERRANEAN FOREST UNDER VARYING WILDFIRE SEVERITIES
- ELİFNAZ EKER - UNRAVELING ROMAN MOBILITY: ARCHAEOGENOMIC INSIGHTS FROM ASIA MINOR TO THE ITALIAN PENINSULA
- FATIMA NUR OĞUL - INTEGRATED ANALYSIS OF REPRODUCTION AND REGENERATION IN COLONIAL ASCIDIANS
- GENCER YAPRAK - GLOBAL ECOLOGICAL NICHE MODELLING FOR THE BIMACULATED LARK (MELANOCORYPHA BIMACULATE) BREEDING HABITATS AND PREDICTION OF ITS DISTRIBUTION UNDER CURRENT AND FUTURE CLIMATE SCENARIOS
- GÜLCE EDİŞ - DISCOVERY OF TWO NOVEL PARTITIVIRUSES INFECTING THE SAXICOLOUS LICHEN CALOGAYA DECIPIENS
- İLAYDA DUMLUPINAR - EXPLAINING BRASSICACEAE SPECIES RICHNESS PATTERNS IN TÜRKİYE USING SPATIAL STATISTICAL MODELS
- NIKOLA PETKOVIC - THE RESPONSE OF THE LIFE HISTORY TRAITS OF DAPHNIA MAGNA TO THE DETERIORATING TEMPERATURES
- PELİN TAŞ - DIVERSITY DYNAMICS OF AIRBORNE PLANT COMMUNITIES REVEALED BY EDNAIR
- SONGÜL SÖNMEZ - BIODIVERSITY HOTSPOTS AT RISK: PROJECTIONS OF CLIMATE CHANGE IMPACTS ACROSS ECOREGIONS
- 17:30 - 18:30 **POSTER SESSION 1**
- 18:30 - 21:00 BIODIVERSITY MUSEUM VISIT & ICEBREAKER COCKTAIL

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THURSDAY

09:45 - 10:45	JALIL NOROOZI - PLANT BIODIVERSITY AND BIOGEOGRAPHY OF THE HIGH MOUNTAINS OF THE IRANO-ANATOLIAN BIODIVERSITY HOTSPOT
10:45 - 11:15	COFFEE/TEA BREAK
	SESSION 5: ANCIENT DNA & PALEOBIOLOGY
11:15 - 11:30	DİLEK KOPTKİN - OUT-OF-ANATOLIA MIGRATIONS DURING THE NEOLITHIZATION OF WESTERN EURASIA
11:30 - 11:45	FERHAT KAYA - LATE QUATERNARY FOSSIL RODENT ASSEMBLAGES FROM THE MIDDLE AWASH STUDY AREA, AFAR RIFT, ETHIOPIA
11:45 - 12:00	FUNDA ÖZDEMİR DEĞİRMENCİ - RECONSTRUCTING VEGETATION HISTORY OF THE MARMARA LAKE BASIN AND GEDİZ PLAIN USING SEDIMENTARY ANCIENT DNA (SEDADNA)
12:00 - 12:15	HANNAH MOOTS - EARLY 2ND MILLENNIUM CE PEOPLES OF CENTRAL ANATOLIA: AN ARCHAEOGENETIC VIEW FROM YOZGAT PROVINCE
12:15 - 12:30	GÖZDE ATAĞ - ANCIENT HUMAN DNA IN SEDIMENTS FROM OPEN-AIR HOLOCENE SITES ACROSS EUROPE
12:30 - 12:45	ÖZGE KAHYA PARILDAR - PRELIMINARY ASSESSMENT OF LATE MIOCENE HIPPARIONINE ASSEMBLAGE FROM THE SOFULAR LOCALITY (CENTRAL ANATOLIA, TÜRKİYE)
12:45 - 13:00	SEMA YILMAZ - A PRELIMINARY REPORT ON THE TAPHONOMY OF LATE QUATERNARY FOSSIL SMALL MAMMALS FROM THE AFAR REGION, ETHIOPIA
13:00 - 14:00	LUNCH
	SESSION 6: CONSERVATION BIOLOGY & BIOGEOGRAPHY
14:00 - 14:15	ANIL SOYUMERT - DETECTING THE OFFSPRING OF MAMMALS: INDICATORS FOR THE KEY HABITAT PATCHES FOR WILDLIFE CONSERVATION
14:15 - 14:30	BATUHAN ATIF TUNÇ - EXPANDING CLIMATE NICHE FACTOR ANALYSIS BEYOND SPECIES: ECOREGION-LEVEL VULNERABILITY MAPPING UNDER CLIMATE CHANGE
14:30 - 14:45	BİRCAN TAŞKIRAN - ENHANCING GENETIC AND ALTRUISTIC TRANSFORMATION IN AMERICAN CHESTNUTS FOR FUNCTIONAL GENOMICS AND DISEASE RESISTANCE VIA AGROBACTERIUM-MEDIATED APPROACHES
14:45 - 15:00	ÇİĞDEM KANSU - GENETIC DIVERSITY AND PHYLOGEOGRAPHY OF WHITE OAKS (QUERCUS PETRAEA AND Q. PUBESCENS): INSIGHTS FROM THE EASTERN MEDITERRANEAN
15:00 - 15:15	İTRİ LEVENT ERKOL - ECOLOGICAL NICHE MODELING OF RARE TURKISH OLIVE CULTIVARS: A SPATIAL FRAMEWORK FOR AGROECOSYSTEM POLICY AND CONSERVATION
15:15 - 15:30	SADDAM SAQIB - EVOLUTIONARY HOTSPOTS AND ALIEN INVASIONS: INTEGRATING PHYLOGENETICS TO GUIDE CONSERVATION IN THE PAN-HIMALAYA
15:30 - 16:00	COFFEE/TEA BREAK
16:00 - 17:00	PANEL: ANTHROPOLOGY IN TÜRKİYE AT ITS CENTENNIAL: PAST, PRESENT, AND FUTURE (IN TURKISH) - FACILITATOR: EZGİ ALTINIŞIK, PANELISTS: FERHAT KAYA, MEHMET SOMEL
17:00 - 17:45	POSTER SESSION 2
17:45 - 18:45	PANEL: INTEGRATING BIODIVERSITY KNOWLEDGE INTO CONSERVATION PRACTICE (IN TURKISH) - FACILITATOR: NURBAHAR USTA, PANELISTS: C. CAN BİLGİN, UĞUR ZEYDANLI
18:45 - 19:00	SHORT BREAK
19:00 - 20:30	GENERAL ASSEMBLY OF EKOEVO (IN TURKISH)

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FRIDAY

09:30 - 10:30 **PARASKEVI KARACHLE - NON-INDIGENOUS SPECIES IN THE MEDITERRANEAN SEA: STATUS, IMPACTS AND PERSPECTIVES**

10:30 - 11:00 COFFEE/TEA BREAK

SESSION 7: MICROBIAL ECOLOGY & EVOLUTION

11:00 - 11:15 EZGİ ÖZKURT - STOCHASTIC DYNAMICS IN THE ASSEMBLY OF THE SEED-BORNE MICROBIOME IN BREAD WHEAT

11:15 - 11:30 IŞILAY ÇELİK - LINKING ENVIRONMENTAL PARAMETERS TO MICROBIAL FUNCTION VIA METAGENOMIC PROFILING

11:30 - 11:45 KEREM GÖKDAĞ - MICROPLASTICS ENRICH PATHOGENIC BACTERIA IN LAKES ACROSS A SALINITY GRADIENT

11:45 - 12:00 SİBEL ALTÜRK KARACA - INFLUENCE OF PHOSPHORUS CONCENTRATION ON GROWTH, PIGMENT ACCUMULATION, AND LIPID PRODUCTION IN FIVE MICROALGAL SPECIES

SESSION 8: ANIMAL BEHAVIOUR & WILDLIFE ECOLOGY

12:00 - 12:15 BEGÜN ERBABA - CORTICAL CELL DISTRIBUTION PATTERNS IN LANGUAGE-TRAINED GORILLAS: IMPLICATIONS FOR NEUROPLASTICITY

12:15 - 12:30 BELCE SU UYKUSUZ - THE EFFECTS OF AFFORESTATION ON THE FUNCTIONAL DIVERSITY OF STEPPE BUTTERFLY COMMUNITIES IN KONYA BASIN, TÜRKİYE

12:30 - 12:45 QAZI HAMMAD MUEEN - ASSESSING BREEDING PERFORMANCE OF A PRECOXIAL BIRD SPECIES USING GPS DATA

12:45 - 13:00 VİLDAN ACAR - ASSESSING COGNITIVE PERFORMANCE AND LEARNING EFFICIENCY IN WILD GREAT TITS: INSIGHTS FROM AN RFID-BASED MULTIPLE REVERSAL LEARNING EXPERIMENT

13:00 - 14:00 LUNCH

SESSION 9 - BIOINFORMATICS & PHYLOGENETICS & EVOLUTIONARY GENOMICS

14:00 - 14:15 ASLINUR AKTÜRK - GENOME ANNOTATION AND ANALYSES OF THE TENEBRIONID BEETLE CARCHARES MACER

14:15 - 14:30 CANSU ÇETİN - UNRAVELING HOST-PARASITE COEVOLUTION IN COMPLEX NATURAL SYSTEMS: INSIGHTS FROM MHC VARIATION IN AMPHIBIANS

14:30 - 14:45 EVA ŠATOVIĆ VUKŠIĆ - EXPLORING THE FUNCTION AND EVOLUTION OF THE "DARK MATTER OF THE GENOME" IN THE ECONOMICALLY SIGNIFICANT BEETLE TENEBRIO MOLITOR

14:45 - 15:00 ILGIN DENİZ CAN - INTEGRATIVE TAXONOMIC REVISION OF HELDREICHIA BUPLEURIFOLIA (BRASSICACEAE) BASED ON MORPHOLOGICAL AND GENOMIC DATA

15:00 - 15:15 PINAR AKBABA - FUNCTIONAL GENOMICS OF MUSCLE AND OVARY DEVELOPMENT IN TELEOSTS: INSIGHTS INTO EVOLUTION AND SPECIALIZATION

15:15 - 15:30 ZAHIDA SULTANOVA - LIFE-HISTORY TRAITS SHAPE THE EVOLUTION OF MAMMALIAN LIFESPAN

15:30 - 15:45 PRESENTATION ON EMBO SHORT-TERM TRAVEL GRANTS

15:45 - 16:15 COFFEE/TEA BREAK

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SESSION 10: COMMUNITY & ECOSYSTEM ECOLOGY

- 16:15 - 16:30** ANIL BAHAR - EFFECT OF CROWN FIRES ON TEMPERATE MIXED FORESTS OF NORTHEASTERN ANATOLIA: A MODELING APPROACH
- 16:30 - 16:45** GÜLSELİ KIRGIL - POLLINATOR ASSEMBLAGES AS DRIVERS OF PLANT RANGE: EVIDENCE FROM A MARL STEPPE IN CENTRAL ANATOLIA
- 16:45 - 17:00** ILGIN ERTAN GÜROL - AVIAN COMMUNITIES OF THE ANATOLIAN DIAGONAL: THE ROLE OF CLIMATE AND LAND COVER
- 17:00 - 17:15** İSMAİL BEKAR - CLIMATE OR LAND USE? DISENTANGLING DRIVERS OF WILDFIRES IN MEDITERRANEAN NORTH AFRICA
- 17:15 - 17:30** SELEN AKÇAKOCA - THE EFFECTS OF AFFORESTATION AGE ON THE FUNCTIONAL DIVERSITY OF PLANTS IN THE STEPPES OF CENTRAL ANATOLIA, TURKEY
- 17:30 - 17:45** ZEYNEP LADİN COŞGUN - CHANGE IN FUNCTIONAL TRAIT STRUCTURE OF PLANT COMMUNITIES ALONG AN ELEVATIONAL GRADIENT IN SOUTHWESTERN ANATOLIA
- 17:45 - 18:30** CLOSING CEREMONY

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POSTER PRESENTATIONS

- **ABDULLAH ENES GÖKSAL** - OCCURRENCE OF PROTOTHECA SPECIES IN AQUATIC ECOSYSTEMS OF TÜRKİYE
- **AHMET BERKAY DEMİRSEÇEN** - METAGENOMIC INVESTIGATION OF ANCIENT ORAL MICROBIOTA FROM DENTAL CALCULUS: A COMPUTATIONAL FRAMEWORK FOR TAXONOMIC AND FUNCTIONAL PROFILING
- **AHMET CAN TINAZ** - MOVEMENT ECOLOGY OF THE EGYPTIAN VULTURE (NEOPHRON PERCNOPTERUS) BREEDING IN BEYPAZARI: INSIGHTS FROM GSM TELEMETRY
- **AHMETCAN İMBATESEN** - FISH MORTALITIES AND MOLECULAR TRACES: A POST-EVENT EDNA SURVEY IN İZMİR BAY, AEGEAN SEA
- **ALİ KORAY KOÇ** - RIBOSOMAL CISTRON OF TETRIX BOLIVARI (TETRIGINAE, ORTHOPTERA): CHARACTERIZATION OF LINEAR AND SECONDARY STRUCTURE
- **ALİ ONUR SAYAR** - BALANCING ETHICS AND EFFICIENCY: EVALUATING CAPTURE TECHNIQUES FOR WILD GOATS IN RUGGED TERRAIN
- **ALİ SERHAN ÇAĞAN** - MICROPLASTIC POLLUTION AND RISK ASSESSMENT IN SURFACE WATER OF SUSURLUK SUB-BASIN
- **AYÇA YEŞİLBAĞ** - IMPACTS OF AQUACULTURE ACTIVITIES ON MICROBIAL DIVERSITY IN THE EUPHRATES RIVER: AN EDNA-BASED ASSESSMENT
- **AYDA YILMAZ** - ENDOSYMBIONT-ASSOCIATED DIVERGENCE: WOLBACHIA PREVALENCE AND MITOCHONDRIAL PATTERNS IN SAND FLIES OF TÜRKİYE
- **AYŞEGÜL ER GÖKÇE** - NON-INVASIVE MONITORING OF PREDATOR-PREY RELATIONSHIPS AND MICROBIAL DIVERSITY VIA OWL PELLET METABARCODING
- **BAŞAK ESGİN** - INVESTIGATION OF SELECTION PRESSURE ON COHESIN AND CONDENSIN GENES IN NANNOSPALAX XANTHODON
- **BERNA YAVUZ** - VARIABILITY IN SEED MASS, GERMINATION, AND DORMANCY IN STEPPE PLANT COMMUNITIES ALONG A PRODUCTIVITY GRADIENT IN CENTRAL ANATOLIA
- **BÜŞRA KARATAŞ** - GENOME MEETS GRAVE: MOLECULAR IDENTIFICATION OF TUBERCULOSIS IN A BYZANTINE BURIAL
- **CAN ELVERİCİ** - THE SHIFTING MOSAIC: CLIMATE CHANGE IMPACTS ON ENDEMIC VERTEBRATES IN THE MEDITERRANEAN BIODIVERSITY HOTSPOT
- **CEMREAY DEDE** - TAXONOMIC AND FUNCTIONAL DIVERSITY OF MACROINVERTEBRATE COMMUNITIES IN RELATION TO ENVIRONMENTAL VARIABLES IN RURAL PONDS OF ANKARA, TURKEY
- **DOĞAN SÖZBİLEN** - WE ALL LOVE SUCCESS STORIES, BUT WHY IS THE RETURN OF A POPULATION NOT RELIEVING? CONCERNS OVER THE RECOVERY OF THE MEDITERRANEAN SEA TURTLE POPULATION
- **EFE SEZGİN** - NOVEL PROTEIN LANGUAGE MODELS FOR VIRAL ESCAPE PREDICTION
- **ELÇİN EKŞİ** - COMPUTATIONAL METHODS TRANSFORMING PALEONTOLOGY
- **EMİNE BÜŞRA MÜLAYİM** - HOW POND CHARACTERISTICS AFFECT MACROPHYTE DIVERSITY AND COVERAGE IN RURAL PONDS OF ANKARA, TÜRKİE
- **EMRAH KIRDÖK** - ANCIENT SEDIMENTARY DNA REVEALS HUMAN, ANIMAL AND MICROBIAL ACTIVITY IN EL PORTALÓN CAVE
- **EYLEM GÜLAY** - PRELIMINARY ASSESSMENT OF MEIOFAUNAL DIVERSITY AND ENVIRONMENTAL FACTORS IN THE INTERTIDAL ZONE OF THE FİLYOS AND SEFERCIK COASTS (BLACK SEA, ZONGULDAK, TÜRKİYE)
- **FERİDE AVCI** - UNDERSTANDING THE FACTORS AFFECTING THE DIVERSITY OF ZOOPLANKTON COMMUNITIES IN A POND METACOMMUNITY
- **G. BİKE YAZICIOĞLU** - A MODELED BIOAVAILABLE STRONTIUM ISOSCAPE (87SR/86SR) OF TÜRKİYE: A RESEARCH TOOL FOR ARCHAEOLOGICAL MOBILITY RECONSTRUCTION
- **GÜLSELİ KIRGIL** - AFFORESTATION ALTERS EPIGEIC BEETLE COMMUNITY IN CENTRAL ANATOLIAN STEPPES
- **HABİB BAKIR** - THE EVOLVING MIND SUBTERRANEAN: MAPPING NEUROANATOMICAL ADAPTATIONS IN SUBTERRAN RODENTS
- **ILGIN DOĞA TEKİN** - ACORN THIEVES: UNCOVERING THE AGENTS BEHIND OAK REGENERATION
- **İŞILAY ÇELİK** - DECODING MICROPLASTIC-ASSOCIATED MICROBIAL COMMUNITIES: EDNA-BASED INSIGHTS INTO DIVERSITY AND ENVIRONMENTAL RISK
- **İLAYDA GÜVEN** - COMPARATIVE ANALYSIS OF $\Delta^{13}\text{C}$ AND $\Delta^{15}\text{N}$ RATIOS AND TROPHIC POSITIONS IN TWO OMNIVOROUS FISH SPECIES ALONG A DISTURBED URBAN RIVER GRADIENT
- **KAAN YILMAZ** - INTEGRATING CITIZEN SCIENCE AND NON-INVASIVE MOLECULAR TECHNIQUES TO REVEAL THE DIET OF PLANT-MIMICKING MANTISES (MANTODEA: EMPUSIDAE)
- **KANAT GÜRÜN** - KINSHIP ANALYSIS TOOLKIT: A NEW PIPELINE CONSISTING OF IN-HOUSE SCRIPTS TO DETERMINE THE RELATIONSHIP DEGREE AND THE TYPE OF FIRST DEGREE RELATIONS USING LOW-COVERAGE DATA
- **KAYRA CANPOLAT** - THE POPULATION GENETIC HISTORY OF THE HITTITE CAPITAL HATTUSA
- **KEMAL GÖRGÜLÜ** - PHYLOGENETIC RELATIONSHIPS AMONG WEEVIL SUBFAMILIES (COLEOPTERA: CURCULIONIDAE) BASED ON MITOCHONDRIAL COI SEQUENCES
- **KUTAY YÜKSEL** - PYRGOMORPHIDAE (ORTHOPTERA, CAELIFERA) MITOGENOME: CHARACTERIZATION AND PHYLOGENETIC POSITION

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POSTER PRESENTATIONS

- **MEHMET GÖKTUĞ ÖZTÜRK** - MODELING WILDFIRE OCCURRENCE IN TÜRKİYE: THE ROLE OF CLIMATE, PRODUCTIVITY, AND HUMAN INFLUENCE
- **MEHMET SOMEL** - ANCIENT HUMAN GENOMES FROM MEDIEVAL NICAIA (İZNİK)
- **METEHA KARA** - STOCHASTIC DNA DAMAGE AND REPAIR DYNAMICS AS A DRIVER OF CELLULAR FITNESS UNDER RADIATION
- **MİNA CANSU KARAER** - DUAL APPROACH TO ASSESS GASTROINTESTINAL HELMINTH DIVERSITY IN CAPTIVE AND FREE-RANGING MOUNTAIN GAZELLES (*GAZELLA GAZELLA*) IN HATAY, TÜRKİYE
- **MUSTAFA SÖZEN** - TRACING THE RELATIONSHIP BETWEEN MORPHOLOGICAL AND CHROMOSOMAL EVOLUTION IN *NANNOSPALAX* SP. USING THREE-DIMENSIONAL GEOMETRIC MORPHOMETRICS
- **MUHAMMED ARİF DEMİR** - GEOMETRIC MORPHOMETRIC ANALYSIS OF MALE HIND WINGS AND GENITAL STRUCTURES IN MELOIDAE (COLEOPTERA): PATTERNS OF MORPHOLOGICAL DIFFERENTIATION AND THEIR PHYLOGENETIC IMPLICATIONS
- **MUHAMMED ARİF DEMİR** - ENVIRONMENTAL REQUIREMENTS OF MELOIDAE (COLEOPTERA) SPECIES: A CASE STUDY FROM INNER WESTERN ANATOLIA
- **NASTASSIA ULUDÜZ** - TYPES OF SKIN MARKINGS IN DELPHINIDAE OF THE ZONGULDAK REGION, SOUTHWESTERN BLACK SEA
- **NERGİS YASAV** - ECOLOGICAL CHARACTERISTICS AND LIFE TRAITS OF TWO HONEYBEE SUBSPECIES (*A. M. CAUCASICA* AND *A. M. SYRIACA*)
- **NİSA DALAR** - MAGNETORECEPTION IN BIRDS AND MAMMALS: A COMPARATIVE PERSPECTIVE FROM QUANTUM BIOLOGY
- **NUR FİLİZ** - EFFECTS OF WET AND DRY PERIODS ON LONG TERM PHOSPHORUS AND NITROGEN BUDGETS AND THEIR RELATIONSHIPS WITH LAKE NUTRIENT AND CHLOROPHYLL-A CONCENTRATIONS
- **NURSEMA AKTEPE** - COMPARATIVE ANALYSIS OF LEAF FLAMMABILITY TRAITS IN FOREST AND SHRUBLAND PLANTS OF WESTERN TÜRKİYE
- **ÖZGE ÇAKMAK** - MORPHOMETRIC INVESTIGATION OF *TRITICUM ARARATICUM* JAKUBZ, *TRITICUM BAEOTICUM* BOISS., *TRITICUM DICOCCOIDES* (KÖRN. EX ASCH. & GRAEBN.) SCHWEINF. AND *TRITICUM URARTU* THUMANJAN EX GANDILYAN SPECIES FOUND IN THE GENE POOL OF CULTIVATED WHEAT
- **ÖZGÜR TAŞKENT** - DIFFERENT BALANCING SELECTION MODES LEAVE HIGHLY SIMILAR TEMPORAL GENOMIC SIGNATURES
- **PELİN TAŞ** - MICROBIAL SIGNATURES OF SPECIES DIVERGENCE IN ALPINE BUTTERFLIES
- **PINAR KÜTKÜT** - THE EFFECTS OF POST-FIRE RESTORATION APPLICATIONS ON THE WOODY PLANT COMMUNITY IN A TURKISH RED PINE FOREST
- **RÜVEYDA ZEHRA ÖGÜTVERİCİ** - WISDOM FROM ASHES: EXPLORING TRADITIONAL FIRE KNOWLEDGE AND USE IN ANATOLIA
- **SAADET MÜGE ÜLKÜ** - PLURAL VALUES AND PERCEPTIONS FOR AN INVASIVE ALIEN SPECIES: THE CASE OF ROSE-RINGED PARAKEETS (*PSITTACULA KRAMERI*) IN TÜRKİYE
- **SEHER AYÇA DENİZ** - ECOLOGICAL INSIGHTS INTO MICROBIAL PERSISTENCE IN ULTRAPURE WATER SYSTEMS: A MOLECULAR APPROACH
- **SERCAN IRMAK** - BIOGEOGRAPHIC PATTERNS AND POPULATION STRUCTURE OF SOCIAL VOLES: EVIDENCE OF ONGOING GENE FLOW IN TWO CRYPTIC SPECIES IN ANATOLIA
- **TANYA BERİL KORKMAZ** - INTEGRATING GENE EXPRESSION DATA INTO METABOLIC MODELS: AN APPLICATION OF CONTEXT SPECIFIC MODELING TOOLS TO EMPIRICAL DATA
- **TONI GOSSMANN** - SWARMGENOMICS: A UNIFIED PIPELINE FOR INDIVIDUAL-BASED WHOLE-GENOME ANALYSES
- **TUĞÇE NUR İLBAŞ GÜR** - IDENTIFICATION OF THREATENED CAVE-DWELLING BAT SPECIES AND ESTABLISHMENT OF A NATIONAL CONSERVATION NETWORK
- **TUNCA DENİZ YAZICI** - INTEGRATING ECOLOGICAL AND GENOMIC DIVERSITY FOR CLIMATE RESILIENT MARINE SPATIAL PLANNING
- **TUNAHAN ÇALIKOĞLU** - INVESTIGATING DEVELOPMENTAL ROBUSTNESS IN GENETICALLY UNIFORM AND VARIABLE *DROSOPHILA* POPULATIONS
- **ULAŞ IŞILDAK** - TEMPORAL EVOLUTION OF THE GUT MICROBIOME IN AGING AFRICAN TURQUOISE KILLIFISH
- **VAGİF MAMMEDZADA** - POPULATION AND GENETIC STRUCTURE OF THE SOUTHERN CAUCASUS FROM THE NEOLITHIC TO THE EARLY MIDDLE AGES
- **VELİ DENİZ ÜNLÜ** - ETHNOBOTANICAL PROPERTIES OF GÜLAĞAÇ (AKSARAY), GÜZELYURT (AKSARAY), ÇİFTLİK (NİĞDE) AND ALTUNHISAR (NİĞDE) DISTRICTS
- **YAĞMUR ACER** - UNCOVERING SUBTERRANEAN LIFE: A PILOT EDNA-BASED BIODIVERSITY STUDY ACROSS CONTRASTING CAVE HABITATS
- **YEKBUN ADIGÜZEL** - GENOME-RELATED FEATURE STUDIES

11TH ECOLOGY AND EVOLUTIONARY BIOLOGY SYMPOSIUM PROGRAM

POSTER PRESENTATIONS

- **YUQING LIU** - ANALYSING THE EFFECTS OF NUTRITION ON REPRODUCTIVE PERFORMANCE OF MALE FRUIT FLIES
- **YUQING LIU** - THE IMPACT OF LOCOMOTOR MODE AND PHYLOGENETIC CLADES ON SKELETAL MEASUREMENTS IN FROGS
- **YUQING LIU** - UNVEILING THE POPULATION GENETIC STRUCTURE OF EUROPEAN HORNBEAMS IN THE HAINAULT FOREST: DETERMINING THE EXTENT OF CLONALITY, GENETIC DIVERSITY AND SPATIALITY
- **ZEYNEP DİLBE UYAR** - INTEGRATING FLOWCAM IMAGING AND AI-ASSISTED CLASSIFICATION TO ASSESS PHYTOPLANKTON RESPONSES TO EXPERIMENTAL SALINIZATION
- **ZEYNEP OĞUZHAN** - GENOME SIZE: DID FLIGHT LOSS RELAX GENOME SIZE CONSTRAINTS IN BIRDS?