

11th ICZEGAR

21 - 25 September 2009 Herakleion, Crete, Greece



PROGRAMME

Natural History Museum of Crete Reception Hall

Monday 21st September 2009

15:00-20:30 Registration

20:30 - 22:30 Congress Icebreaker Reception

Room A

OPENING PLENARY

9:00-9:50 **Prof. Robert Whittaker**
 Biodiversity Research Group, Oxford University Centre for the Environment, UK
 "Scale and the dynamics of island biotas: a (mostly) macroecological perspective"

Moderator: **Sfenthourakis Spyros**

10:00-10:20 **Ladoukakis Emmanuel, Theologidis Yiannis, Rodakis George, Zouros Eleftherios**
 Sequence divergence might not be an impediment to mtDNA recombination: evidence from the Mediterranean mussel *Mytilus galloprovincialis*

10:20-10:40 **Lopes Joao, Beaumont Mark**
 Learning about populations history using approximate Bayesian computation

10:40-11:00 **Pitta Eva, Giokas Sinos, Sfenthourakis Spyros**
 Investigating species co-occurrence patterns

11:00-11:30 **Coffee Break**

Moderator: **Saaverda Carlos**

11:30-11:50 **Antoniou Cilia Aglaia, Magoulas Antonios, Kotoulas Georgios**
 Spatial demarcation of a contact zone between two highly divergent mtDNA lineages of the brown hare *Lepus europaeus* in Northeastern Greece

11:50-12:10 **Mamuris Zissis, Koutsogiannouli A. Evagelia, Moutou Katerina, Sarafidou Theologia, Stamatis Costas, Spyrou Vassiliki**
 Major histocompatibility complex (MHC) genetic variation in the brown hare and comparison with different molecular markers

12:10-12:30 **Mouton Alice, Grill Andrea, Krystufek Boris, Sara Maurizio, Amori Giovanni**
 Molecular phylogeography of the common dormouse, *Muscardinus avella narius* in Europe

12:30-12:50 **Stöck Matthias, Litvinchuk Spartak, Lymberakis Petros, Cogalniceanu Dan, Ogielska Maria, Ghali Karim, Dumas Zoé, Perrin Nicolas**
 Distribution and secondary contacts of amphibians in Greece and Eastern Europe - similarities and differences of phylogeographic patterns in green toads (*Bufo viridis* subgroup) and tree frogs (*Hyla arborea* group)

12:50-13:10 **Fric Jacob, Kasapidis Panagiotis, Giokas Sinos, Kotoulas Georgios, Wink Michael, Ristow Dietrich, Legakis Anastasios, Polymeni Rosa-Maria, Dimalexis Tasos**
 Population genetic structure of Eleonora's Falcon (*Falco eleonorae*) in its breeding range based on microsatellite data

13:10-13:30 **Drovetski Sergei**
 Presence of multiple mtDNA lineages of wren in Greece

13:30-16:30 **Lunch Break**

Moderator: *Abatzopoulos Theodore*

10:00-10:20 *Terbiyik Tuba, Uysal Zahit, Polat Sevim, Ak Örek Yesim*

Distribution and Abundance of the Chaetognath Species in the Cilician Basin (Eastern Mediterranean)

10:20-10:40 *Chatzigeorgiou Giorgos, Faulwetter Sarah, Arvanitidis Christos*

Preliminary results of polychaetes composition and distribution between two rocky sites in the northern part of Crete

10:40-11:00 *Katsiaras Nikos, Evagelopoulos Athanasios, Koutsoubas Drosos, Simboura Nomiki*

How do different measures of ecological status assessment function in coastal areas: The case study of Mytilene Straits (Island of Lesvos, NE Aegean)

11:00-11:30 **Coffee Break**

Moderator: *Somarakis Stylianos*

11:30-11:50 *Charizopoulos Nikos, Neofitou Nikos, Vafidis Dimitris*

The effect of shellfish aquaculture on benthic community structure of Maliakos gulf

11:50-12:10 *Dalamaga Nikoleta, Lolas Alexios, Kazanidis George, Skordas Kostas, Vafidis Dimitris*

Preliminary results of the concentrations of heavy metals in the sea cucumber *Holothuria tubulosa* and its surrounding sediment in Pagasitikos gulf

12:10-12:30 *Geropoulos Antonios, Mavidis Michalis, Kitsos Miltiadis-Spryridon, Christodoulou Magdalini, Koukouras Athanasios*

Comparison of the spatial composition of the sandy midlittoral community in the organically polluted area of Alykes Kitrous (Thermaikos Gulf), between 1976 and 2003

12:30-12:50 *Lolas Alexios, Tziantzou Lambrini, Kazanidis George, Neofitou Nikos, Vafidis Dimitris*

Preliminary results on the study of the reproductive behavior of *Paracentrotus lividus* and *Arbacia lixula* in the Aegean

12:50-13:10 *Lefkadiitou Eugenia, Tserpes George, Vidoris Pavlos, Peristeraki Panagiota, Politou Chrissi-Yianna, Frantzis Alexandros, Kallianiotis Argyris*

Distribution of some uncommon cephalopod species on the Hellenic continental slope (Eastern Mediterranean)

13:30-16:30 **Lunch Break**

Room A

PLENARY

16:30-17:20 **Dr. Mathias Harzhauser**
Head of Department - Geological, Paleontological Dep., Natural History
Museum, Burgring 7, A-1010 Vienna, Austria
“The Eastern Mediterranean: biogeographic responses to the closure of the Oligocene -
Miocene Tethyan Seaway”

Moderator: **Masetti Marco**

17:30-17:50 **Papadopoulou Anna, Anastasiou Ioannis, Spagopoulou Fotini, Stalimerou
Malda, Terzopoulou Sofia, Keskin Bekir, Vogler Alfried**
Comparative phylogeography of darkling beetles (Coleoptera: Tenebrionidae) in the
central Aegean archipelago

17:50-18:10 **Kamilari Maria, Klossa-Kilia Elena, Kiliadis George, Sfenthourakis Spyros**
Phylogeography of Greek endemic Trachelipus species (Isopoda, Oniscidea)

18:10-18:30 **Keskin Bekir, Keskin Alpogut Nusren, Papadopoulou Anna, Vogler Alfried**
Phylogeographic relationships of tenebrionid beetles: a response to the geographic
isolation of Cyprus

18:30-19:00 **Coffee Break**

Moderator: **Chatzaki Maria**

19:00-19:20 **Milankov Vesna, Ludoski Jasmina, Francuski Ljubinka, Ståhls Gunilla,
Vujic Ante**
Spatial and temporal patterns of molecular and phenotypic diversity of populations of
Merodon albifrons (Diptera, Syrphidae) from Chios and Lesvos islands

19:20-19:40 **Mutun Serap**
Intraspecific genetic variation and phylogeography of the oak gallwasp *Andricus
caputmedusae* (Hymenoptera: Cynipidae) from Anatolia

19:40-20:00 **Ståhls Gunilla, Vujic Ante, Pérez-Bañon Celeste, Rojo Santos, Taylor Mike,
Petanidou Theodora**
Molecular studies on *Merodon* hoverflies (Diptera, Syrphidae) of Islands Lesvos and
Chios, Greece

Moderator: *Arvanitidis Christos*

17:30-17:50 *Tzanatos Evangelos, Peristeraki Panagiota, Tserpes George*
Depth distribution and abundance variations of 11 demersal species in the southern Aegean Sea

17:50-18:10 *Katsanevakis Stelios, Tsiamis Konstantinos, Ioannou Georgios, Michailidis Nikolas, Zenetos Argyro*
Marine alien species of Cyprus

18:10-18:30 *Issaris Yiannis, Katsanevakis Stelios, Panou Alik*
Estimating population density and abundance of the protected seahorse species *Hippocampus hippocampus* and *H. guttulatus* in northeastern Korinthiakos Gulf

18:30-19:00 **Coffee Break**

Moderator: *Karakassis Ioannis*

19:00-19:20 *Alaş Ali*
Reproductive Biology of *Capoeta tinca* Inhabiting Kayaboğazı Dam Lake

19:20-19:40 *Gülle İskender, Küçük Fahrettin, Gümüş Erkan, Güçlü Salim Serkan, Demır Demır Orhan*
Habitat Features and Conservation Status of Mountain Trout, *Salmo trutta macrostigma* (Duméril 1858), in Mediterranean Freshwater Systems of Turkey

Room A

PLENARY

- 9:00-9:50** **Prof. Gary R. Carvalho**
School of Biological Sciences, University of Bangor, Environment Centre Wales,
Bangor, UK
“Geographic range limits of species: advances in molecular and genomic approaches”
- Moderator:** **Kotoulas Georgios**
- 10:00-10:20** **Somarakis Stylianos, Nikolioudakis Nikolaos**
What makes a late anchovy larva?
- 10:20-10:40** **Cordero David, Peña B. Juan, Saavedra Carlos**
Evidence for an Eastern Mediterranean reservoir of genetic variability in the grooved
carpet-shell clam (*Ruditapes decussatus*) and other marine species
- 10:40-11:00** **Arvanitidis Christos, Somerfield P.J., Rumohr H., Faulwetter Sarah, et al.**
Biological geography of the European seas: results from the MacroBen database
- 11:00-11:30** **Coffee Break**
- Moderator:** **Ladoukakis Emmanuel**
- 11:30-11:50** **Vanhove Maarten, Huyse Tine, Giakoumi Sofia, Zogaris Stamatis,
Kalogianni Eleni, Economou Alcibiades, Volckaert A.M. Filip**
An evolutionary comparison of Greek gobies and their parasites
- 11:50-12:10** **Ouanes Khaled, Bahri-Sfar Lilia, Kaouèche Myriam, Haffani Malek,
Bonhomme François, Ben Hassine Oum Kalthoum**
Genetic diversity of some *Solea solea* populations along the southern shore of the
Mediterranean sea using allozymes and EPIC-PCR markers
- 12:10-12:30** **Vogiatzi Emmanouella, Manousaki Tereza, Antoniou Cilia Aglaia, Hanel
Reinhold, Magoulas Antonios, Tsigenopoulos Costas**
Phylogeography of the striped red mullet (*Mullus surmuletus* L.) inferred from
microsatellite markers
- 12:30-12:50** **Dadali Olga, Malandrakis E.E., Palaokostas C., Tsigenopoulos Costas,
Magoulas Antonios, Karapanagiotidis T. Ioannis, Neofitou Nikos,
Zampounis A., Mente Elena, Panagiotaki Panagiota, Vafidis Dimitris,
Exadactylos Athanasios**
Temporal and spatial genetic diversity of the edible decapod crustacean *Nephrops
norvegicus* (Linnaeus, 1758)
- 12:50-13:10** **Kazanidis George, Antoniadou Chrysanthi, Lolas Alexios, Kyriakouli
Kyratso, Vafidis Dimitris**
Reproductive biology of *Holothuria tubulosa* (Holothuroidea: Echinodermata) in the
Aegean Sea
- 13:30-16:30** **Lunch Break**

Wednesday 23rd September 2009
AFTERNOON

NHMC FIRST FLOOR

17:00-20:00 ***POSTER session***

21:00 ***Congress' Dinner***

Room A

PLENARY

- 9:00-9:50** **Dr. Kevin de Queiroz**
Department of Vertebrate Zoology, National Museum of Natural History,
Smithsonian Institution, Washington DC, 20560, USA
“Current Trends in Systematics”
- Moderator:** **Parmakelis Aristeidis**
- 10:00-10:20** **Kiremit Ferhat, Türkozan Oğuz, Bardakçı Fevzi**
Mitochondrial DNA variation of *Testudo* complex in Turkey
- 10:20-10:40** **Bagda Efkani, Türkozan Oğuz, Bardakçı Fevzi**
Population genetic structure and conservation implications of green turtle (*Chelonia mydas*) in the eastern Mediterranean using mitochondrial and nuclear DNA
- 10:40-11:00** **Degani Gad, Nagar Reut, Goldberg Tali, Yom-Din Svetlana**
Molecular DNA Variation in *Hyla savignyi* at Various Breeding Sites in Northern Israel
- 11:00-11:30** **Coffee Break**
- Moderator:** **Stöck Matthias**
- 11:30-11:50** **Dimopoulou Aggeliki, Mitrakos Anastasios, Simaiakis Stylianos, Mylonas Moysis, Parmakelis Aristeidis**
The phylogeography of *Scolopendra cingulata* (Chilopoda, Scolopendridae) in Greece
- 11:50-12:10** **Simaiakis Stelios, Korsos Zoltan**
Morphometrics and phenetic analysis of the species *Scolopendra cingulata* Latreille, 1829 (Chilopoda: Scolopendridae) in East Mediterranean
- 12:10-12:30** **Chatzaki Maria**
Advances in spider taxonomy in Greece: does the number of species linearly increase with progress of taxonomic insights?
- 12:30-12:50** **Hassine Nesrine, Bahri-Sfar Lilia, Guiller Annie, Ben Hassine Oum Kalthoum, Madec Luc**
Distribution, habitat and morphological variability of the land snail *Cornu aspersum*, Müller, 1774 in Tunisia
- 12:50-13:10** **Kebapçı Ümit, Yıldırım M. Zeki, Öztop Mustafa, Çağlan C. Duygu**
Malacological Diversity of Central Taurus Mountains (Turkey)
- 13:30-16:30** **Lunch Break**

Moderator: *Heiss Ernst*

10:00-10:20 *Margaritoulis Dimitris, Rees F. Alan, Dean Christopher, Panagopoulou Alik*
The sea turtle population of Rethymno continues to decline: results of 19-year data (1990-2008)

10:20-10:40 *Russo Danilo, Cistrone Luca, Garonna P. Antonio, Gareth Jones*
Threatened species depending on dead wood in unmanaged and harvested forests: lessons from bats and beetles

10:40-11:00 *Migli Despoina, Galinos Spyros, Petridou Maria, Maragou Panagiota*
The current status of the Golden Jackal (*Canis aureus*) in Chalkidiki and Peloponnese, Greece: did the extensive fires of 2006-07 affect the species?

11:00-11:30 **Coffee Break**

Moderator: *Russo Danilo*

11:30-11:50 *Yıldırım M. Zeki, Kebapçı Ümit, Gülle İskender*
Ecological Tragedy of Dried Lakes in Western Turkey: The Avlan Lake Example

11:50-12:10 *Maragou Panagiota, Legakis Anastasios*
The update of the Greek Red Data Book of threatened fauna – summary results and trends

12:10-12:30 *Mertzanidou Despoina, Kasapidis Panagiotis, Terzoglou Vassiliki, Kotoulas Georgios, Legakis Anastasios*
Temporal and Spatial genetic diversity of Fallow deer (*Dama dama*) on the island of Rhodes

13:30-16:30 **Lunch Break**

Room A

PLENARY

16:30-17:20 **Dr. Thord Fransson**
Bird Ringing Centre, Department of Vertebrate Zoology, Swedish Museum of Natural History, Box 50 007, SE-104 05 Stockholm, Sweden
“When and where to fuel? A challenge for migratory birds crossing the Sahara desert”

Moderator: **Giokas Sinos**

17:30-17:50 **Catsadorakis George**
Why are there so many species and high densities of raptorial birds in Dadia National Park, Thrace, Greece?

17:50-18:10 **Xirouchakis Stavros, Andreou Giorgos, Grivas Costas, Probonas Michalis**
The impact of wind farms on raptors: A case study in the island of Crete

18:10-18:30 **Skartsi Theodora, Poirazidis Kostas, Vasilakis Dimitris**
Age-specific use of an artificial feeding site by Eurasian Black Vulture (*Aegypius monachus*) in Dadia-Lefkimi-Soufli National Park

18:30-19:00 **Coffee Break**

Moderator: **Xirouchakis Stavros**

19:00-19:20 **Barboutis Christos, Mylonas Moisis, Fransson Thord**
Brest muscle loss during migration over large ecological barriers in a small passerine (Garden warbler *Sylvia borin*) during spring migration

19:20-19:40 **Kassara Christina, Dimalexis Tasos, Xirouchakis Stavros, Portolou Danae, Fric Jacob, Sfenthourakis Spyros**
The breeding ecology of Eleonora’s falcon (*Falco eleonora*): is it spatial or justspecial?

19:40-20:00 **Nikolopoulou Stamatina, Xirouchakis Stavros, Andreou Giorgos, Grivas Costas**
Post-fledging dispersal and settlement of the Bearded Vulture (*Gypaetus barbatus*) in the island of Crete

Moderator: *Maragou Panagiota*

17:30-17:50 *Jean-Jacques Martinez*
Differential responses of Gall-Inducing Aphids to the Foliose Lichen *Xanthoria parietina* on *Pistacia atlantica* Trees

17:50-18:10 *Tsoukalas George, Legakis Anastasios, Anastasiou Ioannis*
Effects of elevation and habitat type on arthropod community structure (Carabidae - Tenebrionidae) in two mountainous areas from Southern Greece

18:10-18:30 *Detsis Vassilis, Katsabanis Georgios*
Evidence of niche segregation among summer active collembolan species

18:30-19:00 **Coffee Break**

Moderator: *Simaiakis Stylianos*

19:00-19:20 *Garefalaki Marina-Elena, Staikou Alexandra*
Geographic variation of mating behaviour and reproductive biology in the simultaneously hermaphroditic land snail *Cornu aspersum*

19:20-19:40 *Karameta E, Legakis Anastasios, Anastasiou Ioannis*
Changes in the structure of two ground-dwelling arthropod assemblages (Carabidae - Tenebrionidae) along a gradient of vegetation structure from forest to open habitats

19:40-20:00 *Antonatos Spyridon, Ntampakis Dionysios, Anagnostopoulos Anastasios, Emmanuel Nikolaos*
Seasonal population fluctuation of Orthoptera in grassland areas at Athens International Airport

Room A

PLENARY

- 9:00-9:50** **Prof. Kevin N. Laland**
Centre for Social Learning and Cognitive Evolution, School of Biology,
University of St. Andrews, Scotland
“The niche-construction perspective in evolutionary biology”
- Moderator:** **Triantis Kostas**
- 10:00-10:20** **Anastasiou Ioannis, Papadopoulou Anna, Spagopoulou Fotini, Stalimerou Malda, Terzopoulou Sofia, Gotsi E., Garoufali F., Legakis Anastasios**
Structure of tenebrionid assemblages on islands of the Aegean archipelago
- 10:20-10:40** **Kaltsas Dimitris, Chatzaki Maria, Panayiotou Eleni, Mylonas Moisis**
Differential species richness and co-occurrence patterns of ground spider communities (Araneae: Gnaphosidae) in Eastern Mediterranean maquis
- 10:40-11:00** **Touloumis K., Stamou P. George**
Determinism vs Stochasticity: Effects of the spatial and temporal heterogeneity of Mediterranean landscapes on the population dynamics of model arthropod populations
- 11:00-11:30** **Coffee Break**
- Moderator:** **Stamou P. George**
- 11:30-11:50** **Spaneli Vasia, Valakos Efstratios, Pafilis Panagiotis, Lymberakis Petros**
Thermal ecology of the lizard *Podarcis cretensis*: thermoregulatory strategies adopted by 5 populations and the contribution of ecological parameters
- 11:50-12:10** **Samaras Athanasios, Youlatos Dionisios**
Use of forest canopy by European red squirrels (*Sciurus vulgaris* L.) in northern Greece
- 12:10-12:30** **Kassinis Nikolaos, Xenophontos Marina**
Population status and conservation of the Cyprus Mouflon (*Ovis gmelini ophion*) 10 years of monitoring
- 12:30-12:50** **Georgiakakis Panagiotis, Mylonas Moisis, Russo Danilo**
Seasonal variation of foraging activity and habitat use by bats of Crete
- 12:50-13:10** **Georgantis Panagiotis, Vardinoyannis Katerina, Mylonas Moisis**
An altitudinal study of the malacofauna on two mountains of Crete (Greece)
- 13:10-13:30** **Kalouli Marilia, Bedau N., Krabbe S., Schoenemann S., Walenta N.**
Anthropogenic pressure on the habitat of African Chameleon in Greece and proposed conservation measures
- 13:30-16:30** **Lunch Break**

Moderator: *Paragamian Kaloust*

10:00-10:20 *Kazantzidis Savas, Pergantis Fotis, Makrigianni Eleni, Poirazidis Konstantinos, Bourdakis Stratis, Kakalis Eleftherios*
Waterfowl and hunting in Greek wetlands

10:20-10:40 *Handrinos Giorgos, Kastritis Thanos, Catsadorakis George, Alivizatos Charalampos, Xirouchakis Stavros, Kazantzidis Savas, Bourdakis Stratis, Dimalexis Tasos*
The new Red List of the Threatened Birds of Greece

10:40-11:00 *Dimalexis Tasos, Kastritis Thanos, Handrinos George, Xirouchakis Stavros, Kakalis Eleftherios, Kardakari Niki, Grivas Costas, Manolopoulos Aris*
The ecological requirements and threats of the Greek SPAs trigger species

11:00-11:30 **Coffee Break**

Moderator: *Dimalexis Tasos*

11:30-11:50 *Serebryakov Valentin*
A new zoogeographical rule

11:50-12:10 *Galanaki Antonia, Fielding Alan*
Spatial distribution models for the Lesser Kestrel *Falco naumanni* in central Greece

12:10-12:30 *Karris Georgios, Fraguedakis-Tsolis Stella, Giokas Sinos, Sfenthourakis Spyros, Xirouchakis Stavros*
Breeding performance and population size of the Corys Shearwater colony on Strofades Island complex (Ionian Sea, Western Greece)

12:30-12:50 *Mullin V. Saravia, Dimalexis Anastasios, Anagnostopoulos T., Fokas N.*
Yellow-legged Gull Movements Monitoring Programme of the Athens International Airport "Eleftherios Venizelos"

12:50-13:10 *Dretakis Michalis, Probonas Nikos, Papakonstantinou Kostas, Kominos Theodoros, Handrinos George*
A Checklist of Birds of Greece

13:30-16:30 **Lunch Break**

Room B

15:00-16:00 *Annual General Meeting of the Hellenic Zoological Society*

SPECIAL SESSION (ROUNDTABLE)

16:00-18:00 *The importance and conservation status of the island wetlands of Greece*

SPECIAL SESSION (ROUNDTABLE)

18:00-20:30 *Studying the birds of Greece. The present state of knowledge and research priorities for the future*

Dr. Dietrich Ristow

Thirty five years of bird monitoring in a Greek islet. The case of Dionysades

Special issues

- a. Handrinos George, Kastritis Thanos**
The update of the Greek Red Data List for Birds
- b. Portolou Danae**
The new edition of the Greek Important Bird Areas Book
- c. Kazantzidis Savas, Alivizatos Charalambos**
Midwinter Waterfowl Counts. Compilation of data for the last 25 years
- d. Dimalexis Tasos**
Citizen's Science. Using volunteers to gather reliable field data for birds. The future steps
- e. Dimalexis Tasos**
Windfarms and Birds. The situation in Greece and the role of HOS
- f. Kazantzidis Savas**
The study of birds in Greece. Priorities for action

