

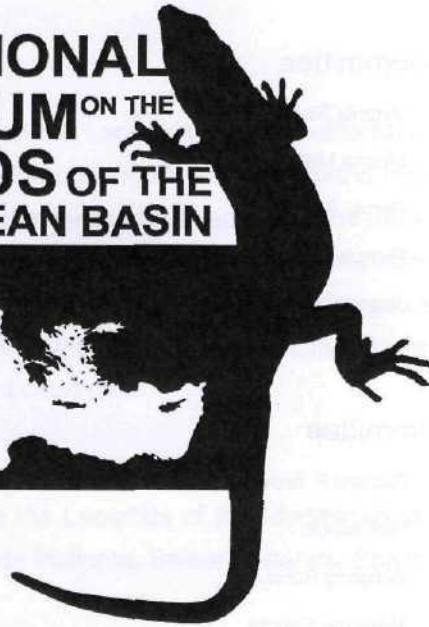
**7th INTERNATIONAL
SYMPOSIUM^{ON THE}
LACERTIDS OF THE
MEDITERRANEAN BASIN**



**PALMA, BALEARIC ISLANDS,
SPAIN, 06-09 SEPTEMBER**



7th INTERNATIONAL SYMPOSIUM ON THE LACERTIDS OF THE MEDITERRANEAN BASIN



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Palma, Balearic Islands. Spain, 06-09 September 2010



Universitat de les Illes Balears



Program

Monday, September 6

- 09:00 – 12:30 Arrival and Registration
- 12:00 – 12:30 Opening ceremony
- 12:30 – 13:30 Plenary Lecture:
Recent advances in the (molecular) phylogeny of squamates
Rafael Zardoya
Museo Nacional de Ciencias Naturales-CSIC, Madrid, Spain
- Session A: Behaviour and Ecology**
Chairman: Valentin Pérez Mellado
- 15:00 – 16:00 Plenary Lecture
Multiple signals, sexual selection and speciation in lizards
José Martín and Pilar López
Departamento de Ecología Evolutiva. Museo Nacional de Ciencias Naturales, C.S.I.C., Madrid, Spain.
- Oral Presentations:**
- 16:00-16:15 **Lizards "wave their arms" and move their tail to monitor predators**
Amos Bouskila and Sharon Renan
Department of Life Sciences, Ben-Gurion University of the Negev, Israel.
- 16.15-16:30 **Visual and chemical cues in female mate preference of European green lizards (*Lacerta viridis*)**
Herczeg Gábor, Kopena Renáta, Bajer Katalin, Molnár Orsolya, Török János, Pilar López, José Martín
Eötvös Lorand University Pázmány Péter sétány 1/c, Hungary
- 16:30-16:45 **Males prefer adult females with juvenile traits in the spiny-footed lizard, *Acanthodactylus erythrus*.**
Josabel Belliure, Jose Javier Cuervo and Belén Fresnillo
Universidad de Alcalá, Campus Universitario, Alcalá de Henares, Spain
- 16:45-17:15 Coffe Break
- 17.15-17:30 **Foraging behaviour and diet of a Mediterranean lizard on an ephemeral resource**
Pérez-Cembranos, A., Pérez-Mellado, V.
Departamento de Biología Animal, Universidad de Salamanca, 37071 Salamanca (Spain)
- 17:30-17:45 **Altitudinal variation of life-history traits in two lizard populations: a possible example of countergradient variation**
Pablo Iraeta, Alfredo Salvador and José A. Díaz
Facultad de Biología, Universidad Complutense de Madrid, Madrid, Spain
- 17:45-18:00 **Foraging mode versus searching movements: two distinct behaviors in the lacertid *Acanthodactylus schreiberi***
Sharon Renan and Amos Bouskila
Department of Life Sciences, Ben-Gurion University of the Negev, Israel.
- 18:00-18:15 **Lizards in the Aire. On rotten horses and other disgusting things**
Perez-Mellado, V., García-Díez, T., Hernández-Estévez, J.A. and Tavecchia G.
Universidad de Salamanca, Salamanca, Spain
- 19:00 Welcome Party to Bellver Castle

Tuesday, September 7

Session B: Systematic and Phylogeny

Chairman: Richard Brown

- 9:00 – 10:00 **Plenary Lecture**
The impact of molecular data on lacertid taxonomy, and its implications for conservation
D. James Harris
CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos, Vairão, Portugal.
- Oral Presentations**
- 10:00 – 10:15 **New insights into the genetic variability of the Moroccan Rock lizard, *Scelarcis perspicillata*, using nuclear markers**
Ana Perera and D. James Harris
CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; Vairão, Portugal
- 10:15-10:30 **Biogeographic and evolutionary patterns in endemic reptiles from Corsica and Sardinia**
Salvi D., Carretero M.A., Bologna M.A, Harris D.J.
CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; Campus Agrário de Vairão, Vairão, Portugal
- 10:30 – 11:00 Coffee Break
- Oral Presentations**
- 11:00 – 11:15 **About Systematic Position and Distribution of Caucasian Rock Lizard *Darevskia caucasica vadenica* (Darevsky Et Roitberg, 1999)**
Konstantin J. Lotiev, Igor V. Doronin
Zoological Institute, Russian Academy of Sciences, Russia
- 11:15 – 11:30 **Molecular survey of hepatozoon species in lizards from north Africa**
João P. M. C. Maia, D. James Harris, and Ana Perera
CIBIO-UP, Centro de Investigação em Biodiversidade e Recursos Genéticos, Campus Agrario de Vairão, Portugal.
- 11:30 – 12:30 **Plenary lecture**
Systematics, Biogeography and evolution of the Palearctic and Oriental lizard tribe Lacertini
Salvador Carranza
Institute of Evolutionary Biology (CSIC-UPF), Barcelona, Spain
- Oral Presentations**
Chairman: Pilar Lopez
- 15:00-15:15 **Phylogeography of *Psammotromus algirus* (Lacertidae) revisited**
Joaquín Verdú-Ricoy, Salvador Carranza, Alfredo Salvador, Stephen D. Busack, José A. Díaz
Museo Nacional de Ciencias Naturales. CSIC. Madrid, Spain
- 15:15 – 15:30 **Host-parasite associations: no simple answers in *Gallotia* lizards**
Fátima Jorge, Vicente Roca, Ana Perera, D. James Harris, Miguel A. Carretero
CIBIO-UP, Centro de Investigação em Biodiversidade e Recursos Genéticos, Campus Agrario de Vairão, Vairão, Portugal.
- 15:30- 15:45 **Biogeography of *Algyroides marchi*: small range but complex patterns**
M. A. Carretero, N. Sillero, E. García-Muñoz, F. Ceacero, A. Perera, D. J. Harris & J. L. Rubio
CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos, Campus Agrário de Vairão, Vairão, Portugal
- 15:45 – 16:00 **Status of the rare rock lizard, *Darevskia tristis* from pontic mountains**
Milto K. D.
Department of Herpetology, Zoological Institute, St. Petersburg, Russia
- 16:00 – 17:00 **Plenary lecture**
An overview of lizard evolution in the Canary Islands
Brown R.P.
School of Natural Sciences, Liverpool John Moores University, UK
- 18:00 Guided visit to Palma Cathedral

Wednesday, September 8

Excursion to Cabrera Island

More information: <http://reddeparquesnacionales.mma.es/en/parques/cabrera/index.htm>

Thursday, September 9

Session C: Morphology and Biometry

Chairwoman: Claudia Corti

9:00 – 10:00

Plenary Lecture

Understanding phenotypic diversity at micro- and macroevolutionary scales

Dean C. Adams

Department of Ecology, Evolution, and Organismal Biology, Department of Statistics,
Iowa State University, Ames, Iowa, USA

Oral Presentations

10:00- 10:15

Intraspecific ecomorphological variation in *Podarcis bocagei* wall lizards

Antigoni Kaliontzopoulou, Miguel A. Carretero and Gustavo A. Llorente

Centro de Investigação em Biodiversidade e Recursos Genéticos (CIBIO/UP), Vairão, Portugal

10:15 – 10.30

Morphological and skeletochronological studies on four parthenogenetic species of genus *Darevskia* Arribas, 1999.

Marine Arakelyan, Arpine Soghoyan, Çetin Ilgaz, Yusuf Kumlutaş, Salih Hakan Durmuş,
Yahya Tayhan

Yerevan State University, Alek Manukyan, 1, Yerevan 0025, Armenia

10:30 – 11:30

Poster session and coffee break

11:30 – 11.45

Genetic, Ecological, Phenotypic and Geographic Diversity in the *Psammodromus hispanicus* Species Group

Fitze, P. S., Gonzalez-Jimena, V., San-Jose, L. M., San Mauro, D, Aragón, P, Suarez, T, Zardoya, R
Museo Nacional de Ciencias Naturales (MNCN-CSIC), Madrid, Spain

11:45-12:00

Spot the spotless. Computer-aided procedure to identify skin patterns.

JL Mansilla, JM Igual, X Varona, O Moya, G Tavecchia

Fundacion IBIT Parc Bit, Ctra. Valldemossa, km. 7,4, Edifici 17, Planta 3, Palma de Mallorca, Spain

12:00

Closing ceremony



Status of the rare rock lizard, *Darevskia tristis* from pontic mountains

Milto K. D.

Department of Herpetology, Zoological Institute, St. Petersburg, Russia
e-mail: coluber@zin.ru

Abstract: *Lacerta tristis* was described as subspecies of the rock lizard and it was considered within *L. saxicola* species complex. Later this lizard was included in the *rudis*-species group as the western subspecies of *Darevskia rudis tristis*. Our morphological data analysis demonstrates close relationships this form to the Caucasian rock lizards *D. raddei* superspecies. An enlarged rough scales on the external surface of shin are typical for *D. rudis* and are absent in *D. tristis*. *D. tristis* differs from a species group of *D. rudis* by number of scales around the shin, number of scales around midbody, number of body scales row contacted with ventral scale, number of the femoral pores. *D. tristis* has small and elegant body in comparison with robust *D. rudis*. In contrast with sclerophilous *D. rudis* this lizard is a mesophilous species and inhabits forested areas in the Pontic Mountains. Based on the morphological and ecological characters it is suggest to consider *Darevskia tristis* as full species of the rock lizards.