

# **Biodiversity Conservation in the Arabian Peninsula**

edited by

Mike Knight, David Mallon, Philip Seddon

in cooperation with

Environment and Protected Areas Authority

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### **Editors' addresses:**

Mike Knight, South African National Parks & Department of Zoology, Nelson Mandela Metropolitan University, Port Elizabeth, South Africa. – David Mallon, Manchester Metropolitan University, Manchester, United Kingdom. – Philip Seddon, Department of Zoology, University of Otago, Dunedin, New Zealand. – E-mail contact: philip.seddon@stonebow.otago.ac.nz.

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Environment and Protected Areas Authority  
P.O. Box 2926  
Sharjah  
United Arab Emirates  
[www.breedingcentresharjah.com](http://www.breedingcentresharjah.com)

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*Zoology in the Middle East* is a journal which publishes original papers and review papers on ecology, zoogeography, animal biology, biodiversity, faunistics, systematics, and morphology of the Middle East. It seeks to further the understanding of the Middle East as a zoogeographic unit and aims at improving the interchange of knowledge and ideas between specialists on different subjects and taxa. *Zoology in the Middle East* publishes additional volumes ("supplementum") on special subjects at irregular intervals. *Zoology in the Middle East* is a peer-reviewed ISI journal covered in the Science Citation Index Expanded (SCIE) and many other review organs.

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## Foreword

This special issue of *Zoology in the Middle East* was compiled as part of the recognition and celebration of a decade of successful annual conservation workshops hosted by the Sharjah Environment and Protected Areas Authority (EPAA). In early February 2010 the EPAA convened a conference on biodiversity conservation on the Arabian Peninsula, held at the American University of Sharjah, United Arab Emirates. The aim of the meeting was to review past progress and current needs for biodiversity conservation throughout the Arabian Peninsula (see SEDDON, KNIGHT & MALLON, this volume). The conference was opened by its patron, His Highness Dr Sheikh Sultan bin Mohammed al Qassimi, Ruler of Sharjah and Member of the Supreme Council, in a plenary session that featured a review of 10 years of Conservation and Management Planning Workshops for the Fauna of Arabia by Abdulaziz Al Midfa (see article in this volume).

On day one of the conference, invited speakers from regional and international conservation agencies, universities and NGOs in the region, gave presentations designed to highlight the current state of biodiversity on the Peninsula. Topics included reviews of Important Bird Areas, Important Plant Areas, WWF Ecoregions, application of the Hotspot concept, regional conservation agreements, protected area networks, progress towards the development of Trans-Boundary Conservation Areas, and the first results of a systematic conservation assessment for the Peninsula. Day two of the conference had the theme Looking to the Future, with presentations covering the role of captive breeding, habitat restoration, species reintroductions and climate change, and taxonomic reviews including freshwater and marine fish, Arabian leopard, migratory birds, including the houbara bustard, carnivores and small mammals. These talks drew on previous Sharjah conservation workshops and charted a course for a future Regional Red List assessment process. The conference closed with a commitment from all delegates to continue to support the annual Conservation Workshops, and to sustain progress towards integrated conservation strategies and regionally coordinated conservation action.

In this special issue of *Zoology in the Middle East* we have compiled selected peer-reviewed papers dealing with some of the topics covered in the conference. This is not intended to be the conference proceedings, nor is it an exhaustive treatment of regional conservation issues. We have however, taken our lead from the intent of the conference, in compiling contributions that cover a wide taxonomic and regional range, and include a variety of research, planning and conservation management approaches, we have sought to review progress and highlight future directions for biodiversity conservation on the Arabian Peninsula.

Information about past and future Conservation Workshops can be obtained by contacting the Breeding Centre for Endangered Arabian Wildlife, Sharjah, United Arab Emirates (e-mail [breeding@epaa-shj.gov.ae](mailto:breeding@epaa-shj.gov.ae)).

### **Philip Seddon**

University of Otago  
Dunedin  
New Zealand

### **David Mallon**

Manchester Metropolitan University  
Manchester  
United Kingdom

### **Mike Knight**

South African National Parks & Nelson  
Mandela Metropolitan University  
South Africa

