

Main theme	Sub - Theme	Code Number
Natural Resources	Biodiversity	18
<b>Study Name</b>	<b>Animal Biodiversity</b>	
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<b>Date of Study</b>	1996 - 2000	
<b>Objectives</b>	<p>The present study is the first attempt to compile efforts of various Jordanian zoologists to reveal the animal biodiversity elements in the Hashemite Kingdom of Jordan. These objectives are as follows: Identify the animal diversity for some groups of the Jordanian fauna (reptiles and amphibians, mammals, birds and some groups of insects). Study the spatial distribution of these elements; make selective studies on the ecology of some species living in unique ecosystems. And record and publish the result of this study.</p>	
<b>Output and Recommendation</b>	<p>40 species of amphibians and reptiles are reported to occur in the Badia region (Syrian desert) of eastern Jordan. These species represent 13 families (Bufonidae, Randiea, Gekkonidae, Chamaeleonidae, Lacertidae, Aganmidae, Scinicidae, Veranidae, Leptotyphlopidae, Boidae, Colubridae, Elapidae, and Viperidea). Locality records of the specimens collected and a rough ecological description of the study area are provided. Differences in the composition of the psammophilous reptile faunas of the area of Al-azim and Wadi Rum are described. This study presents the first comprehensive inventory of the herpetofauna of the Syrian Desert in Jordan. 40 species were observed in the study areas which are representatives of two amphibian (Ranidae, Bufonidae) and nine reptile families. Al-Hazim situated in the southern part of the study area near the Saudi Arabian –is characterized by the presence of vegetated sand dunes. The area under our study is about 11,210 km<sup>2</sup> in size and represents about 18% of the territory of Jordan. This region harbours about 36% of the number of reptile taxa recorded form Jordan.</p>	
<b>Development Aspects</b>	<p>Jordan Badia is characterized by animal biodiversity and unique of many kinds of fauna.</p> <p>More studies are needed to cover animal biodiversity of Jordan</p> <p>Ecological studies through national and international levels should be take advance place in the research</p>	
<b>Remarks</b>	<p><a href="https://doi.org/10.1080/08941920.2018.1450912">https://doi.org/10.1080/08941920.2018.1450912</a></p>	

