

Spalerosophis dolichospilus

Taxonomic Authority: (Werner, 1923)

Synonyms:

Region: 7

Common Names:

Mograbin Diadem Snake English

Couleuvre diadème du Maghreb French

Order: Ophidia

Family: Colubridae

Notes on taxonomy:

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is present in pre-Saharan and arid zones of southwestern, southern and eastern Morocco, north-central Algeria and western Tunisia. It may also occur in Western Sahara, however there is a need to confirm its presence here. It is found up to 1,000m asl.

Habitat and Ecology Information:

This species is found in dry and arid, stony or boulder strewn regions, including to some extent areas with low intensity traditional agriculture. It is often found hiding in piles of stones or in burrows. Its breeding biology is unknown, but it is probably similar to the related Spalerosophis diadema.

Conservation Measures:

It is currently not known from any protected areas. It is present in the soon to be designated Neura Reserve in Morocco.

Threats:

The threats to this rare species are poorly known. It may be locally threatened by accidental mortality on roads, and animals are caught both for the international pet trade and by local snake charmers.

Species population information:

It seems to be a very rare species with highly fragmented populations.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Algeria	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Morocco	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tunisia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Western Sahara	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FAO Marine Habitats

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced
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Major Lakes

Major Rivers

Upper Level Habitat Preferences

	Score	Lower Level Habitat Preferences	Score
6 Rocky areas (eg. inland cliffs, mountain peaks)	1		
8.4 Desert - Semi-Desert (no trees present)	1		
11.1 Artificial/Terrestrial - Arable Land	2		
11.2 Artificial/Terrestrial - Pastureland	2		

Major threats

Code	Description of threat	Past	Present	Future
3	Harvesting (hunting/gathering)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Cultural/scientific/leisure activities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.5.3	Regional/international trade	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	Accidental mortality	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.2	Collision	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.2.2	Vehicle collision	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Conservation Measures

Code	Conservation measures	In place	Needed
3	Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.2	Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Habitat and site-based actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.4	Protected areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.1	Identification of new protected areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.2	Establishment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.3	Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Utilisation of Species

Purpose/Type of Use	Subsistence	National	International	Other purpose:
13. Pets/display animals, horticulture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Primary farms removed from the wild	100%	> 75%	51-75%	< 25%

Primary forms removed from the wild	100%	>75%	51-75%	26-50%	<25%	Other forms removed from the wild.
1. Whole animal/plant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Source of specimens in commercial trade	100%	>75%	51-75%	26-50%	<25%	Other source of specimens:
Wild	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Trend in wild offtake/harvest in relation to total wild population numbers over last five years:

Trend in offtake/harvest produced through domestication/cultivation over last five years:

CITES:

Red Listing

Red List Assessment: Data Deficient (DD) Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: Listed as Data Deficient since, although it has been recorded over a very wide area, there are only very few records, and very little is known about its status and habitat requirements.

Current Population Trend: Unknown **Date of Assessment:** 12/17/2004

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Notes on Red listing:

Bibliography

Geniez, P., Mateo, J.-A. and Bons, J., 2000, A checklist of the amphibians and reptiles of Western Sahara (Amphibia, Reptilia)., Herpetozoa, , 13(3/4):, 149-163, ,

Pasteur, G., 1967, Un serpent endémique du Maghreb: Sphalerosophis dolichospilus (Werner), Colubridé., Bull. Mus. nat. Hist. nat., Paris (2 sér.), , 39(3), 444-451, ,

Schleich, H.H., Kästle, W. and Kabisch, K., 1996, , Amphibians and Reptiles of North Africa., , 627 pp., Koeltz., Koenigstein.

Bons, J. and Geniez, P., 1996, , Amphibiens et Reptiles du Maroc (Sahara Occidental compris), Atlas biogéographique., , 320 pp., Asoc. Herpetol. Espanola., Barcelona