

Macroprotodon abubakeri

Taxonomic Authority: Wade, 2001

Synonyms:

Region: 7

Common Names:

Order: Ophidia

Family: Colubridae

Notes on taxonomy: The status of this species has recently been confirmed from genetic data (Carranza et al. 2004).

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is known from northwestern Algeria and northeastern Morocco. It also occurs on Habibas Islands (Algeria).

Habitat and Ecology Information:

It apparently lives in semi-arid Mediterranean habitats, and it is thought to lay eggs every two years like *Macroprotodon brevis*.

Conservation Measures:

It is known from the following protected areas in Morocco: Chekhar, Embouchure Moulouya, and Béni Snassen.

Threats:

It is probably threatened by habitat loss for agriculture and urbanisation throughout its range. It is also eaten by wild boar (*Sus scrofa*), although this is unlikely to constitute a significant threat.

Species population information:

There is very little recent information on this species.

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"/>
Spain	<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

3.8 Shrubland - Mediterranean-type Shrubby Vegetation

Score

1

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.1	Crops	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.1.3	Agro-industry farming	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.2	Human settlement	<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"/>
3.1	Taxonomy	<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"/>

Utilisation of Species

Purpose/Type of Use	Subsistence	National	International	Other purpose:
Primary forms removed from the wild	100%	>75%	51-75%	26-50% <25%
Source of specimens in commercial trade	100%	>75%	51-75%	26-50% <25%

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 in view of continuing uncertainties as to its extent of occurrence, status and ecological requirements.

Date of Assessment: 16/17/2004

Current Population Trend: Unknown

Date of Assessment: 12/11/2004

Assessor(s): Jose Antonio Mateo Miras, Ulrich Joger, Juan Pleguezuelos, Tahar Slimani

Notes on Red listing:

Bibliography

Wade, E., 2001, Review of the False Smooth Snake Genus *Macroprotodon* (Serpentes, Colubridae) in Algeria with a Description of a New Species., *Bulletin - Natural History Museum Zoology Series*, , 67(1), 85-107, ,

Carranza, S., Arnold, E.N., Wade, E. and Fahd, S., 2004, Phylogeography of the false smooth snakes, *Macroprotodon* (Serpentes, Colubridae): mitochondrial DNA sequences show European populations arrived recently from Northwest Africa., *Molecular Phylogenetics and Evolution*, , 33: 523-532, ,