

Micrelaps muelleri

Taxonomic Authority: Boettger, 1880

Synonyms:

Region: 8

Common Names:

Erdviper German

Muller's Snake English

Family: Atractaspididae

Order: Ophidia

Notes on taxonomy:

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is restricted to the Levant region where it has been recorded from western Syria, much of Lebanon (except the northeast), the northern half of Israel and northwestern Jordan

Habitat and Ecology Information:

This is a fossorial snake that is associated with terra rosa soils in the Mediterranean biotope (scrub and pine and oak woods). Animals have been collected in suitable habitat within villages. It is an egg laying species.

Conservation Measures:

It is present in protected areas in Lebanon (Bentael protected area) and is believed to be present in protected areas in Jordan. It is protected by national legislation in Israel.

Threats:

Although it has a relatively restricted range, there appear to be no immediate major threats to this species.

Species population information:

It is difficult to determine the population abundance of this species.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Israel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jordan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lebanon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Syrian Arab Republic	<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

3.8 Shrubland - Mediterranean-type Shrubby Vegetation

1

11.1 Artificial/Terrestrial - Arable Land

2

Major threats

Code	Description of threat	Past	Present	Future
13	None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Conservation Measures

Code	Conservation measures	In place	Needed
1	Policy-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2	Legislation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1	Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1.2	National level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.4	Protected areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.4.2	Establishment	<input checked="" type="checkbox"/>	<input 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%

Other forms removed from the wild:

Other source of specimens:

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: Least Concern (LC)

Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: Listed as Least Concern since, although its currently known Extent of Occurrence is not much greater than 20,000 km², it occurs in an area of extensive, suitable habitat which appears not to be under very serious threat, it has a presumed large population, and it is unlikely to be declining fast enough to qualify for listing in a more threatened category.

Current Population Trend: Unknown

Date of Assessment: 12/17/2004

Assessor(s): Ahmad Mohammed Mousa Disi, Souad Hraoui-Bloquet, Riyad Sadek, Yehudah Werner, Pierre-André Crochet

Notes on Red listing:

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