

Zamenis situla

Region: 8

Taxonomic Authority: (Linnaeus, 1758)

Synonyms:

Elaphe situla

Engelmann, Fritzsche, Günther & C

Common Names:

Leopardnatter

German

Leopard Snake

English

Order: Ophidia

Family: Colubridae

Notes on taxonomy: This species is included in Zamenis following Utiger et al. (2002).

General Information

Biome

Terrestrial

Freshwater

Marine

Geographic Range of species:

This species is present in southern Italy (including eastern and southern Sicily) and Malta, and also ranges from southern Croatia (including the Adriatic islands), through southern Bosnia-Herzegovina, Serbia and Montenegro (in southern Montenegro only), Albania (littoral zone), Macedonia, southern Bulgaria and most Greece (including a number of Ionian and Aegean islands), east to Turkey (western Anatolia) and the Crimea of Ukraine. It has been recorded from Cyprus but its presence here remains uncertain. This species is found from sea level up to 1,600 m asl.

Habitat and Ecology Information:

This species is often found in scrubland, macchia, karst habitats, at field edges, in marshes, stream edges, vineyards, olive groves, on stone walls, and in rural gardens and buildings. The females lay about two to eight eggs in a clutch.

Conservation Measures:

This species is listed on Annex II of the Bern Convention and is listed on Annex II of the EU Habitats Directive as a priority species. This species is present in many protected areas.

Threats:

There appear to be no major threats to this species. It is locally threatened in some areas (e.g., Albania) by habitat loss through intensification of agriculture. It is collected for the pet trade in some parts of its range but the current level of exploitation is not considered to be a major threat.

Species population information:

In the Balkans it is a common to uncommon species. In Italy it may be a rare, low-density species. It is believed to be declining in Albania.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Albania	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bosnia and Herzegovina	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bulgaria	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Croatia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cyprus	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Greece	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Italy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Macedonia, the former Yugoslav Republ	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Malta	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turkey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ukraine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Serbia and Montenegro	<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
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1
11.2 Artificial/Terrestrial - Pastureland	2
11.3 Artificial/Terrestrial - Plantations	1
11.4 Artificial/Terrestrial - Rural Gardens	1

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
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Conservation Measures

Code	Conservation measures	In place	Needed
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5	Persecution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	Policy-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.2	Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2	Legislation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					1.2.1	Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					1.2.1.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					1.2.2	Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					1.2.2.1	International 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"/>
					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:	
13. Pets/display animals, horticulture		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
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:	Unknown					
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 in view of its wide distribution, presumed large population, and because it is unlikely to be declining fast enough to qualify for listing in a more threatened category.

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

Assessor(s): Wolfgang Böhme, Petros Lymberakis, Rastko Ajtic, Varol Tok, Ishmail Ugurtas, Murat Sevinç, Pierre-André Crochet, Claudia Cor

Notes on Red listing:

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