

Zamenis lineatus

Region: 1

Taxonomic Authority: Suckow, 1798

Synonyms:

Common Names:

Italian Aesculapian Snake English
Saettone occhirossi Italian

Order: Ophidia

Family: Colubridae

Notes on taxonomy: This species is included in Zamenis following Utiger et al. (2002). It was separated from Z. longissimus by Lenk and Wüster (1999).

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is restricted to southern Italy including Sicily. It ranges from sea level up to 1,600 m asl.

Habitat and Ecology Information:

It is found in dry, open woodlands and shrubland, field edges, traditionally cultivated land, stone walls and old buildings. It is an oviparous species.

Conservation Measures:

It is listed on Annex III of the Bern Convention, and it is known to occur in some protected areas.

Threats:

The threats to this species are not known.

Species population information:

There is little recent information on its abundance.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Italy	<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
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Major Lakes

Major Rivers

Upper Level Habitat Preferences

	Score
1.4 Forest - Temperate	1
3.4 Shrubland - Temperate	1
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1
11.1 Artificial/Terrestrial - Arable Land	2
11.2 Artificial/Terrestrial - Pastureland	1
11.4 Artificial/Terrestrial - Rural Gardens	2
11.5 Artificial/Terrestrial - Urban Areas	2

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
12	Unknown	<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"/>
1.2.1.1	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"/>
3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.4	Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.9	Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Habitat and site-based actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.4	Protected areas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

4.4.2 Establishment



4.4.3 Management



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% <i>Other forms removed from the wild:</i>
Source of specimens in commercial trade	100%	>75%	51-75%	26-50% <25% <i>Other source of specimens:</i>

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 the absence of recent information on its threats and conservation status.

Current Population Trend: Unknown

Date of Assessment: 12/17/2004

Assessor(s): Claudia Corti

Notes on Red listing:

Bibliography

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Lenk, P. and Joger, U., 1994, Genetic relationships between populations and intraspecific subdivision of *Elaphe longissima* (Laurenti, 1768) as suggested by plasma protein electrophoresis and DNA fingerprint., *Amphibia-Reptilia*, , 15, 363-373, ,

Lenk, P. and Wüster, W., 1999, A multivariate approach to the systematics of Italian rat snakes of the *Elaphe longissima* complex (Reptilia, Colubridae): revalidation of Camerano's *Callopeltis longissimus* var. *lineata*., *The Herpetological Journal*, , 9(4), 153-162, ,

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Utiger, U., Helfenberger, N., Schätti, B., Schmidt, C., Ruf, M. and Ziswiler, V., 2002, Molecular systematics and phylogeny of Old World and New World ratsnakes, *Elaphe* Auct., and related genera (Reptilia, Squamata, Colubridae)., *Russian Journal of Herpetology*, , 9(2):, 105-124, ,