

Hierophis gyarosensis

Region: 16

Taxonomic Authority: (Mertens, 1968)

Synonyms:

Coluber gemonensis gyarosensis Mertens, 1968

Common Names:

Gyaros Whip Snake English
Balkan-Zornatter German

Order: Ophidia

Family: Colubridae

Notes on taxonomy: Formerly included in the genus Coluber.

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is endemic to the island of Gyaros (Greece) in the Aegean Sea. It is a lowland species.

Habitat and Ecology Information:

This species is found in dense ground cover in dry, scrubland habitat.

Conservation Measures:

This species is listed on Annex III of the Bern Convention.

Threats:

This species has a very restricted distribution and presumably a small population size. Any collection of specimens may lead to a population decline.

Species population information:

It was apparently not uncommon during the 1960s.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Greece	<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

3.8 Shrubland - Mediterranean-type Shrubby Vegetation

Score 1

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
3	Harvesting (hunting/gathering)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Cultural/scientific/leisure activities	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5.2	Sub-national/national trade	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5.3	Regional/international trade	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Intrinsic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.9	Restricted range	<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"/>
1.2.1.3	Sub-national level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.2	Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.2.3	Sub-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"/>
3.4	Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.8	Conservation measures	<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 type="checkbox"/>	<input checked="" type="checkbox"/>
4.1	Maintenance/Conservation	<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"/>

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%
				Other forms removed from the wild:

Source of specimens in commercial trade 100% >75% 51-75% 26-50% <25% *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: Vulnerable (VU)

Possibly Extinct

Red List Criteria: D2

Rationale for the Red List Assessment: Listed as Vulnerable because it is known from only a single location.

Current Population Trend: Unknown

Date of Assessment:

Assessor(s):

Notes on Red listing:

Bibliography

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Böhme, W., 1993, Coluber gyrosensis - Gyaros-Pfeilnatter., , Handbuch der Reptilien und Amphibien Europas, Band 3/I., Schlangen (Serpentes) I., Böhme, W., , pp. 111-114, Aula-Verlag, Wiesbaden

Mertens, R., 1968, Eine schwarze Zornnatter von den Cycladen: Coluber gemonensis gyrosensis n. subsp., Senck. Biol., , 46(1), 5-9, ,

Nagy, Z.T., Schmidler, J.F., Joger, U. and Wink, M., 2004, Systematik der Zwergnattern (Reptilia: Colubridae: Eirenis) und verwandter Gruppen anhand von DNA-Sequenzen und morphologischen Daten., Salamandra, , 39(3/4), 149-168, ,

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