

Speleomantes flavus

Taxonomic Authority: (Stefani, 1969 "1968")

Synonyms:

Region: 10

Common Names:

geotritone del Monte Albo Italian
 Monte Albo Cave Salamander English
 Stefani's Salamander English

Order: Caudata

Family: Plethodontidae

Notes on taxonomy:

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is endemic to the Monte Albo chain of northeastern Sardinia (Italy). It has been collected between 40m and 1,050m asl.

Habitat and Ecology Information:

The species is found in damp mountain regions, rocky outcrops, caves, crevices, and forested areas in the vicinity of streams. The preferred habitat often has a good covering of damp moss. It reproduces through the direct development of a few terrestrial eggs.

Conservation Measures:

The species is listed on Appendix II of the Berne Convention and on Annex IV of the EU Natural Habitats Directive. It has been recorded from the Parco Geominerario, Storico ed Ambientale della Sardegna.

Threats:

There are no threats identified other than some localised loss of habitat. However, these threats are limited, and it is not believed to be significantly threatened.

Species population information:

It is locally common within its limited range; there are no reports of any major declines.

Country Distribution

Italy Native - Presence Confirmed Native - Presence Possible Extinct Reintroduced Introduced Vagrant

FAO Marine Habitats

Native - Presence Confirmed Native - Presence Possible Extinct Reintroduced Introduced

Major Lakes

Major Rivers

Upper Level Habitat Preferences

	Score
1.4 Forest - Temperate	1
6 Rocky areas (eg. inland cliffs, mountain peaks)	1
7.1 Caves and Subterranean Habitats (non-aquatic) - Caves	1
7.2 Caves and Subterranean Habitats (non-aquatic) - Other Subterranean Habitats	1

Lower Level Habitat Preferences

	Score
Mixed Forest	2

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"/>
1.4	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"/>
1.4.3	Tourism/recreation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Intrinsic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.2	Poor recruitment/reproduction/regeneration	<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"/>
1.1	Management plans	<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"/>
3.4	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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

4.1	Maintenance/Conservation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.4	Protected areas	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.4.3	Management	<input checked="" 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%	<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: Not listed					

Red Listing

Red List Assessment: Vulnerable (VU)

Possibly Extinct

Red List Criteria: D2

Rationale for the Red List Assessment: Listed as Vulnerable because it occurs in fewer than five locations.

Current Population Trend: Stable

Date of Assessment: 12/17/2004

Assessor(s): Roberta Lecis, Franco Andreone, Paul Edgar, Claudia Corti

Notes on Red listing:

Bibliography

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