

# Salamandra corsica

Region: 10

Taxonomic Authority: Savi, 1838

**Synonyms:**

Salamandra salamandra corsica Savi, 1838

Order: Caudata

**Common Names:**

Corsican Fire Salamander English

Family: Salamandridae

**Notes on taxonomy:**

**General Information**

Biome  Terrestrial  Freshwater  Marine

**Geographic Range of species:**

This species is endemic to the island of Corsica, France, where it is found throughout the island with the exception of the Capo Corso in the north. It is found at altitudes of 50 - 1,750m, but is commonest from 500 - 1,300m asl.

**Habitat and Ecology Information:**

It is found in a wide variety of habitats particularly mixed and deciduous woodland (Beech, Sweet Chestnut and Pine). This species gives birth to well developed larvae that complete metamorphosis in streams, ponds and other waters; fully metamorphosed young are occasionally produced.

**Conservation Measures:**

This species is listed on Appendix III of the Berne Convention. It occurs in several protected areas.

**Threats:**

The main threats to this species are loss of woodland habitat (especially as a result of forest fires). However, it is not believed to be significantly at risk.

**Species population information:**

It is common in suitable habitat.

**Country Distribution**

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
France	<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	<b>Lower Level Habitat Preferences</b>	Score
1.4 Forest - Temperate	1	Deciduous Broadleaf Wood	1
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	2	Mixed Forest	1
5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1	Urban	1
5.2 Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	1		
5.4 Wetlands (inland) - Bogs, Marshes, Swamps, Fens, Peatlands	2		
5.7 Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	1		
5.8 Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	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"/>
1.7	Fires	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Pollution (affecting habitat and/or species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.1	Atmospheric pollution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.1.2	Acid precipitation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3	Water pollution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.2	Domestic	<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"/>

3.8	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% <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:** Least Concern (LC)  Possibly Extinct

#### **Red List Criteria:**

**Rationale for the Red List Assessment:** Listed as Least Concern since, although its Extent of Occurrence is less than 20,000 km<sup>2</sup>, it occurs in an area of extensive, suitable habitat which appears not to be under significant 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:** Stable

**Date of Assessment:** 12/17/2004

**Assessor(s):** Claude Miaud, Marc Cheylan

**Notes on Red listing:**

### Bibliography

- Arnold, E.N., 2003, , Reptiles and amphibians of Europe, , , 288, Princeton University Press,
- Steinfartz, S., Veith, M. and Tautz, D., 2000, Mitochondrial sequence analysis of Salamandra taxa suggests old splits of major lineages and postglacial recolonisations of Central Europe from distinct source populations of Salamandra salamandra, Molecular Ecology, , , 9, 397-410, ,
- Thorn, R., 1968, Les Salamandres d'Europe, d'Asia, et d'Afrique du Nord, , , , 376 pp, Éditions Paul Lechevalier, Paris
- , 1997, , Atlas of Amphibians and Reptiles in Europe, Gasc, J.-P., , 494, Societas Europea Herpetologica & Museum National d'Histoire Naturelle, Paris
- Böhme, W, Grossenbacher, K. and Thiesmeier, B., 1999, , Handbuch der Reptilien und Amphibien Europas, band 4/I:Schwanzlurche (Urodela), , , , Aula-Verlag, Wiesbaden, Germany.
- Veith, M., Steinfartz, S., Zardoya, R., Seitz, A. and Meyer, A., 1998, A molecular phylogeny of "true" salamanders (family Salamandridae) and the evolution of terrestriality of reproductive modes, Journal of Zoological Systematics and Evolutionary Research, , , 36, 7-16, ,