

# Discoglossus sardus

Taxonomic Authority: Tschudi, 1837

Synonyms:

Region: 10

Common Names:

discoglossus sardo Italian  
Tyrrhenian Painted Frog English

Order: Anura

Family: Discoglossidae

Notes on taxonomy:

## General Information

Biome

Terrestrial  Freshwater  Marine

### Geographic Range of species:

The species is mainly restricted to the islands of Sardinia, Italy and Corsica, France (where it is absent from the high mountains in the centre of the island), with other populations occurring on a number of smaller Mediterranean islands in the Tyrrhenian Sea, and on the Monte Argentario peninsula of the Italian mainland (Tuscany), and also the islands of Port-Cros and Le Levant in the south of France. It has been recorded at elevations from sea level to 1,770m asl (Sardinia).

### Habitat and Ecology Information:

The species inhabits a wide range of aquatic and terrestrial habitats including still and slow-running waters in open or wooded (coniferous and broadleaf) areas and maccia; it may even occur in slightly brackish pools. The eggs are deposited between aquatic vegetation in streams, and the larvae develop in these streams. The species can tolerate some habitat disturbance.

### Conservation Measures:

The species is listed on Appendix II of the Berne Convention and is also listed on Annex IV of the EU Natural Habitats Directive. It is protected by national legislation in Italy. It has been recorded from Parco Regionale Sette Fratelli and Parco Nazionale Gennargentu-Golfo di Orosei in Sardinia. Further investigations into the genetic diversity of this species are needed. It occurs in the Parc National Port Cros in France.

### Threats:

It is threatened by general loss of suitable woodland and aquatic habitats. Aquatic habitats used by this species on Corsica (and presumably on Sardinia) are being lost through damming of streams and increased water abstraction for tourism. However, overall this species does not appear to be significantly threatened.

### Species population information:

This species is still relatively common in suitable habitat in both Sardinia and Corsica. Little is known about mainland populations of Tuscany, although it is possible that they are threatened due to their probable small size. Populations on Port Cros have increased following the eradication of introduced fish: Gambusia and Scardinius erythrophthalmus.

## 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"/>
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

## Major Lakes

## Major Rivers

## Upper Level Habitat Preferences

Score

## Lower Level Habitat Preferences

Score

1.4	Forest - Temperate	1	Deciduous Broadleaf Wood	1
5.1	Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1	Forest and Field	1
5.2	Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	1	Mixed Forest	1
5.7	Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	1	Small Leaf Mixed Woods	1
5.8	Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	1		

## 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"/>
1.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.1	Crops	<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"/>

1.1.1.3	Agro-industry farming	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.3	Extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1.2	National level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.3.7	Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2	Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.4.3	Tourism/recreation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2.2	National level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.4.6	Dams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					3.1	Taxonomy	<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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					4.1	Maintenance/Conservation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					4.4	Protected areas	<input checked="" 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:** 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):** Franco Andreone, Roberta Lecis, Claude Miaud, Claudia Corti

#### **Notes on Red listing:**

### Bibliography

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