

Discoglossus galganoi

Region: 10

Taxonomic Authority: Capula, Nascetti, Lanza, Bullini and Crespo, 1985

Synonyms:

Discoglossus hispanicus Lataste, 1879

Common Names:

Iberian Painted Frog English
Sapillo Pintojo Ibérico Spanish

Order: Anura

Family: Discoglossidae

Notes on taxonomy:

General Information

Biome

Terrestrial Freshwater Marine

Geographic Range of species:

The species is endemic to the Iberian Peninsula (Portugal and most of western Spain), where it is found at altitudes ranging from sea level to 1,940m asl (Piedrahita, Spain).

Habitat and Ecology Information:

It is generally found within or in the direct vicinity of water (with surrounding dense vegetation), including still waters, swamps, mountain streams, drinking troughs and sometimes-brackish waters. The terrestrial habitats of the species occur on granite and other metamorphic rocks, and include sandy areas close to the sea, open areas, meadows, thickets, gulleys and woodland edges. The species breeds, and larval development takes place, within shallow permanent or temporary waterbodies. It is often present in slightly modified areas, such as traditional farmland.

Conservation Measures:

This species is listed on Appendix II of the Berne Convention and is also listed on Annex IV of the EU Natural Habitats Directive. The species is protected by national legislation in Spain and is listed in the Spanish national Red Data Book. It has been recorded from Doñana, Islas Atlánticas de Galicia, and Cabañeros National Parks, Spain. There is a need to further clarify the distribution of this species and the related *Discoglossus jeanneae*.

Threats:

The main threats to this species are both a general intensification of agriculture and the introduction of predatory fishes and crustaceans (especially the Louisiana Crayfish - *Procamabrus clarkii*) through much of the species range. Desertification is a threat to the species in the more arid parts of its range such as southern Portugal. Additionally, hydroelectric projects are leading to habitat loss in parts of Portugal. However, overall this species is probably not seriously threatened at present.

Species population information:

In Spain, it is abundant over much of its range (with the exception of the northeastern populations), while in Portugal the species may be locally abundant in fragmented populations.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Portugal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spain	<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	Marsh Wetland	1
3.4 Shrubland - Temperate	1	Mire, Bog, Fen	1
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1		
5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1		
5.2 Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	1		
5.4 Wetlands (inland) - Bogs, Marshes, Swamps, Fens, Peatlands	1		
5.7 Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	1		
5.8 Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	1		
10.2 Coastline - Sand, Shingle or Pebble Shores (incl. sand bars, spits, sandy islets, dune systems)	1		

11.1 Artificial/Terrestrial - Arable Land	2
11.2 Artificial/Terrestrial - Pastureland	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"/>
1.1.1.3	Agro-industry farming	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.4	Livestock	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.4.3	Agro-industry	<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"/>
1.4.1	Industry	<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"/>
1.4.6	Dams	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Invasive alien species (directly affecting the species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Predators	<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"/>
6.3	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"/>
7	Natural disasters	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7.1	Drought	<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"/>
1.2.1.2	National 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"/>
1.2.2.2	National level	<input checked="" type="checkbox"/>	<input 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 checked="" 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%	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: 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, tolerance of a degree of habitat modification, 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: Decreasing Date of Assessment: 12/17/2004

Assessor(s): Jaime Bosch, Pedro Beja, Miguel Tejedó, Miguel Lizana, Iñigo Martínez-Solano, Alfredo Salvador, Mario García-París, Ernesto R

Notes on Red listing:

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