

Alytes cisternasii

Taxonomic Authority: Boscá, 1879

Synonyms:

Region: 10

Common Names:

Iberian Midwife Toad English
Sapo Partero Ibérico Spanish

Family: Discoglossidae

Order: Anura

Notes on taxonomy:

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is restricted to southern and eastern Portugal and western and central Spain. It is present at elevations of 100 - 1,300m asl.

Habitat and Ecology Information:

This species is closely associated with meadows and open oak (Quercus) forests, most often in sandy areas, in which the adults may excavate. Reproduction and larval development takes place in temporary waterbodies (most often stream habitats); larval development is relatively long in this species and may last more than one season. The species is not very adaptable.

Conservation Measures:

The species is listed on Appendix II of the Berne Convention and listed on Annex IV of the EU Natural Habitats Directive. It is protected by national legislation in Spain, and is recorded in a number of national and sub-national Red Data Books. The species is known to occur in Cabañeros and Doñana National Parks, Spain.

Threats:

The main threats to this species are the loss of suitable Mediterranean forest habitat, the introduction of predatory fishes and Louisiana Crayfish (*Procamabrus clarkii*) to aquatic habitats, and the loss of suitable aquatic habitats through pollution, canalisation, dams, and urbanisation. A potential future threat is the fungal disease chytridiomycosis, which has already impacted the related *Alytes obstetricans* in Spain.

Species population information:

This species population may be locally common in suitable habitat, and is more abundant in the western part of its range. Population declines in this species have been observed in Spain, perhaps in particular because of introduced predators.

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
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Major Lakes

Major Rivers

Upper Level Habitat Preferences

	Score
1.4 Forest - Temperate	1
3.4 Shrubland - Temperate	1
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1
5.2 Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	1
5.8 Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha)	1
11.2 Artificial/Terrestrial - Pastureland	1
12.3 Artificial/Aquatic - Aquaculture Ponds	1

Lower Level Habitat Preferences

	Score
Mediterranean Scrub	1
Urban	1
Woody Savanna	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"/>
1.1	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"/>

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"/>

1.1.5	Abandonment	<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"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2 Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.4.2	Human settlement	<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"/>
1.4.6	Dams	<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"/>
2	Invasive alien species (directly affecting the species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3 Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Predators	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.2 Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	Changes in native species dynamics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3.3 Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.5	Pathogens/parasites	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3.4 Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Intrinsic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.5 Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.7	Slow growth rates	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.8 Conservation measures	<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: Near Threatened (NT) Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: Listed as Near Threatened because this species is probably in significant decline (but probably at a rate of less than 30% over ten years), thus making the species close to qualifying for Vulnerable.

Current Population Trend: Decreasing

Date of Assessment: 12/17/2004

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

Notes on Red listing:

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