

Pelodytes ibericus

Region: 10

Taxonomic Authority: Sánchez-Herráiz, Barbadillo, Machordom and Sanchiz, 2000

Synonyms:

Common Names:

Sapillo Moteado Ibérico Spanish

Order: Anura

Family: Pelodytidae

Notes on taxonomy: This species was previously included within *Pelodytes punctatus*. Further systematic studies are required to more clearly determine the distribution of *P. ibericus*.

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is endemic to southeastern Portugal and southern Spain. Further investigations into the range of this recently described species are needed in Portugal. It is present from sea level to approximately 1,450m asl in Granada province, Spain.

Habitat and Ecology Information:

It can be found in dry or slightly damp open habitats including open woods, shrubland, salt marshes and cultivated areas. It can survive in intensively farmed areas. It breeds after rain in shallow sunny ponds (up to 1.5m deep), lagoons, stream backwaters, drains, roadside ditches and possibly in salt marshes. It is present in some modified habitats (such as non-intensively farmed fields).

Conservation Measures:

It is listed on Appendix III of the Convention on the Conservation of European Wildlife and Natural Habitats (Berne Convention). It is listed in the Regional Catalogue of Andalucía, Spain. It is not yet protected by national legislation. It is present in Doñana and Sierra Nevada National Parks, Spain.

Threats:

Loss of suitable freshwater breeding habitats (including stream channelisation) is a threat as is habitat fragmentation. Predation of larvae and adults by exotic fish and Louisiana Crayfish (*Procambarus clarkii*) introductions is also a threat.

Species population information:

It is locally abundant in suitable habitat in Spain, and it is increasing in Donana. It is considered to be scarce in Portugal.

<u>Country Distribution</u>	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"/>

<u>FAO Marine Habitats</u>	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced
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Major Lakes

Major Rivers

<u>Upper Level Habitat Preferences</u>	Score	<u>Lower Level Habitat Preferences</u>	Score
1.4 Forest - Temperate	1		
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1		
5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	2		
5.6 Wetlands (inland) - Seasonal/Intermittent Freshwater Lakes (over 8ha)	1		
5.7 Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	1		
5.16 Wetlands (inland) - Permanent Saline, Brackish or Alkaline Marshes/Pools	2		
11.1 Artificial/Terrestrial - Arable Land	2		
11.2 Artificial/Terrestrial - Pastureland	2		
12.2 Artificial/Aquatic - Ponds (below 8ha)	2		
12.5 Artificial/Aquatic - Excavations (open)	2		
12.9 Artificial/Aquatic - Canals and Drainage Channels, Ditches	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"/>

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"/>

1.1.1	Crops	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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"/>
1.1.4	Livestock	<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"/>
1.1.4.3	Agro-industry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1.3	Sub-national level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.3	Extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2	Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.3.6	Groundwater extraction	<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"/>
2	Invasive alien species (directly affecting the species)	<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"/>
2.2	Predators	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2.3	Sub-national level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Pollution (affecting habitat and/or species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.3	Water pollution	<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"/>
6.3.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" 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"/>
					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%
Source of specimens in commercial trade	100%	>75%	51-75%	26-50% <25%
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 relatively 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: Stable **Date of Assessment:** 12/17/2004

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

Notes on Red listing:

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