Rana perezi

Taxonomic Authority:	Seoane, 1885
Synonyms:	

Order: Anura Notes on taxonomy:

General Information

Biome

Geographic Range of species:

This species is found in southern France and across the whole of the Iberian Peninsula. It has been introduced to the Balearic Islands, and the Canary Islands (Spain), two sites in the United Kingdom (Sheppey, Kent and Newdigate, Surrey) and Madeira and the Azores (Portugal) (the distribution in the Azores requires further details and is incompletely mapped here). It occurs from sea level up to 2,380m asl (Sierra Nevada, Spain).

✓ Terrestrial

Conservation Measures:

It is listed on Annex III of the Berne Convention and on Annex V of the EU Natural Habitats Directive. It is recorded in the national Red Data Book of Spain, and several regional Red Data Books. It occurs in many protected areas including Doñana and Cabañeros National Parks in Spain. In Portugal it is present in Peneda-Gerês National Park, where the population of Carris Lake has been impacted by disease. Further research into the impacts of disease on this species is needed.

Region: 10

Common Names: Perez's Frog

Rana Común Family:

English

Ranidae

Spanish

Freshwater

Habitat and Ecology Information:

It inhabits a wide variety of temporary and permanent waterbodies (pools, streams, ditches, irrigation canals etc.). The terrestrial habitats of the species include forests, Mediterranean-type scrub, agricultural areas, rocky areas, coastal marshes, gardens and urban parks. It breeds in various aquatic habitats, and is able to tolerate some habitat disturbance.

Marine

Threats:

There are generally no major threats to this widespread species. Localised threats include changes in habitat through the loss of traditional agricultural methods, drainage or pollution of wetlands, collection of individuals for human consumption and hybridisation with introduced farmed European ranids (R. esculenta complex). Mortality of the species through disease (iridovirus) has been recorded in Carris Lake, Peneda-Gerês National Park, Portugal. The disease may be nonnative and have been transferred to the lake by an introduced predatory fish (Lepomis gibbosus). Predation by L. gibbosus and other introduced predatory fish species occurs but is probably not a threat, and it is not greatly threatened in Portugal by the expansion of nonnative predatory crayfish (Beja, pers. comm.). In France, it is being displaced within some of its range by the introduced species Rana ridibunda.

Species population information:

It is generally widespread and common over much of the Iberian Peninsula, while populations in France are reported to be scarce and dispersed (Gasc et al., 1997).

Country Distribution	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
France	\checkmark					
Portugal	\checkmark				\checkmark	
Spain	\checkmark				\checkmark	
United Kingdom					\checkmark	
FAO Marine Habitats	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	

Major Lakes

Major Rivers

Up	per Level Habitat Preferences	Score	Lower Level Habitat Preferences	Score		
1.4	Forest - Temperate	1	Cool Crops and Towns	2		
3.4	Shrubland - Temperate	1	Crops and Towns	2		
3.8	Shrubland - Mediterranean-type Shrubby Vegetation	1	Deciduous Broadleaf Wood	1		
5.1	5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1	Forest and Field	1		
			Grass Crops	2		
5.2	Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	2	Marsh Wetland	1		
			Mediterranean Scrub	1		
5.4 Wetlands (inland) - Bogs, Marshes, Swamps, Fens, Peatlands		ands 1	Miro Rog Fon	1		
5.5	5.5 Wetlands (inland) - Permanent Freshwater Lakes (over 8ha) 1		Mire, Bog, Fen			

	Vetlands (inland) - Seasonal/Intermittent Freshwater Lakes over 8ha)	2
	Vetlands (inland) - Permanent Freshwater Marshes/Pools under 8ha)	1
	Vetlands (inland) - Seasonal/Intermittent Freshwater /larshes/Pools (under 8ha)	2
	Coastline - Sand, Shingle or Pebble Shores (incl. sand bars, pits, sandy islets, dune systems)	2
11.1 A	Artificial/Terrestrial - Arable Land	2
11.5 A	Artificial/Terrestrial - Urban Areas	2

Major threats

Mixed Forest Woody Savanna

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Conservation Measures

Code	Description of threat	Past Present Future		Code	Conservation mea		asures	In place	Needed	
1	Habitat Loss/Degradation (human induced)	\checkmark	\checkmark	\checkmark	1	Policy-ba	sed actio	ns	\checkmark	\checkmark
1.1	Agriculture	✓	\checkmark	\checkmark	1.2	Legislation			\checkmark	\checkmark
1.1.1	Crops	\checkmark	\checkmark	\checkmark	1.2.1	Development			\checkmark	
1.1.1.3	Agro-industry farming	> > >	\checkmark	\checkmark	1.2.1.1	International level		\checkmark		
1.1.4	Livestock	\checkmark	\checkmark	\checkmark	1.2.1.2	2 National	level		\checkmark	
1.1.4.3	Agro-industry	\checkmark	\checkmark	\checkmark	1.2.2	Implementation			\checkmark	\checkmark
2	Invasive alien species (directly affecting the	 Image: A start of the start of	\checkmark	\checkmark	1.2.2.1	International level		\checkmark	\checkmark	
	species)	_	_	_	1.2.2.2	2 National	level		\checkmark	\checkmark
2.1	Competitors	✓	\checkmark	✓	3	Research	n actions			\checkmark
2.4	Pathogens/parasites		✓	✓	3.2	Populatio	on numbe	rs and range		\checkmark
3	Harvesting (hunting/gathering)	✓	✓	✓	3.3	Biology a	nd Ecolo	ду		\checkmark
3.1	Food	✓	\checkmark	✓	3.4	Habitat s	tatus			\checkmark
3.1.2	Sub-national/national trade	✓	\checkmark	✓	3.5	Threats				\checkmark
6	Pollution (affecting habitat and/or species)	✓	\checkmark	✓	3.6	Uses and	d harvest	levels		\checkmark
6.3	Water pollution	✓	\checkmark	✓	3.8	Conserva	ation mea	sures		\checkmark
6.3.1	Agriculture	✓	\checkmark	✓	3.9	Trends/M	Ionitoring			\checkmark
					4	Habitat a	nd site-ba	ased actions	\checkmark	\checkmark
					4.1	Maintena	ince/Cons	servation		\checkmark
					4.4	Protected	d areas		\checkmark	\checkmark
					4.4.2	Establish	iment		\checkmark	
					4.4.3	Manager	nent		\checkmark	\checkmark
					5	Species-	based act	ions		\checkmark
					5.3	Sustaina				\checkmark
					5.3.1	Harvest management			\checkmark	
					5.5	Disease, pathogen, parasite management				\checkmark
Utilisat	ion of Species									
		Suk	osistence	,	National	l Intorn	ational	Other purpose:		
Purpose/Type of Use 1. Food - human						I International Other purpose:		Other purpose.		
		00/		F 4		DC 50%	-05%			
	•)0% 7	>75%	-	-75%	26-50%	<25%	Other forms removed fr	om the w	lia:
	le animal/plant			-						
	•	0%	>75%	_	-75%	26-50%	<25%	Other source of specim	ens:	
Wild				-						
	n wild offtake/harvest in relation to total v	-	-				-	Unknown		
	n offtake/harvest produced through dome	estica	tion/cultiv	/atior	n over la	ast five ye	ars:			
CITES:	Not listed									
Red L	isting									
Red List Assessment: Least Concern (LC) Possibly Extinct										
	st Criteria:				·	, <u>-</u> ,				
	Rationale for the Red List Assessment: Listed as Least Concern in view of its wide distribution, tolerance of a broad range of habitats,									
presumed large population, and because it is unlikely to be declining fast enough to qualify for listing in a more threatened category.										
Curren	t Population Trend: Stable				Date o	of Assess	ment:	4/5/2004		
Assess	or(s): Jaime Bosch, Miguel Tejedo, Pedr	o Beja	a, Iñigo Ma	rtínez	z-Solanc	, Alfredo S	Salvador,	Mario García-París, Ernest	o Recuerc	o Gil, Tre
Notes on Red listing:										

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