Rana cretensis				Region:	10					
Taxonomic Authority:	Beerli, Hotz, Tunner, Hepp 1994	oich and Uzze	ell,							
Synonyms:				Common Names:						
Onder: Apuro				Cretan Frog			English			
Order: Anura  Notes on taxonomy:	The species status of Ran	a cratansis is	"confirm	Family:	Ranid		s and a large num	her of private a	allozvme	
Notes on taxonomy.	alleles not found in any oth					A Sequence	s and a large num	iber of private a	mozymic	
General Information	on									
Biome	<u></u> Terres	trial	<b>✓</b> Fr	reshwater		Mari	ne			
	to the island of Crete, Greed lowlands over a wide area.				ated with narshes.	wetlands in Breeding a	tion: ncluding slow mov and larval develop			
Conservation Measures				Threats:						
The species is listed on a in many protected areas, research into the popular is urgently needed.	r	The loss of aquatic habitats is the principal threat to this species. Extraction of stream water in the uplands for agricultural irrigation [bananas] leaves many lowland reaches dry during the summer months. Additional habitat loss may be occurring through infrastructure and tourism development. It might be impacted by the introduction of Rana catesbeiana. Implementation of protection is not in place.								
Species population info										
to find in dry years.	particularly abundant, and is	s especially di	mcult							
	Native -	Native -								
Country Distribution	Presence Confirmed	Presence Possible	Extin	nct Reintrod	duced I	ntroduced	Vagrant			
Greece	<u>V</u>									
FAO Marine Habita	Native - Presence Confirme			nct Reintro	duced	Introduced				
Major Lakes  Major Rivers										
Upper Level Habit	at Preferences	:	Score	Lower Lo	evel H	abitat Pr	eferences		Score	
3.8 Shrubland - Medite	rranean-type Shrubby Vege	tation	1	Marsh Wetl	land				1	
<ol> <li>Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)</li> </ol>			1	Mire, Bog, I	Fen				1	
5.2 Wetlands (inland) - Rivers/Streams/Cro	Seasonal/Intermittent/Irregueeks	ular	1							
, ,	Bogs, Marshes, Swamps, F									
	Permanent Freshwater Lak Seasonal/Intermittent Fresh									
(over 8ha) (	Permanent Freshwater Ma		1							
(under 8ha)	Seasonal/Intermittent Fresh		1							
Marshes/Pools (un	,									
11.3 Artificial/Terrestrial	- Plantations		1							
Major threats				Conserv	ation	Measure	<u>s</u>			
Code Description of	threat	Past Present	Future	Code Cor	nservati	on measur	es	In place	Needed	
	gradation (human induced)	<b>Y Y</b>	<b>✓</b>		•	d actions		<b>✓</b>		
1.1 Agriculture			<b>✓</b>	_	islation			<b>✓</b>		
1.1.1 Crops 1.1.1.3 Agro-industry fal	rmina	<b>V V</b>	<b>✓</b>	1.2.1 Dev 1.2.1.1 Inte	/elopme			<b>✓</b>		
1.1. Agro-industry late 1.3 Extraction	ming	<b>&gt; &gt; &gt;</b>	<b>∨</b>		lementa			<b>✓</b>		

1.3.6	Groundwater extraction	<b>✓</b>	<b>✓</b>	<b>✓</b>	1.2.2.	1 International level	<b>✓</b>	
1.3.7	Other	<b>✓</b>	<b>✓</b>	<b>✓</b>	3	Research actions		<b>✓</b>
1.4	Infrastructure development	<b>✓</b>	<b>✓</b>	<b>✓</b>	3.2	Population numbers and range		<b>✓</b>
1.4.2	Human settlement	<b>✓</b>	<b>✓</b>	<b>✓</b>	3.3	Biology and Ecology		<b>✓</b>
1.4.3	Tourism/recreation	<b>✓</b>	<b>✓</b>	<b>✓</b>	3.4	Habitat status		<b>✓</b>
2	Invasive alien species (directly affecting the	<b>✓</b>	<b>✓</b>	<b>✓</b>	3.5	Threats		<b>✓</b>
	species)	_			3.8	Conservation measures		<b>✓</b>
2.2	Predators	✓	✓	<b>✓</b>	3.9	Trends/Monitoring		~
6	Pollution (affecting habitat and/or species)	✓	✓	✓	4	Habitat and site-based actions		<b>~</b>
6.3	Water pollution	✓	<b>✓</b>	✓	4.1	Maintenance/Conservation		<b>✓</b>
6.3.1	Agriculture	✓	<b>✓</b>	<b>✓</b>	4.4	Protected areas		<b>V</b>
9	Intrinsic factors	✓	✓	<b>✓</b>	4.4.1	Identification of new protected areas		<b>V</b>
9.9	Restricted range	✓	✓	✓	4.4.2	Establishment		<b>✓</b>

## **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 Criteria: B1ab(iii)+2ab(iii)

Rationale for the Red List Assessment: Listed as Endangered, because its extent of occurrence is less than 5,000 km2 and area of

occupancy is less than 500 km2, its distribution is severely fragmented, and there is a continuing

decline in the extent and quality of its habitat.

Current Population Trend: Decreasing Date of Assessment: 12/17/2004

Assessor(s): Peter Beerli, Thomas Uzzell, Petros Lymbakis

Notes on Red listing:

## **Bibliography**

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