Rana cerigensis			Region: 1	10						
Taxonomic Authority:	Beerli, Hotz, Tunner, Heppich a 1994	and Uzzell,								
Synonyms:			Common Na	mes:						
			Karpathos Fro	og	English					
Order: Anura			Family:	Ranidae						
Notes on taxonomy:	The taxonomic status of this frog is still unclear. Frogs from Karpathos have a set of unique electrophoretic enzyme alleles, and voice recordings are very different from Anatolian populations of Rana bedriagae, but short mtDNA-sequences suggest that the same haplotypes occur in Anatolia and Karpathos (P. Beerli pers. comm.). Frogs on Rhodos are very similar to the ones on Karpathos, but on Rhodos there are electrophoretic enzyme alleles that occur the mainland and not on Karpathos. This could be simply due to the small population size on Karpathos or it could be due to an introduction of Anatolian frogs onto Rhodos (P. Beerli pers. comm.).									
General Informatio	<u>n</u>									
Biome	<u></u> Terrestrial	✓ Fr	eshwater	☐ Mari	ne					
Geographic Range of sp	pecies:		Habitat and E	Ecology Informa	tion:					
[Rhodes], Greece. On Ka certainty) from a single riv north side of the island, a	y from Karpathos Island and Rh rpathos Island it is currently only er, near Olimbos in the mountain nd it does not appear to range n only found in "high" altitude, for	y known (with ins on the nore widely;	slow running v	waters. Breeding	largely restricted to p and larval developm appears to be sensiti	permanent still or nent presumably take ive to habitat change.				
in a protected area on Ka low population of this spe	: of the Berne Convention. It prot rpathos. Further research into th cies on Karpathos is urgently ne us of the population on Rhodos	ne range and eeded. The	Threats: It is severely threatened by degradation and loss of suitable aquatic habitats. The loss of suitable wetlands is largely caused by over extraction of water and pollution by agricultural, tourist and domestic sources. This species is additionally threatened by deforestation and more generally by restricted habitat availability. Implementation of protection is not in place.							
et al., 1994). Earlier litera that water frogs were abu were difficult to find (very	Karpathos is reported to be 'mo ture sources from the 1960s hav ndant on the island, but around few adults, several juveniles) (P ndicate that it is quite common in	ve indicated 1992 they P. Beerli pers. n its singe site								
Country Distribution	Presence P	Native - Presence Extin Possible	ct Reintrodu	ced Introduced	Vagrant					
Greece	<u>~</u>									
FAO Marine Habita	Presence P	Native - Presence Extir Possible	nct Reintrodu	ced Introduced						
Major Lakes Major Rivers										
Upper Level Habita	t Preferences	Score	Lower Lev	vel Habitat Pr	references	Score				
	ranean-type Shrubby Vegetation	n 1								
5.1 Wetlands (inland) - (includes waterfalls)	Permanent Rivers/Streams/Cree	eks 1								
Rivers/Streams/Cre	****	1								
	Permanent Freshwater Lakes (c									
5.6 Wetlands (inland) - (over 8ha)	Seasonal/Intermittent Freshwate	er Lakes 2								
,	Permanent Freshwater Marshes	s/Pools 1								
5.8 Wetlands (inland) - Marshes/Pools (und	Seasonal/Intermittent Freshwate ler 8ha)	er 2								

1

1

11.1 Artificial/Terrestrial - Arable Land

12.2 Artificial/Aquatic - Ponds (below 8ha)

เพลงบา นาเธลเอ					COHSCI VALIOH IVICASUICS					
Code Description of threat		Past Present Future		Code	Conservation me	asures	In place Needed			
1	Habitat Loss/Degradation (human induced)				1	Policy-based actions				
1.1	Agriculture			✓	1.2	Legislation		V		
1.1.1	· ·			✓	1.2.1	Development		V		
1.1.1.2	.1.1.2 Small-holder farming			✓	1.2.1.1	International level		V		
1.1.4	1.1.4 Livestock			✓	1.2.2	Implementation				
1.1.4.2	.1.4.2 Small-holder			✓	1.2.2.1	International level		V		
1.3	.3 Extraction			✓	3	Research actions				
1.3.3	.3 Wood			~	3.1	Taxonomy				
1.3.3.1	3.1 Small-scale subsistence			✓	3.2	Population numbe				
1.3.3.2	.3.2 Selective logging			~	3.3	Biology and Ecolog				
1.3.6	55 5		✓	~	3.4	Habitat status				
1.3.7	3.7 Other		✓	✓	3.5	Threats				
1.4	Infrastructure development		✓	✓	3.8	Conservation mea				
1.4.2	.2 Human settlement		✓	✓	3.9	Trends/Monitoring				
1.4.3	Tourism/recreation	\ \ \ \	✓	✓	4	Habitat and site-based actions				
6	Pollution (affecting habitat and/or species)		✓	✓	4.1	Maintenance/Cons				
6.3	3 Water pollution		✓	✓	4.2	Restoration				
6.3.1	Agriculture		✓	✓	4.4	Protected areas				
6.3.2	Domestic	✓	✓	✓	4.4.1	Identification of ne				
6.3.4	Other non-agricultural	✓	✓	✓	4.4.2	Establishment				
9	Intrinsic factors	✓	✓	✓						
9.9	Restricted range	✓	✓	✓						
Utilisat	ion of Species									
Purpos	se/Type of Use	Subs	sistence	1	Nationa	International	Other purpose:			
Primary forms removed from the wild 100% >75% 51-75% 26-50% <25% Othe						Other forms removed	from the wild:			
Source	Source of specimens in commercial trade 10		>75%	51	-75%	26-50% <25%	Other source of specia	mens:		
Trend i	n wild offtake/harvest in relation to total v	od bliw	pulation i	num	bers ov	er last five vears:				
	n offtake/harvest produced through dome	-	•			-				
CITES:		contan	Oncarrive	atioi	OVELLE	ist five years.				
	Not listed									
Red L	<u>isting</u>									
Red Lis	Red List Assessment: Endangered (EN)									
Red Lis	st 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: If the population on Rhodos belongs to another species, thus restricting this species to Karpathos, Rana cerigensis is

likely to qualify for listing as Critically Endangered under criteria B1ab(iii)+2ab(iii).

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