Spele	eomantes genei					Region:	10							
	mic Authority: Temminck and	Schlegel,	1838			-								
Synonyms:							Common Names:							
						Gene's Cave SalamanderEnglishgeotritone di GenéItalian								
						Sardinian Cave Salamander English								
Order:	Caudata					Family:	Plet	thodontidae						
Notes o	on taxonomy:													
Gener	al Information													
Biome		✓ Terres	strial		🗌 Fi	reshwater		Mar	ine					
Geogra	phic Range of species:					Habitat a	Ind Eco	logy Informa	ation:					
This species is endemic to the region of Sulcis-Iglesiente in southwestern Sardinia (Italy). It has been collected between altitudes of 8 - 650m asl.					It is found in humid rocky outcrops, caves, crevices, and forested areas in the vicinity of streams. The species reproduces through the direct development of a few terrestrial eggs.									
Conser	vation Measures:					Threats:								
The species is listed on Appendix II of the Berne Convention and is listed on Annex IV of the EU Natural Habitats Directive. It is present in at least four protected areas.						The species is threatened by general deforestation of suitable habitat, mineral extraction, urbanisation and over collection of specimens, presumably for scientific purposes.								
Species	s population information:													
relativel	ccies is generally common within i y uncommon within the Carbonia- t al., 1997).		-	-	•									
		Native -	N	ative -										
•		Presence Confirme		esence	Extir	nct Reint	roduced	Introduced	Vagrant					
	try Distribution		и г(_		7								
Italy		\checkmark												
FAO I	Marine Habitats	Native - Presence Confirme	e Pr	ative - esence ossible	Exti	nct Reint	roduced	Introduced						
<u>Major</u>	Lakes													
<u>Major</u>	Rivers													
Upper	r Level Habitat Preference	es		5	Score	Lower	Level	Habitat P	references	Score				
1.4 Fc	orest - Temperate				1	Deciduo	us Broad	dleaf Wood		9				
6 Ro	ocky areas (eg. inland cliffs, mour	ntain peaks)		1	Forest ar	nd Field			9				
7.1 Ca	aves and Subterranean Habitats (non-aquati	c) - Ca	ves	1	Mixed Fo	orest			1				
	aves and Subterranean Habitats (ubterranean Habitats	non-aquati	c) - Otl	ner	1									
Major	threats					Conse	rvatio	n Measure	es					
Code	Description of threat		Past I	Present	Future	Code C	onserva	ation measu	res	In place Needed				
1	Habitat Loss/Degradation (huma	n induced)	✓	\checkmark	\checkmark	1 P	olicy-ba	sed actions						
1.3	Extraction			\checkmark	\checkmark		egislatic							
1.3.1	Mining			\checkmark	\checkmark	1.2.1 C	evelopn	nent						
1.3.3	Wood			\checkmark	\checkmark	1.2.1.1 lr								
1.3.3.2	Selective logging			\checkmark	\checkmark	1.2.2 Ir	nplemer	ntation						

✓ ✓ Infrastructure development **> > > >** ✓ 1.2.2.1 International level Human settlement ✓ 3 Research actions ✓ 3.2 Population numbers and range Tourism/recreation ✓ 3.4 Habitat status ✓ ✓ Poor recruitment/reproduction/regeneration ✓ 3.5 Threats ✓ ✓ ✓ 3.6 Uses and harvest levels 3.8 Conservation measures

3.9

4

Trends/Monitoring

Habitat and site-based actions

✓

✓

✓

✓

✓

✓

✓

✓

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1.4

1.4.2

1.4.3

Intrinsic factors

Restricted range

9

9.2

9.9

			4.1 4.4 4.4.1 4.4.2 4.4.3	Maintena Protected Identificat Establish Managen	l areas tion of net ment	ervation w protected areas	> > >	> > >	
Utilisation of Species									
Purpose/Type of Use 15. Sport hunting/specimen collecting	Subsistence		National	al International		Other purpose:			
Primary forms removed from the wild 1. Whole animal/plant	100% ✓	>75%	51-75%	26-50%	<25%	Other forms removed from	the wild	1:	
Source of specimens in commercial trade Wild	100% ✓	>75%	51-75%	26-50%	<25%	Other source of speciment	s:		
Trend in wild offtake/harvest in relation to to Trend in offtake/harvest produced through d CITES: Not listed					•	Unknown			
Red Listing Red List Assessment: Vulnerable (VU) Red List Criteria: B1ab(iii)									
Rationale for the Red List Assessment: Listed as Vulnerable because its Extent of Occurrence is less than 20,000 km2, it is known from fewer than ten locations, and there is continuing decline in the extent and quality of its habitat in Sardinia.									
Current Population Trend: Decreasing			Date o	of Assessi	ment:	12/17/2004			
Assessor(s): Franco Andreone, Roberta Leo	cis, Paul Edg	gar, Claud	dia Corti						
Notes on Red listing: This species is probably close to qualifying for listing as Endangered under criterion B1ab(iii), but it occurs in more than five locations, and its range is probably not severely fragmented.									
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