Phoxinellus fontinalis Taxonomic Authority: Karaman, 1972						Region: 1						
	•					Commo	n Names					
Synonyms:						Common Names:						
Order: Notes o	Cypriniformes on taxonomy:					Family:	Сур	rinidae				
Gener	al Information									,		
Biome		Terrest	rial		✓ Fr	eshwate	r		Marine			
	phic Range of species:						and Ecol					
	ricted to one karstic spring (Modro It disappaered from Krbavsko Pol	,	bavsk	o Polje ir	1			•	ools of the karst regi g winter or summer o			
	vation Measures:	jo otroarrio.				Threats		oro daring	, without of outlimor of	nought.		
None.									d extraction. Constru			
									tic fish species. Also lamaged the karstic			
						pers co		,ioii iido d	amagoa aro narono	cyclom (Bogalor	laya	
-	s population information:											
No data		N. C										
Native Presenc												
Count	try Distribution	Confirmed	Po	ssible					· ·			
Croatia		✓]						
Uppe	r Level Habitat Preference	es		S	core	Lowe	r Level	Habita	t Preferences		Score	
5.2 W	/etlands (inland) - Seasonal/Interm		ular		1							
	ivers/Streams/Creeks /etlands (inland) - Karst and Other	Subterrane	-an		1							
	ydrological Systems (inland)	Cubiciran	Juli		•							
Maior	r threats					Cons	ervatio	n Meas	ures			
Code	Description of threat		Past	Present F	uture		Conserv			In place	Neede	
1	Habitat Loss/Degradation (humai	n induced)	✓	✓	✓	1	Policy-ba	sed actio	ns		~	
1.3	Extraction		~	✓	✓	1.2	Legislation	on			✓	
1.3.6	Groundwater extraction		V	V	✓	1.2.1	Developr				✓	
2	Invasive alien species (directly af species)	fecting the	✓	✓	✓		Internation				✓	
2.2	Predators		✓	✓	~		National Impleme				✓	
6	Pollution (affecting habitat and/or	species)	✓	✓	✓		Internation				✓	
6.3	Water pollution		✓	✓	✓		National				V	
7	Natural disasters			✓	✓	3	Research	actions		<u></u>	✓	
7.1	Drought Intrinsia factors			✓	V	3.1	Taxonom	•		✓		
9 9.1	Intrinsic factors Limited dispersal		✓	✓	✓	3.2			rs and range		✓	
9.9	Restricted range		✓	✓	✓	3.3		ind Ecolog	gy		✓	
	· · · · · · · · · · · · · · · · · · ·		· ·	•	·	3.4 3.5	Habitat s Threats	tatus			✓	
						3.8		ation mea	sures		✓	
						3.9	Trends/M				V	
						4	Habitat a	nd site-ba	ased actions		✓	
						4.1	Maintena	ince/Cons	servation		✓	
						4.4	Protected				✓	
						4.4.2 4.4.3	Establish Manager				✓	
114111	tion of Chapter						anagoi					
	tion of Species se/Type of Use		Sub	sistence	ا د	National	Intorn	ational	Other purpose:			
· uipot	50/19pc 01 000		Oub	313101100		t utiona	into in	ationai	Not used at all.			
Primary forms removed from the wild 10			0%	% >75% 51-75% 26-50% <25% Other forms removed from the							ild:	
Source	of specimens in commercial tra	ade 10	0%	>75%	51	I- 75 %	26-50%	<25%	Other source of s	specimens:		
Trend	in wild offtake/harvest in relation	n to total w	ild po	opulatio	n num	bers ov	er last fiv	e years:				
	in offtake/harvest produced thro							-				
	<u>-isting</u>	nao 105	٥,			_ r	ongible F	rtin ct				
	st Assessment: Critically Enda st Criteria: B1ab(i,ii,iv)+2ab(i,ii	_	۲)			⊔Р	ossibly Ex	KUITICE				
. vou Li	::: D : ab(1,11,17) - 2ab(1,11	,·• <i>,</i>										

Rationale for the Red List Assessment:

P. fontinalis has an extremely limited distribution with an AOO<10km2 (EOO<100km2) as it is only found in one karstic spring Modro Oko. Due to drought and alien species there is a continuing decline in EOO and sub populations (it has disappeared from streams in Krbavsko Polje streams).

Current Population Trend: Decreasing Date of Assessment: 31/10/2004

Assessor(s): A.J. Crivelli

J. Freyhof, N. Bogutskaya **Evaluator:**

Notes on Red listing:

Bibliography

Zupancic, P. & Bogutskaya, N.G., 2002, Description of two new species, Phoxinellus Krbavensis and P. jadovensis, re-description of P. fontinalis Karaman, 1972 and discussion of the distribution of Phoxinellus species (Teleostei: Cyprinidae) in Croatia and in Bosnia and Herzegovina., Nat. Croat., , , 11, 411-437, ,