Barbus issenen	<u>sis</u>			Region	: 1				
Taxonomic Authority:	Pellegrin, 1922								
Synonyms:			Commo	Common Names:					
Barbus capito massaensi	is Pelleg	rin, 1922							
Order: Cyprinifor	rmes			Family	: Сур	rinidae			
Notes on taxonomy:	The taxonomy of group is set in this		Morocco is	still uncertain	and more	work is no	eeded before a defini	itive taxonomy of	this
General Informatio	<u>n</u>								
Biome	[Terrestria	ı [✓ Freshwate	er	N	Marine		
Geographic Range of species:				Habitat and Ecology Information:					
It is restricted to the Sous	•								
Conservation Measures None.		Threats: Climate change is thought to be causing drought in all rivers south of							
None.				the Our	n Er Rbia	(Azeroual	, A. pers comm.) Inte	nsive groundwat	er
					on, pollution threat to		gricultural, industrial a	and domestic sou	irces
Species population info	ormation:			are aloc	in cat to	are opeoid			
Abundant (Diadrio I. & Az		mm).							
-	·	Native -	Native -					-	
	_		Presence	Extinct Reir	ntroduced	Introduce	ed Vagrant		
Country Distribution	<u>nc</u>	Confirmed	Possible						
MOTOCCO		✓							
Upper Level Habit	at Preference	<u>s</u>	Sc	ore <u>Lowe</u>	er Level	Habitat	t Preferences		Score
5.9 Wetlands (inland) -	- Freshwater Sprin	gs and Oase	es	1					
Major threats				Cons	ervatio	n Meas	<u>ures</u>		
Code Description of	threat	Pa	ast Present F	uture Code	Conserv	ation mea	asures	In place	Needed
			✓ 3					✓	
1.3 Extraction			3.1	Taxonomy				✓	
1.3.6 Groundwater ex				3.2	·				✓
6 Pollution (affecti6.3 Water pollution	ing habitat and/or s	species)		_	Biology and Ecology Habitat status				✓
6.3.1 Agriculture					Threats				✓
6.3.2 Domestic			✓ 3.8	Conservation measures				V	
6.3.3 Commercial/Ind	ustrial			✓ 3.9	3.9 Trends/Monitoring				<u> </u>
7 Natural disaster	S		✓	✓					
7.1 Drought				✓					
Utilisation of Species									
Purpose/Type of Use		S	Subsistence	Nationa	l Intern	ational	Other purpose: Not used		
Primary forms remove	d from the wild	100%	>75%	51-75%	26-50%	<25%	Other forms remo	ved from the wi	ld:
Source of specimens in	n commercial tra	de 100%	>75%	51-75%	26-50%	<25%	Other source of sp	pecimens:	
Trend in wild offtake/h	arvest in relation	to total wild	l population	numbers ov	er last fiv	e vears:	Not used		
Trend in offtake/harves			•			•			
CITES:								_	
Red Listing									
Red List Assessment:	Vulnerable (VU)		F	ossibly Ex	tinct			
Red List Criteria: B1	lab(ii,iii); D2								
Rationale for the Red L	_ist Assessment:						ivers south of the Ou . issensis, making the		
							enensis is less than 2		
		declining					tion and agricultural,		
Current Population Tre	end: Unknown	pollution.		Date (of Assess	ment·	31/10/2004		
Assessor(s): A.J. Cri				Date			5 // TO/2007		
Evaluator: A. Azer									
	Judi								
Notes on Red listing:									

Azeroual, A., 2003, , , Monographie des poissons des eaux continentales du Maroc: systématique, distribution et ecologie., , , , PhD , University Mohammed V, Rabat, Morocco

Doadrio, I., Bouhadad, R. & Machordom, A., 1998, Genetic differentiation and biogeography in saharan populations of the genus Barbus (Osteichthyes, Cyprinidae)., Folia Zoologica, , , 47 (Suppl. 1), 7-20, ,