	arostoma Willkomm					Region	: 1				
<b>Taxonomic Authority:</b> Steindachner, 1866 <b>Synonyms:</b>						Common Names:					
Order: Cypriniformes Notes on taxonomy:				Family: Cyprinidae							
Gener	al Information										
Biome	<u> </u>		<b>√</b> F	reshwate	er		Marine				
Geogra	phic Range of species:					Habitat	and Ecol	ogy Infor	rmation:		
in the fol	ricted to the southern Iberian pe llowing river basins: Guadiana ( uivir, Guadalete, Guadiaro and	Spain and F	ortuga	al), Odiel,	in	All river	sections v	vith stron	g current.		
Conserv	vation Measures:			Threats	s:						
Habitats	d in Appendix III of the Bern Cor Directive as C. toxostoma.	nvention an	d Anne	ex II of the		Habitat	destructio	n due to d	dams and introduced s	species.	
•	g (J. Carmona pers comm).										
	,	Native -	N	lative -							
Pres			sence Presence Extinct Reintroduced Introduced Vagrant								
Country Distribution		Confirme	ed P	ossible							
Portugal		<b>✓</b>									
Spain		<b>✓</b>									
Uppe	r Level Habitat Preferen	ces		S	core	Lowe	er Level	Habita	t Preferences		Score
	/etlands (inland) - Permanent Ri	vers/Strean	ns/Cre	eks	1						
,	ncludes waterfalls) rtificial/Aquatic - Water Storage	Areas (over	· 8ha)		1						
Major	threats				Cons	ervatio	n Meas	<u>ures</u>			
Code	Description of threat		Past	t Present F	uture	Code	Conserva	ation me	asures	In place	Needed
1	Habitat Loss/Degradation (hum	nan induced	) 🗸	<b>✓</b>	<b>~</b>	1	Policy-ba	sed actio	ns	<b>✓</b>	
1.3	Extraction		<b>✓</b>	<b>✓</b>	<b>~</b>	1.2	Legislation	n		<b>✓</b>	
1.3.6	Groundwater extraction		<b>✓</b>	<b>✓</b>	<b>~</b>	1.2.1	Developr	nent		<b>✓</b>	
1.4	Infrastructure development		<b>✓</b>	<b>✓</b>	<b>~</b>	1.2.1.1	Internation	nal level		<b>✓</b>	
1.4.6	Dams		<b>✓</b>	<b>✓</b>	<b>✓</b>	1.2.2	Impleme	ntation		$\checkmark$	
2	Invasive alien species (directly	affecting th	e 🔳	<b>✓</b>	<b>✓</b>	1.2.2.1	Internation	nal level		$\checkmark$	
0.0	species)					3	Research	actions		$\checkmark$	<b>✓</b>
2.2	Predators			<b>✓</b>	<b>✓</b>	3.1	Taxonom	ıy		$\checkmark$	
3	Harvesting (hunting/gathering)			<b>V</b>	<b>✓</b>	3.2	Population	n numbe	rs and range	$\checkmark$	
3.1 3.1.1	Food Subsistence use/local trade			<b>✓</b>	<b>✓</b>	3.3	Biology a		gy	<b>✓</b>	
3.1.1 7	Natural disasters				<b>✓</b>	3.4	Habitat s	tatus		<b>✓</b>	
7.1	Drought				✓	3.5	Threats			$\checkmark$	
Drought					V	3.8	Conservation meas		sures		<b>✓</b>
						3.9	Trends/M	·			<b>✓</b>
						4	Habitat and site-ba				<b>✓</b>
						4.1 4.2	Maintenance/Cons Restoration		servation		= =
Hilicat	tion of Species						. 10010101				
	se/Type of Use		Su	bsistence	,	National	l Interna	ational	Other purpose:		
•	I - human		-	<b>✓</b>				_	cara parpers		
	y forms removed from the wild		00%	>75%	5	1-75%	26-50%	<25%	Other forms remov	ed from the w	ild:
1. Whole animal/plant			<b>~</b>		_					_	
Source	of specimens in commercial	trade 1	00%	>75%	5	1-75%	26-50%	<25%	Other source of sp Not traded.	ecimens:	
Trend i	in wild offtake/harvest in relati	ion to total	wild r	opulation	nun	nbers ov	er last fiv	e years:	Unknown		
			h domestication/cultivation over last five years: Unknown								
CITES:	•						,				
Red I	isting										
	st Assessment: Vulnerable (	VU)				□Р	ossibly Ex	tinct			
	st Criteria: A3ce+A4ce	,				<b>□'</b>	JUDIOIY LA				
	ale for the Red List Assessme	nt. A cur	rent d	ecline has	heen	identifie	d and it is	suspecte	d that populations of 0	: willkommii wi	II
ivatiOili	aio ioi uie iteu List Assessiile	ne furtl	ner by ove	r 30%	6 in the n	ext 10 yea	ırs due to	current threats having predators - M. salmoid	g a greater impa	act	

lucioperca) (Carmona, J. pers comm).

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

Assessor(s): A.J. Crivelli

Evaluator: J. Carmona

Notes on Red listing:

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