<u>Acipenser naccarii</u>					Region:	1						
Taxonomic Authority: Bonaparte, 1836												
Synonyms:					Common Names:				14 - 15			
					cobice				Italian			
					Adriatic	sturgeo	n		English	n		
Order: Acipenseriformes					Family:	Ac	penserid	ae				
Notes on taxonomy:					-		•					
General Information												
Biome	Terrest	rial		✓ Fr	eshwate	r		Marin	е			
Geographic Range of species:							ology Inf					
Endemic to the Adriatic basin. Its presence is of it survives as one small natural population with				ere						n occurred from M pulation is landlock		
grounds at the confluence of Ticino & Po rivers). It						confluence betwee		
is now considered as regionally extinct in Croa	atia, Alb	ania aı	nd	,	Ticino a			Ü				
Montenegro. There have been conflicting opini presence in Spain where it is now confirmed to				ŧ								
The presence of the species in NW Greece sti			CALITIO									
undocumented (Economidis et al. 2000). It was Greece (Pascos et al. 2003) but there is no evi												
established a viable population.												
Conservation Measures: Listed in the Annexes II, IV and V of the Habita	ate Dire	ctive o	ıf⊏II lt	ie	Threats		al species	threa	tened hy na	st overfishing and	with a	
also listed in the Appendix II of the Bern Conve		Clive o	1 20.10	. 13	current	risk of a	ccidential	captur	e and destr	ruction of its habita	t. Dams	
					and any impact.	obstacl	es fragme	enting i	ts distribution	on will have a nega	ative	
Species population information:												
Artificial reproduction in fish farm is now effecti				nd								
the species is continuously stocked in Italy. He evidence to confirm continuing reproduction in			is no									
Na	ıtive -	Nat	ive -									
_ 1	sence ofirmed		sence ssible	Extir	nct Rein	troduce	d Introdu	ıced	Vagrant			
Country Distribution	_	_	_		•							
				✓								
L.	✓				_	~						
				✓	_							
Upper Level Habitat Preferences			s	core	Lowe	r Leve	el Habit	at Pr	eference	s	Score	
5.1 Wetlands (inland) - Permanent Rivers/S	treams/	/Creek	s	1						_		
(includes waterfalls)												
5.5 Wetlands (inland) - Permanent Freshwa	iter Lak	es (ove	er 8ha)	2								
Major threats					Cons	ervati	on Mea	sure	<u>s</u>			
Code Description of threat							rvation m		es	In pla	ce Neede	
1 Habitat Loss/Degradation (human ind	duced)	✓	✓	✓	1	•	based act	ions		_		
1.3 Extraction		V	✓	✓	1.2	Legisla				_		
1.3.2 Fisheries1.3.2.2 Artisinal/small-scale		✓✓			1.2.1	Develo	pmenτ tional leve	N.		V		
1.3.6 Groundwater extraction			✓	■		Nationa		3 1		<u> </u>		
3 Harvesting (hunting/gathering)		~	V	✓			entation			V		
3.1 Food		V	V	V			tional leve	el		V		
3.1.1 Subsistence use/local trade		V	V	✓	1.2.2.2	Nationa	al level			<u>.</u>		
3.1.2 Sub-national/national trade		✓	✓	✓	3	Resear	ch actions	S		•		
3.1.3 Regional/international trade		✓	✓	~	3.1	Taxono	my			V		
6 Pollution (affecting habitat and/or spe	ecies)	✓	✓	✓	3.2	Populat	tion numb	ers an	d range	V		
6.3 Water pollution		\checkmark	~	✓	3.3		and Ecol	ogy		V		
6.3.1 Agriculture		✓	V	✓	3.4	Habitat				<u> </u>		
6.3.2 Domestic		V	V	✓	3.5	Threats		d lev!		V		
6.3.8 Sewage		✓	V	✓	3.6		nd harves		5	V		
9 Intrinsic factors9.1 Limited dispersal		✓	✓	✓	3.9 4		/Monitorin and site-l	-	actions	[
9.1 Limited dispersal 9.2 Poor recruitment/reproduction/regene	eration	V	V	✓	4 4.2	Restora		vaseu	action 15			
9.5 Low densities	J. GUUII	✓	✓	∨	4.4		ed areas					
9.7 Slow growth rates		V	V	✓	5		s-based a	ctions				
9.9 Restricted range		✓	✓	✓	5.1	•	oductions					
										_	_	

5.3

Sustainable use

			5.3.2 5.4	Trade ma	·	
Utilisation of Species						
Purpose/Type of Use 1. Food - human	Sul	Subsistence 🗸			ational ⁄	Other purpose:
Primary forms removed from the wild	100%	>75%	51-75%	26-50%	<25%	Other forms removed from the wild:
Source of specimens in commercial trade	100%	>75%	51-75%	26-50%	<25%	Other source of specimens:
Trend in wild offtake/harvest in relation to	total wild p	opulation	numbers ov	er last five	e years:	Decreasing
Trend in offtake/harvest produced through CITES: Appendix II	n domestica	tion/cultiva	ation over la	ast five ye	ars:	Increasing
Red Listing						
Red List Assessment: Critically Endange	red (CR)		F	ossibly Ex	tinct	
Red List Criteria: A2abc; B2ab(i,ii,iii,iv,v)						
Rationale for the Red List Assessment:						ner range and would probably be totally een successful in Italy. Without continuous re-

V

The species is extir extinct if the fish far stocking the maintenance of the species is doubtful as continued successful reproduction in the wild can no longer be confirmed. The species is assessed as Critically Endangered under both Criterion A, on the basis of an observed population decline of greater than 80% and a decline in EOO, and Criterion B, as the remaining suitable spawning grounds are restricted to a single area at the confluence of the Ticino and Po rivers (AOO estimated at 2.5 km2) and there is a continuing decline

5.3.1 Harvest management

in habitat quality in the upper catchment.

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

Assessor(s): A.J. Crivelli

Kottelat, M., Bianco, G. & Freyhoff, J **Evaluator:**

Notes on Red listing: This species is waiting to be evaluated by the Sturgeon Specialist Group.

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