Aphanius iberus Taxonomic Authority: (Valenciennes, 1846)						Region: 1						
Synonyms:					C	Common Names:						
Order: Notes o	Cyprinodo	ntiformes			F	amily:	Cypri	inodontid	ae			
General Information												
Biome		☐ Ter	✓ Free	eshwater								
Geographic Range of species: It is restricted to the Mediterranean coast of Spain and northwestern Algeria. It is believed that the Algerian population is a seperate species, but not yet described.  Conservation Measures: It is listed in the Annex II of the Habitat Directive of EU and in the Appendix II and III of the Bern Convention.  Species population information: Decreasing.						Habitat and Ecology Information: It is a ubiquitous and short-lived species that can withstand wide salinity and temperature ranges. It lives mainly in salty lagoons where Gambusia and Fundulus are absent  Threats: Habitat destruction, drought, water pollution and introduction of exotic fish species.						
Country Distribution Spain		Preser	Native - Native - Presence Presence Extinct Confirmed Possible				Reintroduced Introduced Vagrant					
		<u> </u>										
Uppe	r Level Habita	t Preferences		Sc	ore	Lowe	r Level	Habita	t Preferences		Score	
5.1 W	/etlands (inland) -	Permanent Rivers/Stre	ams/Creel	ĸs	1			- 10-10-100	<u> </u>			
(includes waterfalls) 5.7 Wetlands (inland) - Permanent Freshwater Marshes/Pools 1												
(ι	under 8ha)				1							
10.6 Coastline - Coastal Brackish/Saline Lagoons 1												
	Major threats  Code Description of threat Past Present Future						<u>ervatior</u>			la alasa	Naadad	
Code 1	Description of the									In place		
1.3	Extraction	radation (human induc	ed) 🗸	<b>✓</b>			Policy-bas Legislation		iis	<b>✓</b>		
1.3.6	Groundwater extr	raction	<b>✓</b>	<b>✓</b>			Developm			<b>✓</b>		
2		action ecies (directly affecting		<b>V</b>			Internation			<b>✓</b>		
2	species)	scies (directly affecting	uie 🗸	V			Implemen			<b>✓</b>		
6	Pollution (affecting	g habitat and/or specie	s) 🗸	<b>✓</b>			Internation			<b>✓</b>		
6.3	.3 Water pollution		<b>✓</b>	<b>✓</b>		3	Research			<b>✓</b>	<b>✓</b>	
6.3.1	i.3.1 Agriculture		<b>✓</b>	<b>✓</b>	<u> </u>		Taxonom			<b>✓</b>		
7	Natural disasters		<b>✓</b>	<b>✓</b>		3.2 Population numbers and range				<b>V</b>		
7.1	7.1 Drought		<b>✓</b>	<b>✓</b>			Biology ar		=	<b>✓</b>		
8 Changes in native species dynam			<b>✓</b>	✓	<b>✓</b>		Habitat st	<b>✓</b>				
8.2 Predators			<b>✓</b>	<b>✓</b>	<b>✓</b>	3.5	Threats			<b>✓</b>		
9 Intrinsic factors			<b>✓</b>	<b>✓</b>		3.8	Conserva	tion mea	sures	<b>~</b>	<u></u>	
9.1 Limited dispersal			<b>✓</b>	<b>✓</b>		3.9	Trends/M			<u></u>		
9.9 Restricted range			<b>✓</b>	<b>~</b>	<b>✓</b>	4	Habitat ar	ased actions		<b>✓</b>		
						4.4	Protected			<b>✓</b>		
							w protected areas		<b>✓</b>			
							Establishr				<b>✓</b>	
							Managem		:		<b>✓</b>	
						5 5.1	Species-based actions Re-introductions				<b>✓</b>	
						5.4 Recovery management					<b>✓</b>	
Utilisa	tion of Species											
				sistence	Na	ational	Interna	itional	Other purpose:			
Primary forms removed from the wild 10			100%	>75%	51-7	<b>′</b> 5%	26-50% <25% Other forms removed from the wild:			ild:		
Source	e of specimens in	100%	>75%	51-7	75%	26-50%	<25%	Other source of specin	nens:			
Trend in wild offtake/harvest in relation to total wild population numbers over last five years:  None  Trend in offtake/harvest produced through domestication/cultivation over last five years:  CITES:												
Red Listing												

Possibly Extinct

Red List Assessment: Endangered (EN)

Red List Criteria: A2ce

Rationale for the Red List Assessment: It is estimated that A. iberus has undergone a population decline of >50% in the past 10 years due

to pollution and introduced fish (Carmona, J. pers comm). The AOO is less than 500km2, is fragmented and is in decline due to pollution and habitat destruction. This species is also in continuous decline with subpopulations regularly disappearing. Although a reintroduction programme using captive stock might help this species to recover, the threats will still be present.

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

Assessor(s): A.J. Crivelli
Evaluator: J. Carmona

Notes on Red listing:

## **Bibliography**

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