Taxono	mic Authority:	Leidenfrost, 191	12										
Synonyms:		•						Common Names:					
Order:	Cyprinod					Family: Cyprinodontidae							
Notes o	n taxonomy:	etic investigations showed that there are four clades of this species that could represent possibly real e Hrbek et al. 2002): A. anatoliae, A. burdicus, A. splendens, A. transgradiens. There is more evidence for											
		ty of A. burdicus (in this list as A. sureyanus), but more evidence is needed to validate A. splendens and											
		transgradiens.											
Genera	al Informatio	n											
Biome		_	Terrest	rial		✓ Fr	eshwate	er		arine			
Geographic Range of species:						Habitat	and Ecol	ogy Inforn	nation:				
The species is restricted to the Tuzgölü basin, to the							Lives in clear, well-oxygenated running freshwater and springs.						
catchment, to the lake district region in Central Ana and to the southwestern region according to Hrbek						dir)							
Conservation Measures:					102.		Threats:						
None known to be in place. Further taxonomic resear					needed.		Water pollution and water extraction are the main threats to the						
,							species. Introduction of predatory species (such as Gambusia species)						
							is a potential threat. No utilization of the species is known at present, but collection for the aquarium trade may be a future threat.						
Species	population info	rmation:					but com		ine aquana	in trade may be a	ratare uncat.		
-	lation information												
			Native -	Na	itive -								
			Presence	Pre	sence	Extir	ct Reir	ntroduced	Introduce	d Vagrant			
	ry Distribution	<u>on</u>	Confirmed	Po	ssible		_						
Turkey			✓	l									
Uppe	r Level Habit	at Preference	es		s	core	Lowe	er Level	Habitat	Preferences		Score	
		- Permanent Rive		/Cree	ks	1							
,	ncludes waterfalls	,											
		- Permanent Fres			er 8ha)	1							
5.9 W	etlands (inland) -	- Freshwater Spri	ngs and Oa	ases		1							
Maior	threats						Cons	ervatio	n Measu	res			
Code		cription of threat			Past Present Future			de Conservation measures			In place	Needed	
1	•	Degradation (human induced)						Policy-based actions			✓		
1.3	Extraction	,	✓	✓	✓	3	Research actions [<u></u>		
1.3.6	Groundwater ex	xtraction			✓	✓	3.2	Population numbers and range				✓	
2	Invasive alien species)	ien species (directly affecting the				✓	3.3	0, 0,				~	
2.2	Predators					✓	3.4					✓	
3	Harvesting (hun	nting/gathering)			~	✓	3.5					✓	
3.5	٠,	tific/leisure activities			✓	✓	3.6 3.8	Uses and harvest levels Conservation measures				✓	
3.5.3	Regional/interna	rnational trade			✓	✓		3.9 Trends/Monitoring				✓	
6	Pollution (affecti	ollution (affecting habitat and/or species)			✓	✓	0.0	1101100/11	ioriitorii ig			•	
6.3	Water pollution			✓	✓	✓							
6.3.1	Agriculture			✓	✓	✓							
6.3.2	Domestic			✓	✓	✓							
7 7.1	Natural disaster	5			✓	✓							
7.1 9	Drought Intrinsic factors			✓	V	V							
9.1	Limited dispersa	al		∨	V	V							
9.9	Restricted range			V	✓	✓							
Hillioot	ion of Species												
				Sub	sistenc	•	Nationa	l Intorn	ational	Other purpose:			
Purpose/Type of Use												:1.1.	
Primary forms removed from the wild 100					>75%		1-75%	26-50%	<25%		oved from the wi	ııa:	
	•	n commercial tra		0% 	>75%		1-75%	26-50%	<25%	Other source of	specimens:		
		arvest in relation							-				
		st produced thro	ough dome	sticat	ion/cult	ivatio	n over la	ast five ye	ars:				
CITES:													
Red L	<u>.isting</u>												
	st Assessment:	Data Deficient	(DD)				P	ossibly Ex	tinct				
Pod Lie	st Criteria							-					

Region:

1

Aphanius anatoliae

Rationale for the Red List Assessment:

The taxonomy of A. anatoliae needs further investigation. The species is likely to be split into four separate species (A. anatoliae, A. burdicus, A. splendens, A. transgradiens). Currently assessed as Data deficient at the species level pending further taxonomic work.

Current Population Trend: Unknown Date of Assessment: 14/12/2004

Assessor(s): A.J. Crivelli

Evaluator: A. Karatash, F. Erk'akan, N. Bogutskaya & M. Goren

Notes on Red listing: Previous Red List assessment: EN A2ce, B1+2abcd (Kottelat 1996). Reason for change - taxonomic uncertainty.

Bibliography

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Hrbek, T., Küçük, F., Frickey, T., Stölting, K.N., Wildekamp, R.H. & Meyer, A., 2002, Molecular phylogeny and historical biogeography of the Aphanius (Pisces, Cyprinodontiformes) species complex of central Anatolia, Turkey., Molecular Phylogenetics and Evolution, , , 25, 125-137, ,