	alius keadicus					Region	: 1					
Taxonomic Authority: Stephanidis, 1971 Synonyms:						Comm	on Namos					
Order: Cypriniformes					Common Names: Menida			Greek				
						Family	: Cypi	rinidae				
Notes o	Notes on taxonomy: Genus changed from Leuciscus.						- 71-					
Gener	ral Information											
Biome	idi ililorillation	Terres	trial		✓ Fr	eshwate	er	☐ Ma	arine			
Geogra	aphic Range of species:				Habitat and Ecology Information:							
Restricted to the Evrotas river in south-eastern Peloponnese in Greece. The Evrotas is inclined to become a seasonal stream. Conservation Measures: None					It is a strongly rheophilic species, confined to open sites within rivers with a fast flow and relatively cool waters. It has a mximum length of 150 mm. It spawns in May.							
					Threats: Water extraction and pollution (agriculture), and drought.							
												Species Decreas
Decieas	sing.	Nativo	No	tive -								
Coun	try Distribution	Native - Presence Confirmed	Pre	sence ssible	Extin	ct Reir	ntroduced	Introduced	d Vagrant			
Greece	:	✓	[]						
Unne	er Level Habitat Prefere	nces		s	core	Lowe	er I evel	Hahitat	Preferences		Score	
	Vetlands (inland) - Permanent F		/Creel		1	LOW	JI LOVOI	Habitat	1 10101011000			
,	includes waterfalls) Vetlands (inland) - Seasonal/Int	tormittont/Irroa	ulor		1							
	Rivers/Streams/Creeks	emillenvirreg	uiai		'							
Maio	r threats					Cons	envatio	n Maasu	ras			
Code			Past Present		Future		servation Measures Conservation measures			In place	Needed	
1	Habitat Loss/Degradation (hu	man induced)	✓	✓	✓	1		sed actions			✓	
1.3	Extraction	man maacca)	✓	V	V	1.2	Legislation		,		V	
1.3.6	Groundwater extraction		✓	✓	V	1.2.1	Developr				V	
6	Pollution (affecting habitat and	d/or species)	V	V	V		Internation				V	
6.3	Water pollution		V	V	V		National				V	
6.3.1	Agriculture		V	V	V	1.2.2	Impleme	ntation			V	
7	Natural disasters		V	V	V		Internation				V	
7.1	Drought		V	V	✓	1.2.2.2	National	level			✓	
9	Intrinsic factors		V	V	V	3	Research			<u></u>	V	
9.1	Limited dispersal		✓	V	✓	3.1	Taxonom	ıy		<u> </u>		
9.9	Restricted range		✓	~	✓	3.2	Population	n numbers	and range	<u></u>		
	_					3.3	Biology a	nd Ecology	,	<u></u>		
						3.4	Habitat s	tatus		<u> </u>		
						3.8	Conserva	ation measu	ıres		~	
						3.9	Trends/M	lonitoring			✓	
						4	Habitat a	nd site-bas	ed actions		✓	
						4.1	Maintenance/Cons		ervation		✓	
						4.2	Restorati	on			✓	
<u>Utilisa</u>	tion of Species											
Purpo	se/Type of Use		Sub	sistenc	e I	Nationa	l Interna		Other purpose: It is not used at all.			
Primary forms removed from the wild 100%			>75%	51	-75%	26-50%	<25%	Other forms remove	d from the wi	ld:		
Source	e of specimens in commercia	ıl trade 10	0%	>75%	₆ 51	I- 75 %	26-50%	<25%	Other source of spe	cimens:		
Trend	in wild offtake/harvest in rela	ition to total w	ild po	pulatio	n num	bers ov	er last fiv	e years:				
Trend CITES	in offtake/harvest produced t	through dome	sticat	ion/cult	ivatior	over la	ast five ye	ars:				
Red I	Listing											
_	ist Assessment: Endangere	ed (EN)				□Р	ossibly Ex	tinct				
	ist Criteria: A2ce; B1ab(i,ii,i	, ,	iii,iv,v)			_	•					

Rationale for the Red List Assessment:

There is an inferred 50% population decline in the last 10 years based on decline in AOO (the river has dried out in places and there is no potential for recolonisation as the fish is sedentary in habit), and an observed massive loss of fish as a result of pollution from the orange juicing factory. The estimated EOO is less than 5,000 km2, and the estimated AOO is less than 500 km2. It is restricted to a single location, and experiences an ongoing decline in AOO, habitat quality, the number of

subpopulations, and number of mature individuals.

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

Assessor(s): A.J. Crivelli

Evaluator: Barbieri, R. & Kottelat, M.

Notes on Red listing:

Bibliography

Barbieri, R., Economou, A.N., Stoumboudi, M. Th. & Economidis, P.S., 2002, Freshwater fishes of Peloponnese (Greece): distribution, ecology and threats.,, Conservation of Freshwater Fishes: Options for the Future., Collares-Pereira, M.J., Cowx, I.G. & Coelho, M.M.,, 55-64, Fishing News Book, Oxford, U.K.

Tsingenopoulos, C. & Karakousis, Y., 1996, Phylogenetic relationships of Leuciscus keadicus, an endemic cyprinid species from Greece, with other Greek species in the genus Leuciscus., Folia Zoologica, , , 45, 87-93, ,

Doadrio, I. & Carmona, J.A., 1998, Genetic divergence in Greek populations of the genus Leuciscus and its evolutionary and biogeographical implications., Journal of Fish Biology, , , 53, 591-613, ,

Bogutskaya, N.G., 2002, Petroleuciscus, a new genus for the Leuciscus borysthenicus species group (Teleostei: Cyprinidae)., Zoological Institute, St Petersburg., , , , , ,