Rutilus aula				Regio	n: 1					
Taxonomic Authority:	(Bonaparte, 1841)									
Synonyms:  Putiling on throughtholmus Zorunian 1082					Common Names:					
Rutilus erythrophthalmus Zerunian, 1982					Friotto Italian					
Order: Cyprinifo		o Dutilu	o or throub	Family		orinidae	alaar aaniar aynanym a	of D. oulo (Dianos		
Notes on taxonomy:	It is often reported as th 1988; Kottelat, 1997).	e Rutilu	s erythroph	itnaimus con	nbination v	vnich is a (	clear senior synonym c	of R. auia. (Blanco,	,	
General Information	<u>on</u>									
Biome	☐ Ten	restrial	[	Freshwat	er		Marine			
Geographic Range of s	pecies:			Habita	t and Eco	logy Info	rmation:			
Restricted to the Padua-Venetian region in northern Italy, including the southern part of Switzerland. It has been introduced in Central Italy. It is also described in the Adriatic Basin of Slovenia and has been introduced in central and southern Italy. Introduce in most lakes of central and southern Italy were caused the extinction of R. rubilio.  Conservation Measures:  Totally protected in Slovenia but there are no known conservation measures elsewhere.					Preferentially a lacustrine species but it is also found in rivers. There is a regional variation in the preference for the lake or river habitat. Biology of this species reported for Lake Massaciuccoli is probably applied to mixed populations of R. aula and Pachychilon pictum since the latter species, found in this lake, is still not reported (Bianco P.G. pers. observ.).  Threats:  The introduced Rutilus rubilio threatens the riverine populations and Carassius carassius and oriental carps threaten the lake populations, particuarly in Slovenia.					
Locally abundant. Local		lovenia	and Italy							
following introduction of a	alien species.									
	Native Presen	ce Pr	lative - resence	Extinct Rei	introduced	Introduc	ed Vagrant			
Country Distribution	on Confirm	ned P	ossible	_		_				
Croatia	<b>✓</b>									
Italy	<b>✓</b>					<b>✓</b>				
Slovenia Switzerland	<b>✓</b>									
	<u> </u>									
(includes waterfall 5.5 Wetlands (inland)	- Permanent Rivers/Streas) s) - Permanent Freshwater			1 <b>Con</b>	oom/otio	n Mooo	uroo			
Major threats           Code Description of threat         Past Present Future					Conservation Measures  Code Conservation measures In place Needed					
	ing habitat and/or species		✓	uture <b>3000</b> <b>✓</b> 3	_	h actions	asures	III place IVe		
6.3 Water pollution	ing habitat analor species	g habitat and/or species)			Taxonor				<b>✓</b>	
		•	<b>✓</b> 3.1 3.2	Population numbers and ra		rs and range		<b>✓</b>		
				3.3		and Ecolo	=		<b>✓</b>	
				3.4	3.4 Habitat status				<b>✓</b>	
				3.8		ation mea			<b>✓</b>	
-				3.9	Trends/l	Monitoring			✓	
<b>Utilisation of Species</b>										
Purpose/Type of Use 1. Food - human		Subsistence		Nation	al International		Other purpose: Used as fishing bait, and also fried for consumption.			
Primary forms remove	d from the wild	100%	>75%	51-75%	26-50%	<25%	Other forms remov	ed from the wild:		
Whole animal/plant		✓								
Source of specimens i Wild	n commercial trade	100% ✓	>75% 	51-75%	26-50%	<25%	Other source of spe	ecimens:		
Trend in wild offtake/h	arvest in relation to tota		opulation	numbers o	ver last fiv	ve years:	Unknown			
Trend in offtake/harve	st produced through do	mestica	ation/cultiv	ation over	ast five ye	ears:	Unknown			
Red Listing	Least Concern (LC)				D"! =					
Red List Assessment: Red List Criteria:		Possibly E								
Rationale for the Red I		s is a wi	despread s	•			or widespread major th	reats at present.		
Current Population Tre				Date	of Assess	sment:	31/10/2004			
Assessor(s): A.J. Cr	ivelli									

Notes on Red listing:

Bianco, G. & Kottelat, M.

Evaluator:

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