Squalius aradensis Taxonomic Authority: Coelho, Bogu Pereira, 1998	tskaya, Rodrigue	s & Collares-	Region: 1	
Synonyms:			Common Names:	
Order: Cypriniformes Notes on taxonomy: Recent change	e of genus to Squ	ualius from Leu	Family: Cyprinidae uciscus. (Zardoya, R. & Doadrio, I. 1999).(Sanjur, O. et al	2003)
General Information Biome Geographic Range of species: It is restricted to three river basins in Po Bordeira basins. Conservation Measures: None. Species population information: Quite abundant.			Freshwater	h species.
Country Distribution	Confirmed F	Possible	tinct Reintroduced Introduced Vagrant	
Portugal	✓			
Upper Level Habitat Preferen		Score eeks 1	Lower Level Habitat Preferences	Score
 5.1 Wetlands (inland) - Permanent R (includes waterfalls) 5.2 Wetlands (inland) - Seasonal/Inte Rivers/Streams/Creeks 		1		
Major threats Code Description of threat 1 Habitat Loss/Degradation (hund) 1.3 Extraction 1.4 Infrastructure development 1.4.6 Dams 2 Invasive alien species (directly species) 6 Pollution (affecting habitat and) 6.3 Water pollution 7 Natural disasters 7.1 Drought 9 Intrinsic factors 9.1 Limited dispersal 9.9 Restricted range	nan induced) v v v affecting the		1.2 Legislation 1.2.1 Development 1.2.1.1 International level 1.2.2 National level 1.2.2 Implementation 1.2.2.1 International level 1.2.2.2 National level 1.2.2.2 National level 3 Research actions 3.1 Taxonomy 3.2 Population numbers and range 3.3 Biology and Ecology 3.4 Habitat status	In place Needed
Utilisation of Species Purpose/Type of Use Primary forms removed from the will Source of specimens in commercial Trend in wild offtake/harvest in relat Trend in offtake/harvest produced the CITES:	d 100% trade 100% ion to total wild	>75% population nu		
Red Listing Red List Assessment: Vulnerable (VU) Red List Criteria: B2ab(iii,v) Possibly Extinct				

Rationale for the Red List Assessment: S. aradensis is relatively abundant but occurs in only 3 rivers and has a small range

(AOO<2,000km2). Water extraction, drought and the introduction of exotic fish species are threats to the three rivers and are causing a decline in habitat quality and number of mature individuals of S. aradensis.

Date of Assessment:

31/10/2004

Current Population Trend: Unknown

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

Notes on Red listing:

Bibliography

Coelho, M.M., Bogutskaya, N.G., Rodrigues, J.A. & Collares-Pereira, M.J., 1998, Leuciscus torgalensis and L. aradensis, two new cyprinids for Portuguese fresh waters., Journal of Fish Biology, , , 52, 937-950, ,

Mesquita, N. & Coelho, M.M., 2002, The ichthyofauna of the small Mediterranean-type drainage of Portugal: its importance for conservation.,, Conservation of Freshwater Fishes: Options for the Future, Collares-Peraira, M.J., Cowx, I.G. & Coelho, M.M.,, 65-71, Fishing News Books, Oxford, U.K.

Zardoya, R. & Doadrio, I., 1999, Molecular evidence on the evolutionary and biogeographical patterns of European Cypriniids, Journal of Molecular Evolution, , , 49, 227-237, ,

Sanjur, O., Carmona, J.A. & Doadrio, I., 2003, Molecular Phylogeny of Iberian Chub (Genus Squalius, Cyprinidae). inferred from molecular data., Molecular Phylogenetics and Evolution, , , 29, 20-30, ,

Doadrio, I, 2001, , , Atlas y libro rojo de los peces continentale de Espana, , , 374, MMA, CSIC, Madrid