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0.1 Member State	**IT**
0.2.1 Species code	**1152**
0.2.2 Species name	**Aphanius fasciatus**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	nono

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	2000-2011
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Mediterranean (MED)

2.2 Published sources

The present species assessment (fields 0.1-2.9) has been compiled by Alessandra Ippoliti, Andrea Sibilia (Associazione Italiana Ittiologi Acque dolci - AIIAD) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (Institute for Environmental Protection and Research - ISPRA). Information, unpublished data and experts' judgments have been provided by Francesco Nonnis Marzano, Massimo Lorenzoni, Giuseppe Maio, Massimo Pascale, Armando Piccinini, Elisabetta Pizzul, Cesare M. Puzzi, Lorenzo Tancioni, Paolo Turin (AIIAD).

Distribution data for the following Nature 2000 sites have been inserted by the Ministry of Environment (source: Italian Nature 2000 database): ITA090006; ITA050002; ITA050011; ITA060011; ITA050001; ITA050004; ITA080008

Celauro D. & S. Sarrocco, 2008. Ittio-database del Lazio. Relazione finale di tirocinio, Agenzia Regionale Parchi Relazione tecnica non pubblicata;
Database del Repertorio Naturalistico Toscano;
Gualtieri M.& Mecatti M., 2009. Carta Ittica della Provincia di Livorno. Dipartimento di Scienze Zootecniche dell'Università degli Studi di Firenze, Provincia di Livorno. 200 pp.;
Maltagliati F., Domenici P., Franch Fosch C., Cossu P., Casu M., Castelli A., 2003. Small-scale morphological and genetic differentiation in the Mediterranean killifish Aphanius fasciatus (Cyprinodontidae) from a coastal brackish-water pond and an adjacent pool in northern Sardinia. Oceanologica Acta, 26: 111-119;
Provincia di Livorno, 2010. Carta Ittica delle acque interne della Provincia di Livorno. Provincia di Livorno, 199 pp.;
Provincia di Siracusa, 2005. La Carta Ittica della Provincia di Siracusa. Provincia di Siracusa, 141 pp.;
Report 2006 Regione Sicilia;
Regione Autonoma della Sardegna - Assessorato Difesa Ambiente , 2012 - "Servizio di monitoraggio dello stato di conservazione degli habitat e delle specie di importanza comunitaria presenti nei siti della Rete Natura 2000 in Sardegna.
SERVIZIO DI MONITORAGGIO DEI CORPI IDRICI SUPERFICIALI DELLA REGIONE PUGLIA – ARPA Puglia, Relazione Finale Annualità 2010-2011.

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2.3 Range

2.3.1 Surface area - Range (km²)	7300		
2.3.2 Method - Range surface area	Estimate based on partial data with some extrapolation and/or modelling (2)		
2.3.3 Short-term trend period	2001-2012		
2.3.4 Short-term trend direction	stable (0)		
2.3.5 Short-term trend magnitude	min	max	
2.3.6 Long-term trend period	1989-2012		
2.3.7 Long-term trend direction	unknown (x)		
2.3.8 Long-term trend magnitude	min	max	
2.3.9 Favourable reference range	area (km²)		
	operator	more than (>)	
	unkown	No	
	method	Expert opinion	
2.3.10 Reason for change	Improved knowledge/more accurate dataUse of different method		

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit	N/A		
	min		max	
2.4.2 Population size (other than individuals)	Unit	number of map 10x10 km grid cells (grids10x10)		
	min	63	max	63
2.4.3 Additional information	Definition of locality			
	Conversion method	not available		
	Problems	it's not possible to convert grids into individuals		
2.4.4 Year or period	2000-2011			
2.4.5 Method – population size	Estimate based on partial data with some extrapolation and/or modelling (2)			
2.4.6 Short-term trend period	2001-2012			
2.4.7 Short term trend direction	stable (0)			
2.4.8 Short-term trend magnitude	min	max	confidence interval	
2.4.9 Short-term trend method	Estimate based on partial data with some extrapolation and/or modelling (2)			
2.4.10 Long-term trend period	1989-2012			
2.4.11 Long term trend direction	unknown (x)			
2.4.12 Long-term trend magnitude	min	max	confidence interval	
2.4.13 Long-term trend method	Absent data (0)			
2.4.14 Favourable reference population	number			
	operator	more than (>)		
	unknown	No		
	method	Expert opinion		
2.4.15 Reason for change	Improved knowledge/more accurate data Use of different method			

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km²)	
2.5.2 Year or period	
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Moderate
2.5.4 b) Quality of habitat - method	Expert opinion
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	stable (0)

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2.5.7 Long-term trend period	1989-2012
2.5.8 Long term trend direction	stable (0)
2.5.9 Area of suitable habitat (km²)	
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Altered water quality due anthropogenic changes in salinity (J02.14)	high importance (H)	N/A
conversion of saltpans (C01.05.02)	medium importance (M)	N/A
Marine water pollution (H03)	medium importance (M)	N/A
invasive non-native species (I01)	medium importance (M)	N/A
Other ecosystem modifications (J03)	medium importance (M)	N/A
antagonism arising from introduction of species (K03.05)	medium importance (M)	N/A
potting (F02.01.01)	low importance (L)	N/A
water flow changes (limnic, tidal and oceanic) (M01.05)	low importance (L)	N/A

2.6.1 Method used – pressures	mainly based on expert judgement and other data (2)

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Altered water quality due anthropogenic changes in salinity (J02.14)	high importance (H)	N/A
conversion of saltpans (C01.05.02)	medium importance (M)	N/A
Marine water pollution (H03)	medium importance (M)	N/A
invasive non-native species (I01)	medium importance (M)	N/A
Other ecosystem modifications (J03)	medium importance (M)	N/A
antagonism arising from introduction of species (K03.05)	medium importance (M)	N/A
potting (F02.01.01)	low importance (L)	N/A
water flow changes (limnic, tidal and oceanic) (M01.05)	low importance (L)	N/A

2.7.1 Method used – threats	expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends	
2.8.2 Other relevant Information	
2.8.3 Trans-boundary assessment	

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range	assessment	Inadequate (U1)
	qualifiers	N/A
2.9.2. Population	assessment	Inadequate (U1)
	qualifiers	N/A
2.9.3. Habitat	assessment	Inadequate (U1)
	qualifiers	N/A
2.9.4. Future prospects	assessment	Inadequate (U1)
	qualifiers	N/A

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2.9.5 Overall assessment of Conservation Status	Inadequate (U1)
2.9.5 Overall trend in Conservation Status	stable (=)

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

3.1.1 Population Size	Unit	N/A
	min	max
3.1.2 Method used	Absent data (0)	
3.1.3 Trend of population size within	N/A	

3.2 Conversation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Legal protection of habitats and species (6.3)	Administrative	medium importance (M)	Inside	Maintain Long term

2. Biogeographical Or Marine Level

2.1 Biogeographical Region	**Continental (CON)**
2.2 Published sources	The present species assessment (fields 0.1-2.9) has been compiled by Alessandra Ippoliti, Andrea Sibilia (Associazione Italiana Ittiologi Acque dolci - AIIAD) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (Institute for Environmental Protection and Research - ISPRA). Information, unpublished data and experts' judgments have been provided by Francesco Nonnis Marzano, Massimo Lorenzoni, Giuseppe Maio, Massimo Pascale, Armando Piccinini, Elisabetta Pizzul, Cesare M. Puzzi, Lorenzo Tancioni, Paolo Turin (AIIAD). Dataset ETP 1988-2012. Regione Friuli Venezia Giulia; G.R.A.I.A. Srl, 2007. Carta Ittica del Fiume Po. Autorità di Bacino del Fiume Po, Parma. Technical Report, unpublished document; Mappatura effettuata mediante GIS attraverso la georeferenziazione su griglia UE 10 km delle segnalazioni archiviate sulla Banca Dati Regionale (aggiornamento al 2010).

2.3 Range

2.3.1 Surface area - Range (km²)	2300	
2.3.2 Method - Range surface area	Estimate based on partial data with some extrapolation and/or modelling (2)	
2.3.3 Short-term trend period	2001-2012	
2.3.4 Short-term trend direction	stable (0)	
2.3.5 Short-term trend magnitude	min	max
2.3.6 Long-term trend period	1989-2012	
2.3.7 Long-term trend direction	unknown (x)	
2.3.8 Long-term trend magnitude	min	max
2.3.9 Favourable reference range	area (km²)	
	operator	approximately equal to (≈)
	unkown	No
	method	Expert opinion

2.3.10 Reason for change	Improved knowledge/more accurate dataUse of different method

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit	N/A		
	min		max	
2.4.2 Population size (other than individuals)	Unit	number of map 10x10 km grid cells (grids10x10)		
	min	16	max	16
2.4.3 Additional information	Definition of locality			
	Conversion method	not available		
	Problems	it's not possible to convert grids into individuals		
2.4.4 Year or period	2000-2011			
2.4.5 Method – population size	Estimate based on partial data with some extrapolation and/or modelling (2)			
2.4.6 Short-term trend period	2001-2012			
2.4.7 Short term trend direction	stable (0)			
2.4.8 Short-term trend magnitude	min		max	confidence interval
2.4.9 Short-term trend method	Estimate based on partial data with some extrapolation and/or modelling (2)			
2.4.10 Long-term trend period	1989-2012			
2.4.11 Long term trend direction	unknown (x)			
2.4.12 Long-term trend magnitude	min		max	confidence interval
2.4.13 Long-term trend method	Absent data (0)			
2.4.14 Favourable reference population	number			
	operator	approximately equal to (≈)		
	unknown	No		
	method	Expert opinion		
2.4.15 Reason for change	Improved knowledge/more accurate data Use of different method			

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km²)	
2.5.2 Year or period	
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Moderate
2.5.4 b) Quality of habitat - method	Expert opinion
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	stable (0)
2.5.7 Long-term trend period	1989-2012
2.5.8 Long term trend direction	stable (0)
2.5.9 Area of suitable habitat (km²)	
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Altered water quality due anthropogenic changes in salinity (J02.14)	high importance (H)	N/A
Marine water pollution (H03)	medium importance (M)	N/A
invasive non-native species (I01)	medium importance (M)	N/A
Other ecosystem modifications (J03)	medium importance (M)	N/A

potting (F02.01.01)	low importance (L)	N/A

2.6.1 Method used – pressures: mainly based on expert judgement and other data (2)

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Altered water quality due anthropogenic changes in salinity (J02.14)	high importance (H)	N/A
Marine water pollution (H03)	medium importance (M)	N/A
invasive non-native species (I01)	medium importance (M)	N/A
estuarine and coastal dredging (J02.02.02)	medium importance (M)	N/A
Other ecosystem modifications (J03)	medium importance (M)	N/A
potting (F02.01.01)	low importance (L)	N/A

2.7.1 Method used – threats: expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

2.8.3 Trans-boundary assessment

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range
assessment Favourable (FV)
qualifiers N/A

2.9.2. Population
assessment Favourable (FV)
qualifiers N/A

2.9.3. Habitat
assessment Inadequate (U1)
qualifiers N/A

2.9.4. Future prospects
assessment Inadequate (U1)
qualifiers N/A

2.9.5 Overall assessment of Conservation Status: Inadequate (U1)

2.9.5 Overall trend in Conservation Status: stable (=)

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

3.1.1 Population Size
Unit N/A
min max

3.1.2 Method used: Absent data (0)

3.1.3 Trend of population size within: N/A

3.2 Conversation Measures

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3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Regulating/Management exploitation of natural resources on land (9.1)	Administrative	medium importance (M)	Inside	Unknown