Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

0.1 Member State	**IT**
0.2.1 Species code	**1155**
0.2.2 Species name	**Knipowitschia panizzae**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	ghiozzetto di laguna

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	1990-2011
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 Information, unpublished data and experts' judgments have been provided by Francesco Nonnis Marzano, Massimo Lorenzoni, Giuseppe Maio, Massimo Pascale, Armando Piccinini, Elisabetta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). Bianco P.G e Frezza V. in Bianco P.G. e de Filippo G. (eds.) 2011. Contributo alla conoscenza della fauna ittica d'acqua dolce in aree protette d'Italia. Res.Wildl.Conserv. 3. IGF Publ., USA; Servizio di monitoraggio dei corpi idrici superficiali della Regione Puglia – ARPA PUGLIA, Relazione Finale Annualità 2010-2011

2.3 Range

2.3.1 Surface area - Range (km²)	500	
2.3.2 Method - Range surface area	Estimate based on expert opinion with no or minimal sampling (1)	
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	stable (0)	
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

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

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	5	max 5
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	2007-2011		
2.4.5 Method – population size	Estimate based on expert opinion with no or minimal sampling (1)		
2.4.6 Short-term trend period	2001-2012		
2.4.7 Short term trend direction	unknown (x)		
2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method	Absent data (0)		
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	N/A	
	unknown	Yes	
	method	Expert opinion	
2.4.15 Reason for change			

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	Good
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)
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	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
Fishing and harvesting aquatic resources (F02)	high importance (H)	N/A
Altered water quality due anthropogenic changes in salinity (J02.14)	low importance (L)	N/A

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

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	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
Fishing and harvesting aquatic resources (F02)	high importance (H)	N/A
Altered water quality due anthropogenic changes in salinity (J02.14)	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 Unknown (XX)
qualifiers N/A

2.9.3. Habitat
assessment Favourable (FV)
qualifiers N/A

2.9.4. Future prospects
assessment Favourable (FV)
qualifiers N/A

2.9.5 Overall assessment of Conservation Status: Favourable (FV)

2.9.5 Overall trend in Conservation Status: N/A

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
No measure known/ impossible to carry out specific measures (1.3)		()		

2. Biogeographical Or Marine Level

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

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). A.R.S.I.A.L., 2012. Carta della Biodiversità Ittica delle Acque Correnti del Lazio, Provincia di Rieti. Regione Lazio -Acquaprogram Vicenza - Lynx Natura e Ambiente s.r.l. - TEMI s.r.l. R Technical Report, published on internet. 161 pp; Carletti M., 1999. La fauna ittica dell'Emilia-Romagna nell'ambito del Progetto Bioitaly. Tesi di Laurea in Scienze Biologiche, Università di Modena e Reggio Emilia, a.a. 1998-1999, 104 pp. Unpublished document; Dataset ETP 1988-2012. Regione Friuli Venezia Giulia; Gandolfi G., 1973. Primi dati sul popolamento ittico nelle acque interne del Delta padano. Acta Naturalia, 9 (4): 409-417.; Mappatura effettuata mediante GIS attraverso la georeferenziazione su griglia UE 10 km delle segnalazioni archiviate sulla Banca Dati Regionale (aggiornamento al 2010).; Marconato E., Maio G., Salviati S., 2000. La fauna ittica della Provincia di Venezia. Provincia di Venezia, Ass. Caccia, Pesca e Polizia Provinciale, 176 pp.; Marconato E., Salviati S., Maio G., Marconato A., 1990. La fauna ittica della provincia di Padova. Provincia di Padova, 120 pp.; Turin P., Zanetti M., Loro R., Bilò M.F., 1995. Carta ittica della provincia di Padova. Provincia di Padova, 180 pp.

2.3 Range

2.3.1 Surface area - Range (km²)	6000	
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	stable (0)	
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	23	max	23
2.4.3 Additional information	Definition of locality			
	Conversion method	not available		

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

	Problems	it's not possible to convert grids into individuals	
2.4.4 Year or period	1990-2011		
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	unknown (x)		
2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method	Absent data (0)		
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	N/A	
	unknown	Yes	
	method	Expert opinion	
2.4.15 Reason for change			

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)
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	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
Fishing and harvesting aquatic resources (F02)	high importance (H)	N/A
Altered water quality due anthropogenic changes in salinity (J02.14)	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)
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	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

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Fishing and harvesting aquatic resources (F02)	high importance (H)	N/A
Altered water quality due anthropogenic changes in salinity (J02.14)	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	Unknown (XX)
	qualifiers	N/A
2.9.3. Habitat	assessment	Favourable (FV)
	qualifiers	N/A
2.9.4. Future prospects	assessment	Favourable (FV)
	qualifiers	N/A
2.9.5 Overall assessment of Conservation Status	Favourable (FV)	
2.9.5 Overall trend in Conservation Status	N/A	

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
Restoring/improving water quality (4.1)	Legal Administrative Recurrent	low importance (L)	Both	Not evaluated
Regulating/Management exploitation of natural resources on land (9.1)	Legal Administrative Recurrent	low importance (L)	Both	Not evaluated