

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	1115
0.2.2 Species name	Chondrostoma genei
0.2.3 Alternative species scientific name	Protochondrostoma genei
0.2.4 Common name	lasca

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	1999-2012
1.1.4 Additional map	Yes
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

2.2 Published sources

Mediterranean (MED)

The present species assessment (fields 0.1-2.9) has been compiled by Alessandra Ippoliti, Andrea Sibia (Associazione Italiana Ittiologi Acque dolci - AIAD) 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 Information, unpublished data and experts' judgments have been provided by Francesco Nonnis Marzano, Massimo Lorenzoni, Giuseppe Maio, Massimo Pascale, Armando Piccinini, Elisabetta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 (AIAD).

Distribution data for the following Nature 2000 sites have been inserted by the Ministry of Environment (source: Italian Nature 2000 database): IT1324909; IT1343502

Provincia di Imperia, 2009. Monitoraggi Ittici. Unpublished data.

Provincia di Savona, 2009. Terza Carta ittica della provincia di Savona. Rapporto tecnico pubblicato sul web. 22 pp.

2.3 Range

2.3.1 Surface area - Range (km ²)	N/A	
2.3.2 Method - Range surface area		
2.3.3 Short-term trend period		
2.3.4 Short-term trend direction	N/A	
2.3.5 Short-term trend magnitude	min	max
2.3.6 Long-term trend period	N/A	
2.3.7 Long-term trend direction		
2.3.8 Long-term trend magnitude		
2.3.9 Favourable reference range	area (km ²)	
	operator	N/A
	unkown	No
	method	

2.3.10 Reason for change

2.4 Population

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2.4.1 Population size (individuals or agreed exception)	Unit	N/A		
	min		max	
2.4.2 Population size (other than individuals)	Unit	N/A		
	min		max	
2.4.3 Additional information	Definition of locality Conversion method Problems			
2.4.4 Year or period				
2.4.5 Method – population size	N/A			
2.4.6 Short-term trend period				
2.4.7 Short term trend direction	N/A			
2.4.8 Short-term trend magnitude	min		max	confidence interval
2.4.9 Short-term trend method	N/A			
2.4.10 Long-term trend period				
2.4.11 Long term trend direction	N/A			
2.4.12 Long-term trend magnitude	min		max	confidence interval
2.4.13 Long-term trend method	N/A			
2.4.14 Favourable reference population	number			
	operator	N/A		
	unknown	No		
	method			
2.4.15 Reason for change				
2.5 Habitat for the Species				
2.5.1 Surface area - Habitat (km ²)				
2.5.2 Year or period				
2.5.3 Method used - habitat	N/A			
2.5.4 a) Quality of habitat				
2.5.4 b) Quality of habitat - method				
2.5.5 Short term trend period				
2.5.6 Short term trend direction	N/A			
2.5.7 Long-term trend period				
2.5.8 Long term trend direction	N/A			
2.5.9 Area of suitable habitat (km ²)				
2.5.10 Reason for change				
2.6 Main Pressures				
2.6.1 Method used – pressures	N/A			
2.7 Main Threats				
2.7.1 Method used – threats	N/A			
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)				

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2.9.1 Range	assessment N/A qualifiers N/A
2.9.2. Population	assessment N/A qualifiers N/A
2.9.3. Habitat	assessment N/A qualifiers N/A
2.9.4. Future prospects	assessment N/A qualifiers N/A
2.9.5 Overall assessment of Conservation Status	N/A
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

2. Biogeographical Or Marine Level

2.1 Biogeographical Region
2.2 Published sources

Continental (CON)

The present species assessment (fields 0.1-2.9) has been compiled by Alessandra Ippoliti, Andrea Sibilis (Associazione Italiana Ittiologi Acque dolci - AIAD) 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 (AIAD).

Distribution data for the following Nature 2000 sites have been inserted by the Ministry of Environment (source: Italian Nature 2000 database): IT3320030; IT5340012; IT20A0020; IT2030004; IT2030005;

Bioprogramm S.c.r.l., 2004 A. Censimenti effettuati per la Provincia di Milano. Amministrazione Provinciale di Milano, Unpublished data;
Castaldelli G. & Rossi R., 2008. Carta ittica dell'Emilia-Romagna Zone B e A. Regione Emilia-Romagna, 324 pp.
Dataset ETP 1988-2012. Regione Friuli Venezia Giulia;
De Paoli A., Esposito M., Capellini G. & Navarrini F., 2011. Carta Ittica dei corsi d'acqua corrente della Provincia di Rimini (rilevamenti di aggiornamento 2005 – 2011). Provincia di Rimini, 240 pp.;
G.R.A.I.A. Srl, 2003. Conservazione della trota marmorata nel Parco Adda Sud.

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Parco Adda Sud. Technical Report, unpublished document;
G.R.A.I.A. Srl, 2004. Progetto Life-Natura di "Conservazione di *Salmo marmoratus* e *Rutilus pigus* nel Fiume Ticino" – Life-nat00/it/7268. Life-Nature Programm, Consorzio Parco Lombardo della Valle del Ticino, Pontevecchio di Magenta (MI). Technical Reports, unpublished documents;
G.R.A.I.A. Srl, 2005. Studio di Impatto Ambientale per la via navigabile Locarno-Milano: Comparto Ittico. Relazione tecnica consegnata al Parco del Ticino. Consorzio Parco Lombardo della Valle del Ticino, Pontevecchio di Magenta (MI). Technical Report, unpublished document;
G.R.A.I.A. Srl, 2005. Carta Ittica della Provincia di Brescia – Provincia di Brescia, settore Caccia e Pesca. Provincia di Brescia, 468 pp.;
G.R.A.I.A. Srl, 2006. Progetto di "Conservazione di *Acipenser naccarii* nel Fiume Ticino e nel medio corso del Po" – Life-nat03/it/000113. Autorità di Bacino del Fiume Po, Parma. Technical Report, unpublished document;
G.R.A.I.A. Srl, 2006. Progetto di "Conservazione di *Acipenser naccarii* nel Fiume Ticino e nel medio corso del Po" – Life-nat03/it/000113. Autorità di Bacino del Fiume Po, Parma. Technical Report, unpublished document;
G.R.A.I.A. Srl, 2007. Aggiornamento della Carta delle Vocazioni Ittiche della Provincia di Milano. Amministrazione Provinciale di Milano. Technical Report, unpublished document;
G.R.A.I.A. Srl, 2007. Carta Ittica del Fiume Po. Autorità di Bacino del Fiume Po, Parma. Technical Report, unpublished document;
Lombardi C., 2002. Carta provinciale delle vocazioni ittiche. Provincia di Cremona, Settore Agricoltura, Caccia e Pesca, 400 pp.;
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.;
Marconi M., 2006. Carta Ittica della Provincia di Macerata – Acque di Categoria "A". Technical Report, published on internet. 75 pp.;
Marconi M., 2010. Carta Ittica della Provincia di Macerata – Acque di Categoria "B – C". Technical Report, published on internet. 73 pp.;
Melotti P., Roncarati A., Dees A., Felici A., Fortini L., 2007. Carta Ittica della Provincia di Ancona. Carta ittica delle Marche;
Nocita A., 2002. Carta ittica della Provincia di Firenze. Prov. Firenze, Ass. Agricoltura Caccia e Pesca – Mus. St. Nat., Univ. Firenze, Sez. Zool. "La Specola", 260 pp.;
Perosino G., 2006. Monitoraggio della fauna ittica in Piemonte. Regione Piemonte, unpublished data.
Provincia di Pavia, 2007. Aggiornamento della Carta Ittica della Provincia di Pavia. Amministrazione Provinciale di Pavia. Unpublished data;
Provincia di Treviso, 2012. Carta ittica della Provincia di Treviso, aggiornamento 2008-2010. Rapporto tecnico pubblicato sul web. 181 pp.;
Provincia di Verona, 2008. Carta Ittica della Provincia di Verona. Rapporto tecnico pubblicato sul web. 210 pp.;
Provincia di Vicenza, 2012. Aggiornamenti della Carta Ittica della Provincia di Vicenza;
Puzzi C.M., Monicelli F., Trasforini S., Riva M., Gentili G., 2001. Carta ittica della Provincia di Mantova. Provincia di Mantova. Società G.R.A.I.A. srl . Technical Report, unpublished document;
Regione Emilia-Romagna, 2002. Carta ittica dell'Emilia-Romagna Zona "D". Regione Emilia-Romagna, 313 pp;
Regione Emilia-Romagna, 2006. Carta ittica dell'Emilia-Romagna Zona "C". Regione Emilia-Romagna, 160 pp;
Regione Piemonte, 2009. Ittiofauna del Piemonte (anno di monitoraggio 2009) –

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Testo di illustrazione dei parametri fisiogeografici relativi agli ambienti fluviali ed allo stato delle popolazioni ittiche – tabella riassuntiva dati.xls. Technical Report, published on internet;
 Turin P., Locatelli R., 2010 “Carta Ittica – Aggiornamento dello stato delle conoscenze sui popolamenti ittici della Provincia di Padova”. Ed. Provincia di Padova, 332 pp;
 Turin P., Maio G., Zanetti M., Bilò M.F., Rossi V., Salviati S., 1999. Carta Ittica delle acque interne. Provincia di Rovigo, Assessorato alla pesca., 130 pp.;
 Turin P., Zanetti M., Caudullo G., Tioli S., Tuzzato B., Mazzetti G., Patroncini D., Turrin D., Zocca A. 2008 – Presenza e distribuzione delle specie ittiche di interesse comunitario nelle acque interne del Veneto, in relazione alle aree SIC. In M. Bon, L. Bonato, F. Scarton (eds.), 2008. Atti 5° Convegno Faunisti Veneti. Boll. Mus. Civ. St. Nat. Venezia, suppl. al vol. 58, pp. 368.

2.3 Range

2.3.1 Surface area - Range (km ²)	68300
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	decrease (-)
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	decrease (-)
2.3.8 Long-term trend magnitude	min max
2.3.9 Favourable reference range	area (km ²) operator much 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 260 max 260
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	1999-2012
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	decrease (-)
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	decrease (-)

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2.4.12 Long-term trend magnitude	min	max	confidence interval
2.4.13 Long-term trend method	Estimate based on partial data with some extrapolation and/or modelling (2)		
2.4.14 Favourable reference population	number		
	operator	much 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 (km ²)	Absent data (0)
2.5.2 Year or period	
2.5.3 Method used - habitat	
2.5.4 a) Quality of habitat	Bad
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	decrease (-)
2.5.7 Long-term trend period	1989-2012
2.5.8 Long term trend direction	decrease (-)
2.5.9 Area of suitable habitat (km ²)	Improved knowledge/more accurate data Use of different method
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Sand and gravel extraction (C01.01)	medium importance (M)	N/A
Leisure fishing (F02.03)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
invasive non-native species (I01)	high importance (H)	N/A
canalisation (J02.03.02)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	high importance (H)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
competition (fauna) (K03.01)	medium importance (M)	N/A
predation (K03.04)	high importance (H)	N/A

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

Threat	ranking	pollution qualifier(s)
Sand and gravel extraction (C01.01)	medium importance (M)	N/A
Leisure fishing (F02.03)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
invasive non-native species (I01)	high importance (H)	N/A
canalisation (J02.03.02)	medium importance (M)	N/A

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modifying structures of inland water courses (J02.05.02)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	high importance (H)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
competition (fauna) (K03.01)	medium importance (M)	N/A
predation (K03.04)	high importance (H)	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 Bad (U2) qualifiers N/A
2.9.2. Population	assessment Bad (U2) qualifiers N/A
2.9.3. Habitat	assessment Bad (U2) qualifiers N/A
2.9.4. Future prospects	assessment Bad (U2) qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Bad (U2)
2.9.5 Overall trend in Conservation Status	declining (-)

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 Recurrent	low importance (L)	Both	Unknown
Other wetland-related measures (4.0)	One-off	low importance (L)	Both	Long term
Other species management measures (7.0)	Administrative	high importance (H)	Both	Maintain

2. Biogeographical Or Marine Level

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2.1 Biogeographical Region

2.2 Published sources

Alpine (ALP)

The present species assessment (fields 0.1-2.9) has been compiled by Alessandra Ippoliti, Andrea Sibia (Associazione Italiana Ittiologi Acque dolci - AIAD) 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 (AIAD).

Dataset ETP 1988-2012. Regione Friuli Venezia Giulia;
Perosino G., 2006. Monitoraggio della fauna ittica in Piemonte. Regione Piemonte, unpublished data;
Regione Piemonte, 2009. Ittiofauna del Piemonte (anno di monitoraggio 2009) - Testo di illustrazione dei parametri fisiogeografici relativi agli ambienti fluviali ed allo stato delle popolazioni ittiche - tabella riassuntiva dati.xls. Technical Report, published on internet.

2.3 Range

2.3.1 Surface area - Range (km²)

2.3.2 Method - Range surface area

N/A

2.3.3 Short-term trend period

2.3.4 Short-term trend direction

N/A

2.3.5 Short-term trend magnitude

min

max

2.3.6 Long-term trend period

2.3.7 Long-term trend direction

N/A

2.3.8 Long-term trend magnitude

min

max

2.3.9 Favourable reference range

area (km²)

operator

N/A

unkown

No

method

2.3.10 Reason for change

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

N/A

min

max

2.4.3 Additional information

Definition of locality

Conversion method

Problems

2.4.4 Year or period

2.4.5 Method – population size

N/A

2.4.6 Short-term trend period

2.4.7 Short term trend direction

N/A

2.4.8 Short-term trend magnitude

min

max

confidence interval

2.4.9 Short-term trend method

N/A

2.4.10 Long-term trend period

2.4.11 Long term trend direction

N/A

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2.4.12 Long-term trend magnitude	min	max	confidence interval
2.4.13 Long-term trend method	N/A		
2.4.14 Favourable reference population	number		
	operator	N/A	
	unknown	No	
	method		
2.4.15 Reason for change			

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	
2.5.2 Year or period	
2.5.3 Method used - habitat	N/A
2.5.4 a) Quality of habitat	
2.5.4 b) Quality of habitat - method	
2.5.5 Short term trend period	
2.5.6 Short term trend direction	N/A
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km ²)	
2.5.10 Reason for change	

2.6 Main Pressures

2.6.1 Method used – pressures	N/A
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2.7 Main Threats

2.7.1 Method used – threats	N/A
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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 N/A
	qualifiers N/A
2.9.2. Population	assessment N/A
	qualifiers N/A
2.9.3. Habitat	assessment N/A
	qualifiers N/A
2.9.4. Future prospects	assessment N/A
	qualifiers N/A
2.9.5 Overall assessment of Conservation Status	N/A
2.9.5 Overall trend in Conservation Status	N/A

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

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3.1 Population

3.1.1 Population Size	Unit	N/A
	min	max

3.1.2 Method used	Absent data (0)
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3.1.3 Trend of population size within	N/A
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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
Managing water abstraction (4.3)	Legal	medium importance (M)	Both	Not evaluated
Restoring/improving the hydrological regime (4.2)	Legal	medium importance (M)	Both	Not evaluated

Notes

Species name: Chondrostoma genei (1115)

Field label	Note	User
1.1.4 Additional distribution map	The map rapresents the species' distribution in the no-native area. The grid is 10x10 Kilometers.	ISPRA_ AUNA

Species name: Chondrostoma genei (1115) Region code: CON

Field label	Note	User
2.3.1 Surface area - Range (km ²)	The area of the range has been calculated also summing up the grid cells of species' presence in the adjacent biogeographical region of marginal presence. Only cells entirely overlapped to the marginal area have been summed up, in order to avoid an overestimation of the overall species' range.	ISPRA_ AUNA



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