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	**1096**
0.2.2 Species name	**Lampetra planeri**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	lampreda di ruscello

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	2001-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region	**Continental (CON)**
2.2 Published sources	Lorenzoni M., Ghetti L., Carosi A., Dolciami R., 2010, La fauna ittica e i corsi d'acqua dell'Umbria. Sintesi delle Carte Ittiche regionali dal 1986 al 2009. Petruzzi Editore, Perugia. 288 pp.

2.3 Range

2.3.1 Surface area - Range (km²)	700	
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 (km²)	
	operator	much more than (>>)
	unkown	No
	method	expert opinion
2.3.10 Reason for change	Use 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	3	max	3
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	2001-2012			
2.4.5 Method – population size	Estimate based on partial data with some extrapolation and/or modelling (2)			

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

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 (-)		
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	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	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 (km²)	
2.5.10 Reason for change	Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Sand and gravel extraction (C01.01)	high importance (H)	N/A
marine constructions (D03.03)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	N/A
Removal of sediments (mud...) (J02.02)	medium importance (M)	N/A
Canalisation & water deviation (J02.03)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
dykes and flooding defence in inland water systems (J02.12.02)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	high importance (H)	N/A
reduction in migration/ migration barriers (J03.02.01)	high importance (H)	N/A
antagonism arising from introduction of species (K03.05)	medium importance (M)	N/A
poaching (F05.04)	medium importance (M)	N/A

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

2.7 Main Threats

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

Threat	ranking	pollution qualifier(s)
Sand and gravel extraction (C01.01)	high importance (H)	N/A
marine constructions (D03.03)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	N/A
Removal of sediments (mud...) (J02.02)	medium importance (M)	N/A
Canalisation & water deviation (J02.03)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
dykes and flooding defence in inland water systems (J02.12.02)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	high importance (H)	N/A
reduction in migration/ migration barriers (J03.02.01)	high importance (H)	N/A
antagonism arising from introduction of species (K03.05)	medium importance (M)	N/A
poaching (F05.04)	medium importance (M)	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	Inadequate (U1)
	qualifiers	N/A
2.9.4. Future prospects	assessment	Inadequate (U1)
	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

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

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

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): IT6040024; IT6050015

A.R.S.I.A.L., 2009. Carta della Biodiversità ittica della Provincia di Frosinone - Schede di campionamento. Regione Lazio - Università degli Studi di Roma Tor Vergata. Technical Report, published on internet. 165 pp.;
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.;
Acquaprogram s.r.l., 2009. Realizzazione della “Carta della Biodiversità Ittica del Lazio, Province di Viterbo e Latina”. Relazione conclusiva - Allegato 1, Schede di campionamento morfologico ed ittico ed elaborazioni Schede Indice Funzionalità Fluviale Provincia di Latina. Technical Report, published on internet;
Banca dati dell'IGF. Regione Campania;
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;.
Lorenzoni M., Ghetti L., Carosi A., Dolciami R., 2010, La fauna ittica e i corsi d'acqua dell'Umbria. Sintesi delle Carte Ittiche regionali dal 1986 al 2009. Petruzzi Editore, Perugia. 288 pp. ;
Provincia di Avellino, 2004. Carta Ittica della Provincia di Avellino. Provincia di Avellino, 227 pp.;
Regione Liguria, 2008, Carta della Biodiversità, www.ambienteinliguria.it;
Regione Molise, 2005. Carta Ittica. Regione Molise, Assessorato Caccia e Pesca. 504 pp.;
Sarrocco S., Maio G., Celauro e Tancioni L., 2012. Carta della Biodiversità ittica delle acque correnti del Lazio. Edizioni ARP, Roma, 194;
Tancioni L. e Cataudella S. (Ed.) (2009). Carta Ittica della Provincia di Roma - Contributo alla conoscenza Ecologica delle acque correnti superficiali della Provincia. Università degli Studi di Roma “Tor Vergata” e Provincia di Roma-Assessorato alle Politiche dell’Agricoltura. Roma, 363 pp.

2.3 Range

2.3.1 Surface area - Range (km²)	13100
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

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

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 (km²)			
	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	32	max	32
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	2001-2012			
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	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 (-)			
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 (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	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 (km²)	
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

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

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Sand and gravel extraction (C01.01)	high importance (H)	N/A
marine constructions (D03.03)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
Removal of sediments (mud...) (J02.02)	medium importance (M)	N/A
Canalisation & water deviation (J02.03)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
dykes and flooding defence in inland water systems (J02.12.02)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	high importance (H)	N/A
reduction in migration/ migration barriers (J03.02.01)	high importance (H)	N/A
antagonism arising from introduction of species (K03.05)	medium importance (M)	N/A
poaching (F05.04)	medium importance (M)	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)
Sand and gravel extraction (C01.01)	high importance (H)	N/A
marine constructions (D03.03)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
Removal of sediments (mud...) (J02.02)	medium importance (M)	N/A
Canalisation & water deviation (J02.03)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
dykes and flooding defence in inland water systems (J02.12.02)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	high importance (H)	N/A
reduction in migration/ migration barriers (J03.02.01)	high importance (H)	N/A
antagonism arising from introduction of species (K03.05)	medium importance (M)	N/A
poaching (F05.04)	medium importance (M)	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)

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

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	Inadequate (U1)
	qualifiers	N/A
2.9.4. Future prospects	assessment	Inadequate (U1)
	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
Measures needed, but not implemented (1.2)		()		