

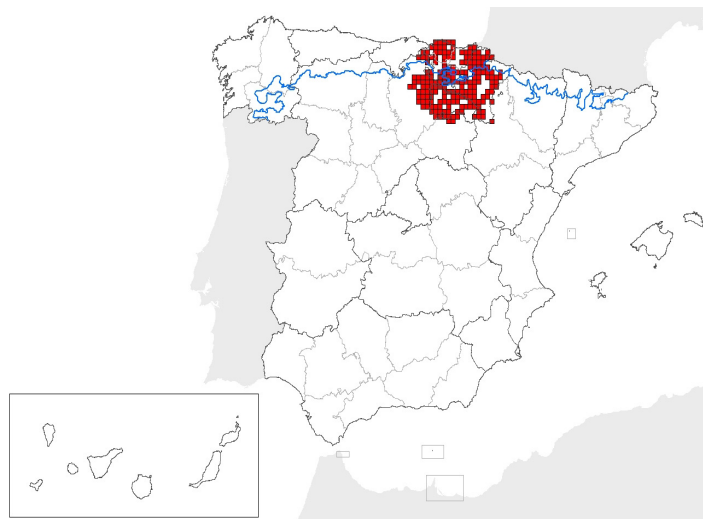
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Mustela lutreola

1. National level

Biogeographical regions and/or marine regions concerned within the Member State: **ALP ATL MED**

map-distribution



2. Biogeographical or marine level

2.1 Biogeographical region or marine region: **ALPINE**

2.2 Published sources and/or websites:

Sin especificar

2.3 Range of the species type in the biogeographic region or marine region

2.3.1 Surface area of species range in km2: 178,84

2.3.2 Date of range determination: 2006

2.3.3 Quality of data concerning range: Moderate e.g. based on partial data with some extrapolation

2.3.4 Range trend: Unknown (X)

2.3.5 Range trend magnitude in km2 (optional):

2.3.6 Range trend period:

2.3.7 Reasons for reported trend:

and/or specify

2.4 Population of the species in the biogeographic region or marine region

2.4.1 Population size estimation:

Population size estimation (minimum)	Population size estimation (maximum)	Population units
7	0	Number of localities

2.4.2 Date of population estimation: 2006

2.4.3 Methods used for population estimation: Based on expert opinion

2.4.4 Quality of data on area: Moderate e.g. based on partial data with some extrapolation

2.4.5 Population trend: Unknown (X)

2.4.6 Population trend magnitude (km2):

2.4.7 Population trend period:

2.4.8 Reasons for reported trend:

and/or specify:

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2.4.9 Justification of % thresholds for trends (optional):

- 2.4.10 Main pressures:
- 300 Sand and gravel extraction

301 - quarries

830 Canalisation

850 Modification of hydrographic functioning, general

870 Dykes, embankments, artificial beaches, general

890 Other human induced changes in hydraulic conditions

2.4.11 Threats

2,5 Habitat for the species in the biogeographic region or marine region

- 2.5.1 Habitats for the species:
- 2.5.2 Area estimation (km2): 105,28
- 2.5.3 Date of estimation: 2006
- 2.5.4 Quality of the data: Moderate e.g. based on partial data with some extrapolation
- 2.5.5 Trend of the habitat: Decreasing (-)
- 2.5.6 Trend period:
- 2.5.7 Reasons for reported trend:
- Other (specify):

2.6 Future prospects for the species:

2.7 Complementary information

- 2.7.1 Favourable reference range (km2):
- 2.7.2 Favourable reference population:
- 2.7.3 Suitable habitat for the species (km2):
- 2.7.4 Other relevant information (optional):

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Unknown (XX)	
Conclusions: (2.4) Population:	Unknown (XX)	
Conclusions: (2.5) Habitat for the species:	Unknown (XX)	
Conclusions: (2.6) Future prospects:	Unknown (XX)	
Conclusions: Overall assessment:	Unknown (XX)	

2.1 Biogeographical region or marine region: ATLANTIC

2.2 Published sources and/or websites:

ÁLVAREZ, J., BEA, A., FAUS, J.M., CASTIÉN, E. y MENDIOLA, I. 1985. Atlas de los Vertebrados Continentales de Araba, Vizcaya y Guipúzcoa (excepto Chiroptera). Servicio Central de Publicaciones del Gobierno Vasco.

PALOMO, L.J. y GISBERT, J. 2002. Atlas de los mamíferos terrestres de España. Dirección General de Conservación de la Naturaleza. Ministerio de Medio Ambiente.

ÁLVAREZ, J. et al. 1998. Vertebrados continentales: situación actual en la Comunidad Autónoma del País Vasco. Gobierno Vasco.

BELAMENDIA. 1998. Distribución y densidad poblacional del visón europeo (Mustela lutreola) en el entorno de Salburua; Vitoria-Gasteiz (Álava). CEA de Vitoria-Gasteiz. Informe inédito. (URL: <http://www.vitoria-gasteiz.org/cea/documentos/815es.pdf>)

ILLANA, A. y PANIAGUA, D. 2002. Atlas de Distribución de Carnívoros en el Territorio Histórico de Álava. Departamento de Agricultura y Pesca, Gobierno Vasco. Informe inédito. (URL: http://www.ingurumena.ejgv.euskadi.net/r49-3613/eu/contenidos/informacion/investigacion_bio/eu_1096/adjuntos/atlas_carnivoros.pdf)

GONZÁLEZ-ESTEBAN, J. y VILLATE, I. 2005. Red de seguimiento de carnívoros en la Comunidad Autónoma del País Vasco.

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Dirección de Biodiversidad, Gobierno Vasco. Informe inédito. (URL: www.euskadi.net/r33-2732/es/contenidos/informe_estudio/seguimiento_carnivoros/es_est/adjuntos/documento.pdf)

PANIAGUA, D, ECHEGARAY, J. e ILLANA, A. 2004. Carnívoros terrestres en los bosques-isla de la Llanada Alavesa. Dirección de Biodiversidad, Gobierno Vasco. Informe inédito. (URL www.ingurumena.ejgv.euskadi.net/.../contenidos/informacion/investigacion_bio/es_1096/adjuntos/2002_gaden.pdf)

GONZALEZ-ESTEBAN, J., VILLATE, I. e IRIZAR, I. 2001. Área de distribución y valoración del estado de las poblaciones de visón europeo en la Comunidad Autónoma del País Vasco. Informe inédito.

Temiño, C. y Gama, S.L. 2004. La conservación del visón europeo en Castilla y León. Junta de Castilla y León.

Velasco, J.C., Lizana, M., Román, J., Delibes, M. & Fernández, J. 2005. Guía de los peces, anfibios, reptiles y mamíferos de Castilla y León. Náyade Editorial. Medina del Campo (Valladolid).

2.3 Range of the species type in the biogeographic region or marine region

- 2.3.1 Surface area of species range in km2: 5621
- 2.3.2 Date of range determination: 1970-2004
- 2.3.3 Quality of data concerning range:
- 2.3.4 Range trend: Unknown (X)
- 2.3.5 Range trend magnitude in km2 (optional):
- 2.3.6 Range trend period:
- 2.3.7 Reasons for reported trend:
and/or specify

2.4 Population of the species in the biogeographic region or marine region

- 2.4.1 Population size estimation:

Population size estimation (minimum)	Population size estimation (maximum)	Population units
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- 2.4.2 Date of population estimation:
- 2.4.3 Methods used for population estimation:
- 2.4.4 Quality of data on area:
- 2.4.5 Population trend: Unknown (X)
- 2.4.6 Population trend magnitude (km2):
- 2.4.7 Population trend period:
- 2.4.8 Reasons for reported trend:
and/or specify:
- 2.4.9 Justification of % thresholds for trends (optional):
- 2.4.10 Main pressures:
 - 151 - removal of hedges and copses
 - 190 Agriculture and forestry activities not referred to above
 - 243 - trapping, poisoning, poaching
 - 300 Sand and gravel extraction
 - 301 - quarries
 - 811 - management of aquatic and bank vegetation for drainage purposes
 - 830 Canalisation
 - 850 Modification of hydrographic functioning, general
 - 870 Dykes, embankments, artificial beaches, general
 - 890 Other human induced changes in hydraulic conditions
 - 961 - competition (example: gull/tern)
 - 963 - introduction of disease

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2.4.11 Threats

- 966 - antagonism arising from introduction of species
- 151 - removal of hedges and copses
- 190 Agriculture and forestry activities not referred to above
- 243 - trapping, poisoning, poaching
- 811 - management of aquatic and bank vegetation for drainage purposes
- 961 - competition (example: gull/tern)
- 963 - introduction of disease
- 966 - antagonism arising from introduction of species

2,5 Habitat for the species in the biogeographic region or marine region

2.5.1 Habitats for the species:

2.5.2 Area estimation (km2):

2.5.3 Date of estimation:

2.5.4 Quality of the data:

2.5.5 Trend of the habitat: Unknown (X)

2.5.6 Trend period:

2.5.7 Reasons for reported trend:

Other (specify):

2.6 Future prospects for the species: Unknown

2.7 Complementary information

2.7.1 Favourable reference range (km2):

2.7.2 Favourable reference population:

2.7.3 Suitable habitat for the species (km2):

2.7.4 Other relevant information (optional):

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Unknown (XX)	
Conclusions: (2.4) Population:	Unknown (XX)	
Conclusions: (2.5) Habitat for the species:	Unknown (XX)	
Conclusions: (2.6) Future prospects:	Unknown (XX)	
Conclusions: Overall assessment:	Unknown (XX)	

2.1 Biogeographical region or marine region: MEDITERRANEAN

2.2 Published sources and/or websites:

AGIRRE-MENDI, P.T., ZALDÍVAR, C., 1996. Presencia de tres nuevas especies de mamíferos silvestres (Clase Mammalia, subtipo Vertebrata) en la Comunidad Autónoma de La Rioja I. Revista Zubía nº 14: 9-21

ICARUS (1995) Catálogo Regional de Especies de Vertebrados amenazados de La Rioja. Gobierno de La Rioja (estudio inédito)

LOPO, L., CEÑA, J.C., 2004. Conservación del visón europeo (Mustela lutreola) en La Rioja (España). Proyecto LIFE de Conservación del visón europeo (LIFE 00NAT/E/7331). Informe final (Periodo abarcado 2001-2004). Gobierno de La Rioja y TRAGSA.

GOBIERNO DE LA RIOJA (Eds.), 2006. Libro de actas del Congreso Internacional sobre la conservación del visón europeo Mustela lutreola. (Logroño- La Rioja, del 5 al 8 de noviembre de 2003). Consejería de Turismo, Medio Ambiente y Política Territorial. Dirección General de Medio Natural. 384pp.

Palomo, L.J. y Gisbert, J. 2002. Atlas de los Mamíferos terrestres de España. Dirección General de Conservación de la Naturaleza- SECEM-SECEMU, Madrid, 564 pp.

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Temiño, C. y Gama, S.L. 2004. La conservación del visón europeo en Castilla y León. Junta de Castilla y León.

Velasco, J.C., Lizana, M., Román, J., Delibes, M. & Fernández, J. 2005. Guía de los peces, anfibios, reptiles y mamíferos de Castilla y León. Náyade Editorial. Medina del Campo (Valladolid).

ÁLVAREZ, J., BEA, A., FAUS, J.M., CASTIÉN, E. y MENDIOLA, I. 1985. Atlas de los Vertebrados Continentales de Araba, Vizcaya y Guipúzcoa (excepto Chiroptera). Servicio Central de Publicaciones del Gobierno Vasco.

ÁLVAREZ, J. et al. 1998. Vertebrados continentales: situación actual en la Comunidad Autónoma del País Vasco. Gobierno Vasco.

ILLANA, A. y PANIAGUA, D. 2002. Atlas de Distribución de Carnívoros en el Territorio Histórico de Álava. Departamento de Agricultura y Pesca, Gobierno Vasco. Informe inédito. (URL: http://www.ingurumena.ejgv.euskadi.net/r49-3613/eu/contenidos/informacion/investigacion_bio/eu_1096/adjuntos/atlas_carnivoros.pdf)

GONZÁLEZ-ESTEBAN, J. y VILLATE, I. 2005. Red de seguimiento de carnívoros en la Comunidad Autónoma del País Vasco. Dirección de Biodiversidad, Gobierno Vasco. Informe inédito. (URL: www.euskadi.net/r33-2732/es/contenidos/informe_estudio/seguimiento_carnivoros/es_est/adjuntos/documento.pdf)

PANIAGUA, D, ECHEGARAY, J. e ILLANA, A. 2004. Carnívoros terrestres en los bosques- isla de la Llanada Alavesa. Dirección de Biodiversidad, Gobierno Vasco. Informe inédito. (URL www.ingurumena.ejgv.euskadi.net/.../contenidos/informacion/investigacion_bio/es_1096/adjuntos/2002_gaden.pdf)

Blanco J.C. 1998. Mamíferos de España. Ed Planeta. Barcelona

2.3 Range of the species type in the biogeographic region or marine region

- 2.3.1 Surface area of species range in km2: 12691
- 2.3.2 Date of range determination:
- 2.3.3 Quality of data concerning range:
- 2.3.4 Range trend: Unknown (X)
- 2.3.5 Range trend magnitude in km2 (optional):
- 2.3.6 Range trend period:
- 2.3.7 Reasons for reported trend:
and/or specify

2.4 Population of the species in the biogeographic region or marine region

- 2.4.1 Population size estimation:

Population size estimation (minimum)	Population size estimation (maximum)	Population units
243		Number of individuals
- 2.4.2 Date of population estimation: 2004-2007
- 2.4.3 Methods used for population estimation:
- 2.4.4 Quality of data on area: Poor e.g. based on very incomplete data or on expert judgement
- 2.4.5 Population trend: Unknown (X)
- 2.4.6 Population trend magnitude (km2):
- 2.4.7 Population trend period:
- 2.4.8 Reasons for reported trend:
and/or specify:
- 2.4.9 Justification of % thresholds for trends (optional):
- 2.4.10 Main pressures:
 - 151 - removal of hedges and copses
 - 190 Agriculture and forestry activities not referred to above
 - 243 - trapping, poisoning, poaching
 - 300 Sand and gravel extraction
 - 301 - quarries

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	420 Discharges	
	701 - water pollution	
	830 Canalisation	
	850 Modification of hydrographic functioning, general	
	853 - management of water levels	
	870 Dykes, embankments, artificial beaches, general	
	890 Other human induced changes in hydraulic conditions	
	961 - competition (example: gull/tern)	
	963 - introduction of disease	
	966 - antagonism arising from introduction of species	
2.4.11 Threats	151 - removal of hedges and copses	
	190 Agriculture and forestry activities not referred to above	
	243 - trapping, poisoning, poaching	
	420 Discharges	
	701 - water pollution	
	850 Modification of hydrographic functioning, general	
	853 - management of water levels	
	961 - competition (example: gull/tern)	
	963 - introduction of disease	
	966 - antagonism arising from introduction of species	
2,5 Habitat for the species in the biogeographic region or marine region		
2.5.1 Habitats for the species:	Ecosistemas acuáticos y riparios	
2.5.2 Area estimation (km2):		
2.5.3 Date of estimation:		
2.5.4 Quality of the data:		
2.5.5 Trend of the habitat:	Unknown (X)	
2.5.6 Trend period:		
2.5.7 Reasons for reported trend:		
Other (specify):		
2.6 Future prospects for the species:	Unknown	
2.7 Complementary information		
2.7.1 Favourable reference range (km2):		
2.7.2 Favourable reference population:		
2.7.3 Suitable habitat for the species (km2):		
2.7.4 Other relevant information (optional):		
Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Unknown (XX)	
Conclusions: (2.4) Population:	Unknown (XX)	
Conclusions: (2.5) Habitat for the species:	Unknown (XX)	
Conclusions: (2.6) Future prospects:	Unknown (XX)	
Conclusions: Overall assessment:	Unknown (XX)	