

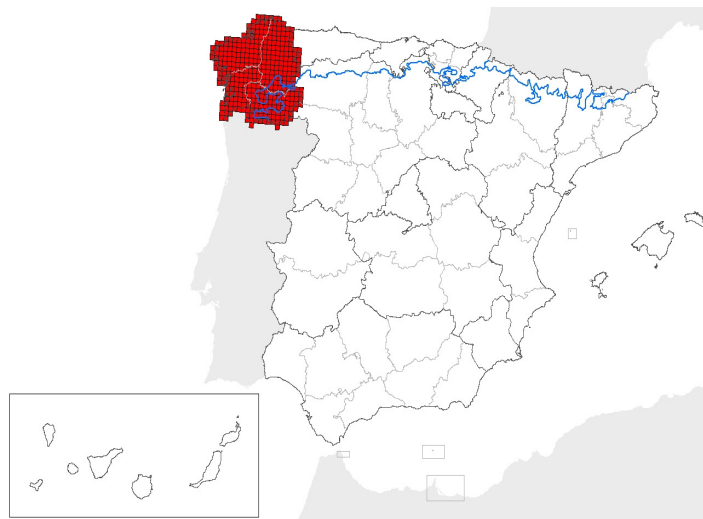
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Hirudo medicinalis

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:

www.mma.es/secciones/biodiversidad/especies_amenazadas/invertebrados/especies_convenios/pdf/cap04.pdf.

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

2.3.1 Surface area of species range in km2:

2.3.2 Date of range determination:

2.3.3 Quality of data concerning range:

2.3.4 Range trend:

2.3.5 Range trend magnitude in km2 (optional):

2.3.6 Range trend period:

2.3.7 Reasons for reported trend: Not applicable
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:

2.4.6 Population trend magnitude (km2):

2.4.7 Population trend period:

2.4.8 Reasons for reported trend: Not applicable
and/or specify:

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2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures:	250 Taking / Removal of flora, general 701 - water pollution 810 Drainage 952 - eutrophication
2.4.11 Threats	250 Taking / Removal of flora, general 701 - water pollution 810 Drainage 952 - eutrophication

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

2.5.1 Habitats for the species:	Dulceacuícola. Vive principalmente en lagunas, lagos, abrevaderos, etc, con agua
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:	
2.5.6 Trend period:	
2.5.7 Reasons for reported trend:	NotApplicable
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:

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:	25297
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:	

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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:

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):

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:

Moreno Sáiz, J.C. & Sáinz Ollero, H. (1992). Atlas corológico de las monocotiledoneas endémicas de la Península Ibérica e Islas

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Baleares. ICONA Ser. Técnica. Madrid, 354

Ramil, P. & Izco, J. (2002). Inventario de los Humedales de Galicia. Xunta de Galicia. Consellería de Medio Ambiente. Dirección Xeral de Conservación da Natureza. Santiago

Ramos, M., Bragado, D. y Fernández, J. 2001. Los invertebrados no insectos de la “Directiva Hábitat” en España. Ministerio de Medio Ambiente. Madrid.

García Más, I., Martínez, F. y Pujante, A. 1990. Sanguijuelas y moluscos de las aguas de “La Mancha (España)”. Cuadernos de Estudios Manchegos.

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

- 2.3.1 Surface area of species range in km2: 0
- 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
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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:
 - 101 - modification of cultivation practices
 - 162 - artificial planting
 - 250 Taking / Removal of flora, general
 - 701 - water pollution
 - 810 Drainage
 - 850 Modification of hydrographic functioning, general
 - 910 Silting up
 - 920 Drying out
 - 952 - eutrophication
- 2.4.11 Threats
 - 101 - modification of cultivation practices
 - 162 - artificial planting
 - 250 Taking / Removal of flora, general
 - 701 - water pollution
 - 810 Drainage
 - 850 Modification of hydrographic functioning, general

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910 Silting up
920 Drying out
952 - eutrophication

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

2.5.1 Habitats for the species: Dulceacuícola. Vice principalmente en lagunas, lagos, abrevaderos, etc, con agua

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)	