

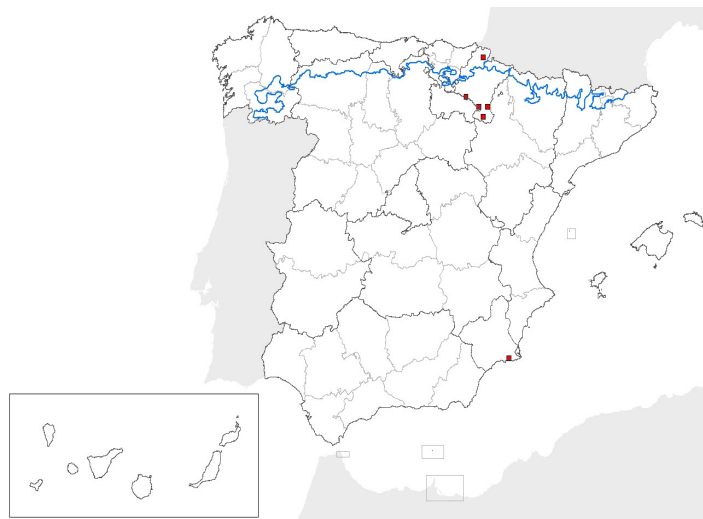
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Pipistrellus pygmaeus

1. National level

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

map-distribution



2. Biogeographical or marine level

2.1 Biogeographical region or marine region: **ATLANTIC**

2.2 Published sources and/or websites:

Alcalde, J. T. and M. C. Escala (1999). "Distribución de los quirópteros en Navarra, España." Bol. R. Soc. Esp. Host. Nat. (Sec. Biol.) 95 (1-2): 157-171.

Palomo, L. J. and J. Gisbert (2002). Atlas de los mamíferos terrestres de España. Madrid, DGCN-SECEM-SECEMU.

Davidson-Watts, I., S. Walls, et al. (2006). "Differential habitat selection by Pipistrellus pipistrellus and Pipistrellus pygmaeus identifies distinct conservation needs for cryptic species of echolocating bats." Biological Conservation 133: 118-127.

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

- 2.3.1 Surface area of species range in km2: 100
- 2.3.2 Date of range determination: 2006
- 2.3.3 Quality of data concerning range: Poor e.g. based on very incomplete data or on expert judgement
- 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: Unknown
- 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
100	100	Number of localities

- 2.4.2 Date of population estimation: 2006
- 2.4.3 Methods used for population estimation: Extrapolation from surveys of part of the population or from sampling
- 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)

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2.4.6 Population trend magnitude (km2):

2.4.7 Population trend period:

2.4.8 Reasons for reported trend: Unknown
and/or specify:

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures: 166 - removal of dead and dying trees

2.4.11 Threats 166 - removal of dead and dying trees

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: Unknown

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:

Alcalde, J. T. and M. C. Escala (1999). "Distribución de los quirópteros en Navarra, España." Bol. R. Soc. Esp. Host. Nat. (Sec. Biol.) 95 (1-2): 157-171.

Davidson-Watts, I., S. Walls, et al. (2006). "Differential habitat selection by Pipistrellus pipistrellus and Pipistrellus pygmaeus identifies distinct conservation needs for cryptic species of echolocating bats." Biological Conservation 133: 118-127.

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.

Libro Rojo de los Vertebrados de la Región de Murcia (2006). Dirección General del Medio Natural. Consejería de Industria y Medio Ambiente. Región de Murcia, 358 pp.

Quirópteros: primeros pasos hacia su conservación. Murcia Enclave Ambiental. Nº 15. 4º Trimestre 2007. Año 5.

Guardiola Gómez, A. y Fernández Martín, Mª P. 2003. Evaluación de colonias de quirópteros incluidos en el anexo II de la

Pipistrellus pygmaeus

Directiva Hábitat. Ambiental SL. para la Dirección General del Medio Natural, Consejería de Medio Ambiente, Agricultura y Agua de la Región de Murcia. Inédito.

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

2.3.1 Surface area of species range in km2:	1233,21
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:	
2.3.5 Range trend magnitude in km2 (optional):	
2.3.6 Range trend period:	
2.3.7 Reasons for reported trend:	Unknown
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
	10000		Number of individuals
2.4.2 Date of population estimation:	1990		
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:	Unknown		
and/or specify:			
2.4.9 Justification of % thresholds for trends (optional):			
2.4.10 Main pressures:	166 - removal of dead and dying trees		
	502 - roads, motorways		
2.4.11 Threats	166 - removal of dead and dying trees		
	502 - roads, motorways		

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

2.5.1 Habitats for the species:	Frecuentan todo tipo de hábitats, desde bosques maduros a zonas fuertemente ur
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):	

Pipistrellus pygmaeus

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)	