

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

Orcinus orca

1. National level

Biogeographical regions and/or marine regions concerned within the Member State: **MMAC MMED**

2. Biogeographical or marine level

2.1 Biogeographical region or marine region: **MACARONESIAN/ATLANTIC OCEAN**

2.2 Published sources and/or websites:

http://www.mma.es/portal/secciones/biodiversidad/biodiversidad_marina/inventarios_marina/inventario_nacional/canarios_4_resultados.htm

<http://www.canariasconservacion.org/FamZiphiidae.htm>

http://www.mma.es/secciones/biodiversidad/especies_amenazadas/catalogo_especies/vertebrados_mamiferos/pdf/ver412.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: 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: 1990-2003

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
0	0	

2.4.2 Date of population estimation: 2003

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)

2.4.6 Population trend magnitude (km²):

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2.4.7 Population trend period:	1980-2003
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:	200 Fish and Shellfish Aquaculture 690 Other leisure and tourism impacts not referred to above 701 - water pollution 730 Military manouvres
2.4.11 Threats	200 Fish and Shellfish Aquaculture 690 Other leisure and tourism impacts not referred to above 701 - water pollution 730 Military manouvres

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

2.5.1 Habitats for the species:	aguas abiertas alejadas de la costa, como zonas muy cercanas a esta, aunque su
2.5.2 Area estimation (km2):	
2.5.3 Date of estimation:	2003
2.5.4 Quality of the data:	Poor e.g. based on very incomplete data or on expert judgement
2.5.5 Trend of the habitat:	Decreasing (-)
2.5.6 Trend period:	1980-2003
2.5.7 Reasons for reported trend:	NotApplicable
Other (specify):	

2.6 Future prospects for the species:	Unknown
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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 SEA**

2.2 Published sources and/or websites:

AGUILAR, A & GRAU, E. 1987 Els cetacis . En: GOSABLEZ, J.(ed.) 1987 Història Natural dels Països Catalans: Amfibis, rèptils i mamífers. Ed. Enciclopedia Catalana. Barcelona.

CRAM 2003. Activitats d'atenció, recuperació, reintroducció i registre d'avaraments, de les diferents espècies de mamífers, rèptils marins, esquals i altres animals de la fauna marina protegida al litoral català.CRAM- Departament de Medi Ambient i Habitatge.

CRAM 2007 Serveis d'assistència veterinària i recollida d'animals marins embarrancats al litoral català.Memòria de justificació 2006. CRAM- Departament de Medi Ambient i Habitatge.

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RUIZ-OLMO,J. & AGUILAR, A. 1995 Els grans mamífers de Catalunya i Andorra. Lynx Eds. 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: 7913
- 2.3.2 Date of range determination: 2007
- 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: Stable (=)
- 2.3.5 Range trend magnitude in km2 (optional):
- 2.3.6 Range trend period: 1995-2007
- 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
79	0	Number of localities
- 2.4.2 Date of population estimation: 2007
- 2.4.3 Methods used for population estimation: From comprehensive inventory
- 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: Stable (=)
- 2.4.6 Population trend magnitude (km2):
- 2.4.7 Population trend period: 1995-2007
- 2.4.8 Reasons for reported trend:
and/or specify:
- 2.4.9 Justification of % thresholds for trends (optional):
- 2.4.10 Main pressures: 210 Professional fishing
520 Shipping
621 - nautical sports
701 - water pollution
- 2.4.11 Threats 210 Professional fishing
520 Shipping
621 - nautical sports
701 - water pollution

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): 17621
- 2.5.3 Date of estimation: 2007
- 2.5.4 Quality of the data: Poor e.g. based on very incomplete data or on expert judgement
- 2.5.5 Trend of the habitat: Stable (=)
- 2.5.6 Trend period:
- 2.5.7 Reasons for reported trend:
Other (specify):

2.6 Future prospects for the species:

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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)	