

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	2621
0.2.2 Species name	Balaenoptera physalus
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Balenottera comune

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	2010-2011
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

2.2 Published sources

Marine Mediterranean (MMED)

The present species assessment (fields 0.1-2.9) has been compiled by Anna Alonzi, Piero Genovesi, Francesca Ronchi (ISPRA). Information and data have been extracted from the MSFD Supporting documents on the Initial Assessment on Cetaceans, including methodology, data used and results (ISPRA,2013). Contributing authors: Caterina Fortuna, Mario Acquarone, Aldo Annunziatellis, Antonella Arcangeli, Arianna Azzellino, Nicola Baccetti, Michela Bellingeri, Silvia Bonizzoni, Junio Fabrizio Borsani, Ilaria Caliani, Simonepietro Canese, Roberta Canneri, Nadia Cerioli, Andrea De Lucia, Salvatore Dimatteo, Carmelo Fanizza, Elio Filidei jr., Maria Cristina Fossi, Fulvio Garibaldi, Stefania Gaspari, Otello Giovanardi, Michela Giusti, Guido Gnone, Paolo Guidetti, Drasko Holcer, Giancarlo Lauriano, Letizia Marsili, Antonio Mazzola, Giulia Mo, Aurelie Moulins, Barbara Mussi, Giuseppe Notarbartolo di Sciarra, Lidia Orsi Relini, Daniela Silvia Pace, Simone Panigada, Gianni Pavan, Michela Podestà, Marina Pulcini, Sasa Raicevich, Ettore Randi, Teresa Romeo, Massimiliano Rosso, Antonello Sala, Paola Tepsich, Walter Zimmer e Nicola Zizzo. Expert judgements have been provided by Caterina Fortuna (ISPRA).

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2.3 Range

2.3.1 Surface area - Range (km ²)	352500
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	2000-2011
2.3.4 Short-term trend direction	unknown (x)
2.3.5 Short-term trend magnitude	min max
2.3.6 Long-term trend period	
2.3.7 Long-term trend direction	N/A
2.3.8 Long-term trend magnitude	min max
2.3.9 Favourable reference range	area (km ²) operator N/A unkown Yes method
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 775 max 775
2.4.3 Additional information	Definition of locality Conversion method Problems It is not possible to convert grids into individuals
2.4.4 Year or period	2010-2011
2.4.5 Method – population size	Estimate based on partial data with some extrapolation and/or modelling (2)
2.4.6 Short-term trend period	2000-2011

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2.4.7 Short term trend direction	unknown (x)		
2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method	Absent data (0)		
2.4.10 Long-term trend period			
2.4.11 Long term trend direction	N/A		
2.4.12 Long-term trend magnitude	min	max	confidence interval
2.4.13 Long-term trend method	N/A		
2.4.14 Favourable reference population	number		
	operator	N/A	
	unknown	Yes	
	method		
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 (km ²)	
2.5.2 Year or period	
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Unknown
2.5.4 b) Quality of habitat - method	expert based
2.5.5 Short term trend period	2000-2011
2.5.6 Short term trend direction	unknown (x)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km ²)	
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
death or injury by collision (G05.11)	high importance (H)	N/A
Noise nuisance, noise pollution (H06.01)	medium importance (M)	N/A
marine macro-pollution (i.e. plastic bags, styrofoam) (H03.03)	low importance (L)	N/A

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

Threat	ranking	pollution qualifier(s)
death or injury by collision (G05.11)	high importance (H)	N/A
Noise nuisance, noise pollution (H06.01)	medium importance (M)	N/A
marine macro-pollution (i.e. plastic bags, styrofoam) (H03.03)	low importance (L)	N/A

2.7.1 Method used – threats	expert opinion (1)
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2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

The observed species distribution indicates that the species' range spans the entire region. The species distribution pattern is in line with its ecological traits, with the Ligurian Sea and Gulf of Lion as important summer feeding grounds, the Tyrrhenian Sea as potential corridor and Lampedusa Island as important winter feeding ground. There are no sufficient data to infer trends, although there is

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some evidence that the species relative abundance is decreasing in a portion of the the Ligurian sea.

2.8.3 Trans-boundary assessment

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range	assessment Unknown (XX) qualifiers N/A
2.9.2. Population	assessment Unknown (XX) qualifiers N/A
2.9.3. Habitat	assessment Unknown (XX) qualifiers N/A
2.9.4. Future prospects	assessment Unknown (XX) qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Unknown (XX)
2.9.5 Overall trend in Conservation Status	N/A

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	N/A
3.1.3 Trend of population size within	N/A

3.2 Conversation Measures

Notes

Species name: Balaenoptera physalus (2621) Region code: MMED

Field label	Note	User
2.4.7 Short term trend direction	There are not sufficient data to infer trends.	ISPRA_ AUNA
2.3.4 Range Trend	There are not sufficient data to infer trends.	ISPRA_ AUNA



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