0.1 Member State	Π
0.2.1 Species code	2035
0.2.2 Species name	Ziphius cavirostris
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Zifio

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 MSFD Supporting document 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 Sciara, 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 (km²)

2.3.2 Method - Range surface area

2.3.3 Short-term trend period

2.3.4 Short-term trend direction

2.3.5 Short-term trend magnitude

2.3.6 Long-term trend period

2.3.7 Long-term trend direction

2.3.8 Long-term trend magnitude

2.3.9 Favourable reference range

85000

Estimate based on partial data with some extrapolation and/or modelling (2)

2000-2011

unknown (x)

min max

N/A

min

max

area (km²)

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)

450 min max 450

2.4.3 Additional information

Definition of locality

Conversion method

Problems

it is impossible to convert grids into individuals

2.4.4 Year or period

2.4.5 Method - population size

2.4.6 Short-term trend period

2.4.7 Short term trend direction

2.4.8 Short-term trend magnitude

2.4.9 Short-term trend method

2.4.10 Long-term trend period

2.4.11 Long term trend direction

2010-2011

Estimate based on partial data with some extrapolation and/or modelling (2)

2000-2011

unknown (x)

min confidence interval max

Absent data (0)

N/A

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2.4.12 Long-term trend magnitude min max confidence interval 2.4.13 Long-term trend method N/A number 2.4.14 Favourable reference population operator N/A unknown Yes method 2.4.15 Reason for change Use of different method 2.5 Habitat for the Species 2.5.1 Surface area - Habitat (km²) 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 opinion 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 (km²) 2.5.10 Reason for change

2	.6	Mai	in F	ressu	ires

Pressure	ranking	pollution qualifier(s)
Noise nuisance, noise pollution (H06.01)	high importance (H)	N/A
marine macro-pollution (i.e. plastic bags, styrofoam) (H03.03)	medium importance (M)	N/A
Military manoeuvres (G04.01)	medium importance (M)	N/A

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

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Noise nuisance, noise pollution (H06.01)	high importance (H)	N/A
marine macro-pollution (i.e. plastic bags, styrofoam) (H03.03)	medium importance (M)	N/A
Marine water pollution (H03)	low importance (L)	Mixed pollutants (X)
Military manoeuvres (G04.01)	high importance (H)	N/A

2.7.1 Method used – threats expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

The observed distribution and bibliographic sources indicate that this species' range spans the entire region. The species distribution pattern seems in line with its ecological traits: mainly pelagic species (>600m), with a preference for areas with slope and submarine canyons. At least two areas have been identified as important for ziphius: the northern part of the Ligurian Sea and an area in the north-central Tyrrhenian Sea (between Tuscany, Lazio and Sardinia).

2.8.3 Trans-boundary assessment

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

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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 min	N/A	max	
3.1.2 Method used3.1.3 Trend of population size within	N/A N/A			
3.2 Conversation Measures				

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Notes

Species name: Ziphius cav	irostris (2035) 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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