

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

0.1 Member State	GR
0.2.1 Species code	1188
0.2.2 Species name	Bombina bombina
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Kokkinobombina

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 expert opinion with no or minimal sampling (1)
1.1.3 Year or period	2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Mediterranean (MED)

2.2 Published sources

Valakos, E., Pafilis, P., Sotiropoulos, K., Lymberakis, P., Maragou, P., Foufopoulos, J. (2008): The Amphibians and Reptiles of Greece. Editions Chimaira. [↗](#)
 Sotiropoulos, K. & Lymberakis, P. (in press): Declines and Conservation of Amphibians in Greece. In Heatwole H. & Wilkinson JW (eds.) Amphibian Biology, Volume 11 Part 3: Status of Conservation and Decline of Amphibians: Eastern Hemisphere: Eastern Europe.

2.3 Range

2.3.1 Surface area - Range (km ²)	253,97
2.3.2 Method - Range surface area	Estimate based on expert opinion with no or minimal sampling (1)
2.3.3 Short-term trend period	2001-2012
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 approximately equal to (≈) unkown No method A locally distributing species occurring on the north-eastern borderline. None of the known populations became extinct since 1994. FRV is the total of the range which excludes the unfavorable altitude areas.
2.3.10 Reason for change	Improved knowledge/more accurate dataUse 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 5x5 km grid cells (grids5x5) min 6 max 6

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2.4.3 Additional information	Definition of locality Conversion method Problems	There are no adequate references or measurements regarding the population size or population densities. Based on the available data an estimation of the population using as unit the number of individuals doesn't seem feasible at this stage.
2.4.4 Year or period	2012	
2.4.5 Method – population size	Estimate based on expert opinion with no or minimal sampling (1)	
2.4.6 Short-term trend period	2001-2012	
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	Estimate based on expert opinion with no or minimal sampling (1)	
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	Use of different method	

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	50
2.5.2 Year or period	2012
2.5.3 Method used - habitat	Estimate based on expert opinion with no or minimal sampling (1)
2.5.4 a) Quality of habitat	Good
2.5.4 b) Quality of habitat - method	Random surveys have been conducted in the distribution areas.
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	stable (0)
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)	50
2.5.10 Reason for change	Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Cultivation (A01)	low importance (L)	N/A
Fertilisation (A08)	low importance (L)	N/A
Military manoeuvres (G04.01)	low importance (L)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	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)
Cultivation (A01)	low importance (L)	N/A
Fertilisation (A08)	low importance (L)	N/A
Military manoeuvres (G04.01)	low importance (L)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
Changes in abiotic conditions (M01)	medium importance (M)	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 range estimations do not include unfavorable altitude areas.

The data used for the distribution and range of the species are based on extensive fieldwork and reliable published sources that does not confirm the presence of the species in GR1130006. Possible discrepancies with the SDF will be corrected in the next submission of revised SDF forms

2.8.3 Trans-boundary assessment

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

2.9.1 Range assessment Favourable (FV)
qualifiers N/A

2.9.2. Population assessment Unknown (XX)
qualifiers N/A

2.9.3. Habitat assessment Favourable (FV)
qualifiers N/A

2.9.4. Future prospects assessment Inadequate (U1)
qualifiers unknown (x)

2.9.5 Overall assessment of Conservation Status Inadequate (U1)

2.9.5 Overall trend in Conservation Status unknown (x)

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

3.1.1 Population Size Unit number of map 5x5 km grid cells (grids5x5)
min 5 max 5

3.1.2 Method used Estimate based on expert opinion with no or minimal sampling (1)

3.1.3 Trend of population size within N/A

3.2 Conversation Measures

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3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Measures needed, but not implemented (1.2)	Contractual Recurrent	medium importance (M)	Both	
Establish protected areas/sites (6.1)	Legal One-off	high importance (H)	Inside	Unknown