

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

NATIONAL LEVEL

1. General information

1.1 Member State	GR
1.2 Species code	5261
1.3 Species scientific name	Barbus balcanicus
1.4 Alternative species scientific name	
1.5 Common name (in national language)	Valkaniki Briana

2. Maps

2.1 Sensitive species	No
2.2 Year or period	2015
2.3 Distribution map	Yes
2.4 Distribution map Method used	Based mainly on extrapolation from a limited amount of data
2.5 Additional maps	Yes

3. Information related to Annex V Species (Art. 14)

3.1 Is the species taken in the wild/exploited?	No
3.2 Which of the measures in Art. 14 have been taken?	a) regulations regarding access to property No
	b) temporary or local prohibition of the taking of specimens in the wild and exploitation No
	c) regulation of the periods and/or methods of taking specimens No
	d) application of hunting and fishing rules which take account of the conservation of such populations No
	e) establishment of a system of licences for taking specimens or of quotas No
	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens No
	g) breeding in captivity of animal species as well as artificial propagation of plant species No
	h) other measures No

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3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

b) Statistics/ quantity taken	Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period					
	Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
Min. (raw, ie. not rounded)						
Max. (raw, ie. not rounded)						
Unknown	No	No	No	No	No	No

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

BIOGEOGRAPHICAL LEVEL

4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

Mediterranean (MED)

4.2 Sources of information

Οδηγία Πλαίσιο περί Υδάτων 2000/60/ΕΕ - Ανάπτυξη δικτύων και παρακολούθηση ποιότητας των επιφανειακών, εσωτερικών, μεταβατικών και των παράκτιων υδάτων της χώρας – Αξιολόγηση/Ταξινόμηση της οικολογικής τους κατάστασης. Πρόγραμμα της Κεντρικής Υπηρεσία Υδάτων του ΥΠ.Ε.ΧΩ.Δ.Ε.. Ανάδοχος Κοινοπραξία ΕΛΚΕΘΕ - ΕΚΒΥ.

ΥΠΕΧΩΔΕ 2008-2010, ΕΤΜΕ ΙΛΑΡΙΩΝΑ – Μελέτη της ιχθυοπανίδας και προτάσεις για τη διατήρησή της, στην περιοχή κατασκευής του υδροηλεκτρικού έργου Ιλαρίωνα (Φορέας χρηματοδότησης: Δ.Ε.Η. Α.Ε., Γενική Δ/νση Παραγωγής, Δ/νση Ανάπτυξης Υδροηλεκτρικών Έργων, Διάρκεια: 2006 –2009 (24 μήνες).

Kottelat, M. and J. Freyhof, 2007. Handbook of European freshwater fishes. Publications Kottelat, Cornol, Switzerland. 646 p.

Αργυρίου, Αυτζή & Πολυχρονιάδης. 2009. Οικολογική ποιότητα υδάτων σε επίπεδο λεκάνης απορροής Περίπτωση λεκάνης Μαυρονερίου Πιερίας.

Ηλιάδης, Ιωακειμίδου & Καλλικαζάρου, 2010. «Οικολογική Ποιότητα και Διαχείριση Υδάτων σε Επίπεδο Λεκάνης Απορροής: Ειδική Περίπτωση Μελέτης της Λεκάνης Απορροής του Ποταμού Αλμωπαίου».

Cheimonopoulou, M., D.C. Bobori, I. Theocharopoulos, M. Lazaridou. (2011). Assessing the ecological water quality with macroinvertebrates and fish: a case study from a small Mediterranean river. Environmental Management 47: 279-290.

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6.10 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data	
6.11 Long-term trend Period		
6.12 Long-term trend Direction		
6.13 Long-term trend Magnitude	a) Minimum b) Maximum c) Confidence interval	
6.14 Long-term trend Method used		
6.15 Favourable reference population (using the unit in 6.2 or 6.4)	a) Population size b) Operator c) Unknown d) Method	Approximately equal to (≈) Basic assumption: Favourable Reference Population = value extracted from Range Map
6.16 Change and reason for change in population size	No change The change is mainly due to:	
6.17 Additional information	Most data are described as semi-quantitative or qualitative. Few quantitative data. Too much variability between existing samples, especially between different river basins, making it difficult to extrapolate a number or a class for reporting population unit.	

7. Habitat for the species

7.1 Sufficiency of area and quality of occupied habitat	a) Are area and quality of occupied habitat sufficient (for long-term survival)? b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?	Yes
7.2 Sufficiency of area and quality of occupied habitat Method used	Based mainly on extrapolation from a limited amount of data	
7.3 Short-term trend Period	2007-2018	
7.4 Short-term trend Direction	Stable (0)	
7.5 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data	
7.6 Long-term trend Period		
7.7 Long-term trend Direction		
7.8 Long-term trend Method used		
7.9 Additional information	The surface area of the habitat is estimated at 14100 km ² and its quality is good.	

8. Main pressures and threats

8.1 Characterisation of pressures/threats

Pressure	Ranking
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	H

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Hydropower (dams, weirs, run-off-the-river), including infrastructure (D02)	H
Physical alteration of water bodies (K05)	M
Threat	Ranking
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	H
Hydropower (dams, weirs, run-off-the-river), including infrastructure (D02)	H
Physical alteration of water bodies (K05)	M
Other human intrusions and disturbance not mentioned above (H08)	M
Reduced fecundity / genetic depression (e.g. inbreeding or endogamy) (L05)	M

8.2 Sources of information PRESSURES: Mainly based on expert judgement and other data.
THREATS: Based on expert opinion.

8.3 Additional information

9. Conservation measures

9.1 Status of measures a) Are measures needed? No
b) Indicate the status of measures

9.2 Main purpose of the measures taken

9.3 Location of the measures taken

9.4 Response to the measures

9.5 List of main conservation measures

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9.6 Additional information

10. Future prospects

10.1 Future prospects of parameters a) Range Good
b) Population Unknown
c) Habitat of the species Unknown

10.2 Additional information

11. Conclusions

11.1. Range Favourable (FV)

11.2. Population Favourable (FV)

11.3. Habitat for the species Favourable (FV)

11.4. Future prospects Unknown (XX)

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11.5 Overall assessment of Conservation Status

Favourable (FV)

11.6 Overall trend in Conservation Status

Stable (=)

11.7 Change and reasons for change in conservation status and conservation status trend

a) Overall assessment of conservation status

No change

The change is mainly due to:

b) Overall trend in conservation status

No change

The change is mainly due to:

11.8 Additional information

12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)

a) Unit number of map 10x10 km grid cells (grids10x10)
b) Minimum
c) Maximum
d) Best single value 66

12.2 Type of estimate

Best estimate

12.3 Population size inside the network Method used

Based mainly on extrapolation from a limited amount of data

12.4 Short-term trend of population size within the network Direction

Unknown (x)

12.5 Short-term trend of population size within the network Method used

Insufficient or no data available

12.6 Additional information

The change in 12.1 (in comparison to the previous report) is mainly due to the recent update of the Greek Natura 2000 Database (extended areas of current Natura 2000 sites and newly proposed SCIs) and also (in cases of absent data or mandatory population unit 1x1 grid) to a different approach/method used for the calculation of the population size in GIS.

13. Complementary information

13.1 Justification of % thresholds for trends

The % threshold could not be used for the assessment since: a) a different method for assessing range was employed, compared to the 2nd Reporting Period or b) no data were reported in the 2nd Reporting Period.

13.2 Trans-boundary assessment

13.3 Other relevant Information

Basic Assumptions:

- i) "Surface Area Range" (field 5.1) = value extracted from "Range Map" (field 2.5).
- ii) "Favourable Reference Range" (field 5.10a) = a) "Surface Area Range" (field 5.1) OR b) value extracted from "Additional Reference Range Map" (provided).

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Depends on whether the Favourable range is equal or larger than actual species range.

iii) "Population Size" (field 6.2 or 6.4) = value extracted from "Distribution Map" (field 2.3) or "Additional Distribution Map" (field 2.5) (when provided).

iv) "Favourable Reference Population" (field 6.15a) = a) "Population Size" (field 6.2 or 6.4) OR b) value extracted from "Additional Reference Range Map" (provided). Depends on whether the Favourable population is equal or larger than actual species population.

v) Habitat "Area Estimation" (field 7.9) = "Distribution Map" (field 2.3) or "Additional Distribution Map" (field 2.5) (when provided).