

# 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	5197
1.3 Species scientific name	Sabanejewia balcanica
1.4 Alternative species scientific name	
1.5 Common name (in national language)	Chrysovelonitsa

### 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

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

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.

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

### 5. Range

5.1 Surface area

7200

5.2 Short-term trend Period

2007-2018

5.3 Short-term trend Direction

Decreasing (-)

5.4 Short-term trend Magnitude

a) Minimum b) Maximum

5.5 Short-term trend Method used

Based mainly on extrapolation from a limited amount of data

5.6 Long-term trend Period

5.7 Long-term trend Direction

5.8 Long-term trend Magnitude

a) Minimum b) Maximum

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## 5.9 Long-term trend Method used

### 5.10 Favourable reference range

a) Area (km<sup>2</sup>) 7350  
b) Operator  
c) Unknown  
d) Method Basic assumption: Favourable Reference Range = Historic Range = value extracted from Additional Reference Range Map

### 5.11 Change and reason for change in surface area of range

No change  
The change is mainly due to:

## 5.12 Additional information

## 6. Population

### 6.1 Year or period

2015

### 6.2 Population size (in reporting unit)

a) Unit number of map 1x1 km grid cells (grids1x1)  
b) Minimum  
c) Maximum  
d) Best single value 7200

### 6.3 Type of estimate

Best estimate

### 6.4 Additional population size (using population unit other than reporting unit)

a) Unit number of map 5x5 km grid cells (grids5x5)  
b) Minimum  
c) Maximum  
d) Best single value 288

### 6.5 Type of estimate

Best estimate

### 6.6 Population size Method used

Based mainly on extrapolation from a limited amount of data

### 6.7 Short-term trend Period

2007-2018

### 6.8 Short-term trend Direction

Decreasing (-)

### 6.9 Short-term trend Magnitude

a) Minimum  
b) Maximum  
c) Confidence interval

### 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

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6.15 Favourable reference population (using the unit in 6.2 or 6.4)	a) Population size	294 with unit number of map 5x5 km grid cells (grids5x5)
	b) Operator	
	c) Unknown	
	d) Method	Basic assumption: Favourable Reference Population = value extracted from Additional Reference 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.	
	The population size in 6.2.d has been calculated in GIS using spatial information from the distribution data (10x10 km or smaller grids if additional data were available). Following the conversion of the available data in 1x1 km grid unit, marine or terrestrial grid cells have been deleted and thus excluded from the calculation, depending on the biogeographical region where the species occurs (MED or MMED, respectively).	

## 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)?	No
	b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?	Unknown
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	Decreasing (-)	
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 7200 km <sup>2</sup> and its quality is moderate. Habitat specialist species. Pressures and threats on its habitat are present.	

## 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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Active abstractions from groundwater, surface water or mixed H water for agriculture (A30)

Physical alteration of water bodies (K05) H

Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01) 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

Active abstractions from groundwater, surface water or mixed H water for agriculture (A30)

Physical alteration of water bodies (K05) H

Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01) 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? Yes
- b) Indicate the status of measures Measures identified, but none yet taken

## 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

Habitat restoration of areas impacted by transport (CE06)

Manage drainage and irrigation operations and infrastructures in agriculture (CA15)

Restore habitats impacted by multi-purpose hydrological changes (CJ03)

Reduce impact of multi-purpose hydrological changes (CJ02)

Reduce impact of mixed source pollution (CJ01)

## 9.6 Additional information

# 10. Future prospects

## 10.1 Future prospects of parameters

- a) Range Poor
- b) Population Poor
- c) Habitat of the species Poor

## 10.2 Additional information

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## 11. Conclusions

11.1. Range	Unfavourable - Inadequate (U1)
11.2. Population	Unfavourable - Inadequate (U1)
11.3. Habitat for the species	Unfavourable - Inadequate (U1)
11.4. Future prospects	Unfavourable - Inadequate (U1)
11.5 Overall assessment of Conservation Status	Unfavourable - Inadequate (U1)
11.6 Overall trend in Conservation Status	Deteriorating (-)
11.7 Change and reasons for change in conservation status and conservation status trend	<p>a) Overall assessment of conservation status</p> <p>No change</p> <p>The change is mainly due to:</p> <p>b) Overall trend in conservation status</p> <p>No change</p> <p>The change is mainly due to:</p>
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)	<p>a) Unit                      number of map 1x1 km grid cells (grids1x1)</p> <p>b) Minimum</p> <p>c) Maximum</p> <p>d) Best single value    872</p>
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.
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## 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). 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).