

Report on the main results of the surveillance under Article 17 for Annex I habitat types (Annex D)

NATIONAL LEVEL

1. General information

1.1 Member State	GR
1.2 Habitat code	8220 - Siliceous rocky slopes with chasmophytic vegetation

2. Maps

2.1 Year or period	2015
2.3 Distribution map	Yes
2.3 Distribution map Method used	Based mainly on extrapolation from a limited amount of data
2.4 Additional maps	Yes

BIOGEOGRAPHICAL LEVEL

3. Biogeographical and marine regions

3.1 Biogeographical or marine region where the habitat occurs	Mediterranean (MED)
3.2 Sources of information	<p>Dimopoulos P., Xystrakis F. and Tsiropidis I. 2014. Deliverable A1. Final Catalogue of Habitat Types – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, pages 54.</p> <p>Dimopoulos P., Fotiadis G., Tsiropidis I., Panitsa M. and Karadimou E. 2014. Deliverable A2. Report and Literature Database on Habitat Types of Greece – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, pages 210.</p> <p>Tsiropidis I., Xystrakis F., Kasampalis D., Mastrogianni A., Strid A. and Dimopoulos P., 2014. Deliverable A4. Potential Distribution Maps of Habitat Types – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, Athens, pages 176.</p> <p>Dimopoulos P., Tsiropidis I., Xystrakis F., Panitsa M., Fotiadis G., Kallimanis A.S. and Kazoglou I. 2014. Deliverable A6. Explanatory Implementation Manual for the Conservation Degree Assessment of Habitat Types – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, pages 35. (with Annexes: I. Habitat types protocols, pages 600; II. Explanatory notes on the habitat types protocols selection, pages 4; III. Correspondence of Habitat types protocols with the clusters of vegetation relevés (excel file).</p> <p>Dimopoulos P., Tsiropidis I., Xystrakis F., Kallimanis A.S and Panitsa M. 2014. Deliverable A7. Preliminary Analysis of the Field Data for the Habitat Types – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, pages 16.</p> <p>Βραχνάκης Μ., Φωτιάδης Γ. & Καζόγλου Ι. 2011. Τύποι Οικοτόπων Εθνικού Πάρκου Πρεσπών – Αναγνώριση-Καταγραφή 2011. Εταιρία Προστασίας Πρεσπών, σελ. 101.</p> <p>Dimopoulos P., Sýkora K.V., Mucina L. & Georgiadis T. 1997. The high-rank syntaxa of the rock-cliff and scree vegetation of the mainland Greece and Crete. <i>Folia Geobotanica</i> 32 (3): 313-334.</p> <p>Ελευθεριάδου Ε., Τσιριπίδης Ι., Θεοδωρόπουλος Κ. & Ξυστράκης Φ. 2007. Τύποι οικοτόπων της περιοχής "Ροδόπη (Σημόδα)" του Δικτύου "Φύση 2000". Πρακτικά 13ου Πανελληνίου Δασολογικού Συνεδρίου της Ελληνικής Δασολογικής Εταιρείας, Χλόη Καστοριάς, 7-10 Οκτωβρίου 2007 (τόμος Ι): 91-99.</p> <p>Θεοδωρόπουλος Κ., Ελευθεριάδου Ε., Τσιριπίδης Ι. & Αθανασιάδης Ν. 2001.</p>

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Βραχύφιλες και Λιβαδικές Φυτοκοινωνίες του Παρθένου Δάσους Φρακτού του Νομού Δράμας (Α. Μακεδονία, Ελλάδα). Πρακτικά 9ου Πανελληνίου Δασολογικού Συνεδρίου, Κοζάνη, 17-20 Οκτωβρίου 2000: 661-674.
Θεοχαρόπουλος Μ., Δημητρέλλος Γ., Χοχλιούρος Σ., Μαρούλης Γ. & Γεωργιάδης Θ. 2002. Συμβολή στην μελέτη των ασβεστολιθικών χασμοφυτικών φυτοκοινοτήτων των τάξεων *Onosmetalia frutescentis* Quezel 1964 και *Potentilletalia speciosae* Quezel 1964 στην ηπειρωτική Ελλάδα. Πρακτικά 9ου Πανελληνίου Επιστημονικού Συνεδρίου της Ελληνικής Βοτανικής Εταιρείας, Αργοστόλι Κεφαλονιάς, 9-12 Μαΐου 2002: 129-135.
Quézel P. 1969. La végétation du massif du Bela-Voda (Macédoine nord-occidentale). Biol. Gallo-Hellen. 2(2): 93-112.

4. Range

4.1 Surface area	43,43
4.2 Short-term trend Period	2007-2018
4.3 Short-term trend Direction	Stable (0)
4.4 Short-term trend Magnitude	a) Minimum b) Maximum
4.5 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data
4.6 Long-term trend Period	
4.7 Long-term trend Direction	
4.8 Long-term trend Magnitude	a) Minimum b) Maximum
4.9 Long-term trend Method used	Based mainly on extrapolation from a limited amount of data
4.10 Favourable reference range	a) Area (km ²) b) Operator Approximately equal to (≈) c) Unknown Yes d) Method
4.11 Change and reason for change in surface area of range	No change The change is mainly due to:
4.12 Additional information	

5. Area covered by habitat

5.1 Year or period	2015-015-
5.2 Surface area (in km ²)	a) Minimum b) Maximum c) Best single value 43,43
5.3 Type of estimate	Best estimate
5.4 Surface area Method used	Based mainly on extrapolation from a limited amount of data
5.5 Short-term trend Period	2007-2018
5.6 Short-term trend Direction	Stable (0)
5.7 Short-term trend Magnitude	a) Minimum b) Maximum c) Confidence interval
5.8 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data
5.9 Long-term trend Period	
5.10 Long-term trend Direction	
5.11 Long-term trend Magnitude	a) Minimum b) Maximum c) Confidence interval
5.12 Long-term trend Method used	
5.13 Favourable reference area	a) Area (km ²)

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b) Operator Approximately equal to (\approx)
 c) Unknown Yes
 d) Method

5.14 Change and reason for change in surface area of range

No change
 The change is mainly due to:

5.15 Additional information

6. Structure and functions

6.1 Condition of habitat

a) Area in good condition (km ²)	Minimum 39,09	Maximum 39,09
b) Area in not-good condition (km ²)	Minimum 0	Maximum 0
c) Area where condition is not known (km ²)	Minimum 4,34	Maximum 4,34

6.2 Condition of habitat Method used

Complete survey or a statistically robust estimate

6.3 Short-term trend of habitat area in good condition Period

20072018

6.4 Short-term trend of habitat area in good condition Direction

Stable (0)

6.5 Short-term trend of habitat area in good condition Method used

Complete survey or a statistically robust estimate

6.6 Typical species

Has the list of typical species changed in comparison to the previous reporting period? No

6.7 Typical species Method used

Typical species were determined on the basis of a vegetation database, comprised of about 22000 sampling plots. First, a list of possible typical species was determined per habitat type, selecting the ones presenting a high fidelity value to the habitat types according the algorithm of Tsiripidis et al. (2009) and the phi coefficient value (Chytrý et al. 2002). Then typical species per habitat type were selected from the above-mentioned lists by expert judgment and using as criteria species niche breadth, their ability to comprise indicators of habitat types' conservation status and their function as keystone species. The nomenclature of the typical species follows Dimopoulos et al. (2013).ReferencesChytrý, M., Tichý, L., Holt, J. & Botta-Duká t, J. 2002. Determination of diagnostic species with statistical fidelity measures. Journal of Vegetation Science 13: 79–90.Dimopoulos, P., Raus, Th., Bergmeier, E., Constantinidis, Th., Iatrou, G., Kokkini, S., Strid, A. & Tzanoudakis, D. 2013: Vascular plants of Greece: an annotated checklist. – Berlin: Botanischer Garten und Botanisches Museum Berlin-Dahlem, Freie Universität Berlin; Athens: Hellenic Botanical Society. Englera 31: 1-367.Tsiripidis, I., Bergmeier, E., Fotiadis, G. & Dimopoulos, P. 2009. A new algorithm for the determination of differential taxa. Journal of Vegetation Science 20: 233-240.

6.8 Additional information

Assumption: 90% of habitat area is estimated to be in good condition.

7. Main pressures and threats

7.1 Characterisation of pressures/threats

Pressure	Ranking
No pressures (Xxp)	
Threat	Ranking

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Construction or modification of commercial / industrial infrastructure in existing commercial / industrial areas (F04) M

7.2 Sources of information

THREATS: Based on expert opinion.

7.3 Additional information

In fact, only LOW ranking pressures act on the specific habitat and this is the reason why they are not included in 7.1, above.

8. Conservation measures

8.1 Status of measures

a) Are measures needed? No

b) Indicate the status of measures

8.2 Main purpose of the measures taken

8.3 Location of the measures taken

8.4 Response to the measures

8.5 List of main conservation measures

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8.6 Additional information

9. Future prospects

9.1 Future prospects of parameters

a) Range Good

b) Area Good

c) Structure and functions Good

9.2 Additional information

10. Conclusions

10.1. Range

Favourable (FV)

10.2. Area

Favourable (FV)

10.3. Specific structure and functions (incl. typical species)

Favourable (FV)

10.4. Future prospects

Favourable (FV)

10.5 Overall assessment of Conservation Status

Favourable (FV)

10.6 Overall trend in Conservation Status

Stable (=)

10.7 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:

10.8 Additional information

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11. Natura 2000 (pSCIs, SCIs, SACs) coverage for Annex I habitat types

11.1 Surface area of the habitat type inside the pSCIs, SCIs and SACs network (in km² in biogeographical/marine region)

- a) Minimum
- b) Maximum
- c) Best single value 23,18

11.2 Type of estimate

Minimum

11.3 Surface area of the habitat type inside the network Method used

Complete survey or a statistically robust estimate

11.4 Short-term trend of habitat area in good condition within the network Direction

Stable (0)

11.5 Short-term trend of habitat area in good condition within network Method used

Complete survey or a statistically robust estimate

11.6 Additional information

The change in 11.1 (in comparison to the previous report) is due to the updated mapping datasets on terrestrial habitat types within the Natura 2000 network (pSCIs, SCIs and SACs), based on the most recent national project (results became available in 2018). As this project did not include the extended areas of the Natura 2000 sites, nor the newly proposed SCIs, the surface area reported is the minimum.

12. Complementary information

12.1 Justification of % thresholds for trends

12.2 Other relevant information