

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

SPECIES NAME: **Sphagnum spp.**

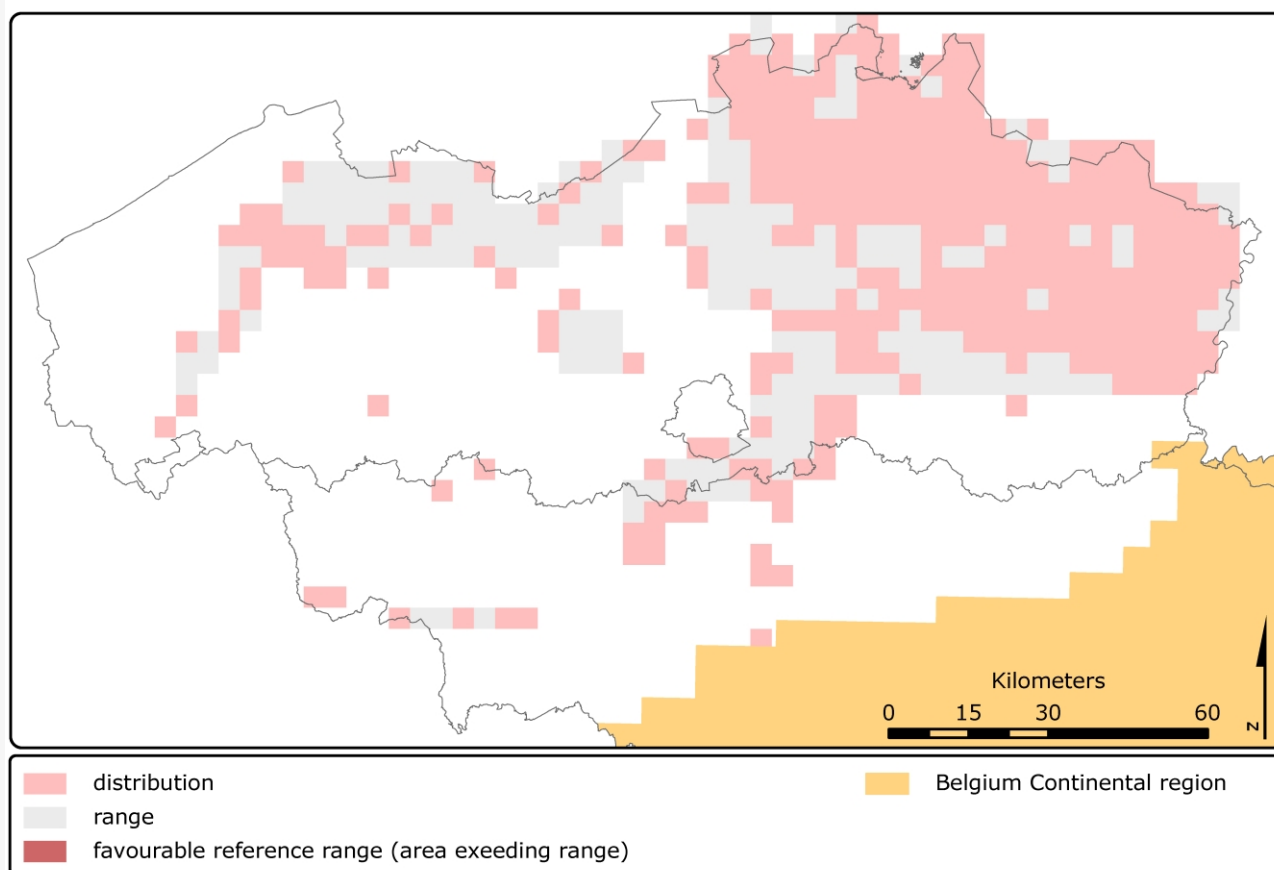
1. National level

Biogeographic regions and/or marine regions concerned in the MS: **ATL CON**

2. Biogeographical or marine level

2.1 Biogeographical region or marine region: Atlantic

Van Landuyt W. (2008) Conservation status of the Natura 2000 species Peat Mosses (*Sphagnum* spp.) for the Belgian Atlantic region, In: Paelinckx D., Van Landuyt W. & De Bruyn L. (ed.). Conservation status of the Natura 2000 habitats and species. Report of the Research Institute for Nature and Forest, INBO.R.2008.15. Brussels. In prep



2.2 Published sources and/or websites <http://www.inbo.be/natura2000be>

2.3 Range of species in the biogeographic region or marine region

2.3.1 Surface range of the species in km ²	8624
2.3.2 Date of range determination	1972-2006
2.3.3 Quality of data concerning range	Moderate e.g. based on partial data with some extrapolation
2.3.4 Range trend	Unknown (X)

2.3.5 Range trend magnitude (km2) - optional	N/A
2.3.6 Range trend period	1994-2006
2.3.7 Reasons for reported trend	Unknown
Other (specify)	N/A

2.4 Population of the species in the biogeographic region or marine region

2.4.1 Population size estimation		
Minimum population	Maximum population	Population units
328	328	Grids
2.4.2 Date of population estimation	1972-2006	
2.4.3 Method used for population estimation	Based on expert opinion	
2.4.4 Quality of population data	Poor e.g. based on very incomplete data or on expert judgement	
2.4.5 Population trend	Unknown (X)	
2.4.6 Population trend magnitude	N/A	
2.4.7 Population trend period	1994-2006	
2.4.8 Reasons for reported trend	Unknown	
Other (specify)	N/A	
2.4.9 Justification of % thresholds for trends (optional)	N/A	
2.4.10 Main pressures	120 Fertilisation 161 - forest planting 162 - artificial planting 403 - dispersed habitation 701 - water pollution 702 - air pollution 703 - soil pollution 720 Trampling, overuse 730 Military manouvres 810 Drainage 920 Drying out 930 Submersion 952 - eutrophication 953 - acidification	
2.4.11 Threats	120 Fertilisation 161 - forest planting 162 - artificial planting 403 - dispersed habitation 701 - water pollution 702 - air pollution 703 - soil pollution 720 Trampling, overuse 730 Military manouvres 810 Drainage 920 Drying out 930 Submersion 952 - eutrophication 953 - acidification	

2.5 Habitat for the species in the biogeographic region or marine region

2.5.1 Habitats for the species	4010 Northern Atlantic wet heaths with Erica tetralix, ,6410 Molinia meadows on calcareous, peaty or clayey-siltladen soils (Molinion caeruleae), 7110 Active raised bogs, 7120 Degraded raised bogs still capable of natural regeneration, 7140 Transition mires and quaking bogs, 7150 Depressions on peat substrates of
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	the Rhynchosporion, 7230 Alkaline fens, 91D0 Bog woodland, 91E0 (partial) Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Pandion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>)	
2.5.2 Area estimation (km ²)	25	
2.5.3 Date of estimation	1997-2006	
2.5.4 Quality of the data	Good e.g based on extensive surveys	
2.5.5 Trend of the habitat	Decreasing (-)	
2.5.6 Trend period	1994-2006	
2.5.7 Reasons for reported trend	Direct human influence (restoration, deterioration, destruction) Indirect anthropo(zoo)genic influence	
Other (specify)	N/A	
2.6 Future prospects for the species	Bad prospects - species likely to be become extinct in the biogeographical region	
2.7 Complementary information		
2.7.1 Favourable reference range (km ²)	4960	
2.7.2 Favourable reference population	312	
2.7.3 Suitable habitat for the species	25	
2.7.4 Other relevant information	N/A	
Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
(2.3) Range	Favourable (FV)	N/A
(2.4) Population	Favourable (FV)	N/A
(2.5) Habitat for the species	Bad and deteriorating (U2-)	N/A
(2.6) Future prospects	Bad (U2)	N/A
Overall assessment	Bad and deteriorating (U2-)	N/A