

Report on the main results of the surveillance under article 11 for annex I habitat types (Annex D)

CODE: **7140**

NAME: **7140 Transition mires and quaking bogs**

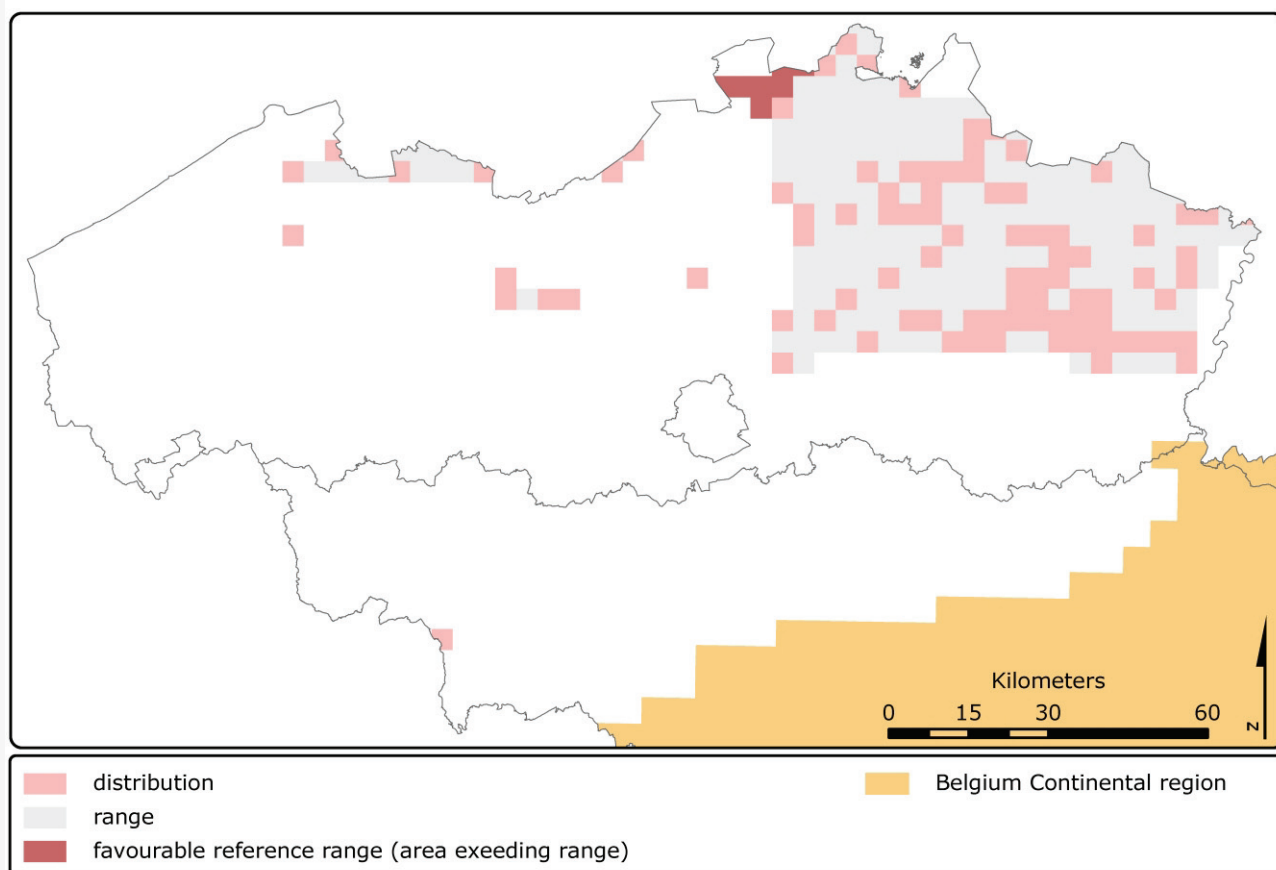
1. National level

Biogeographic regions and/or marine regions concerned within the member state: **ATL CON**

2. Biogeographical or marine level

2.1 Biogeographic region or marine region: Atlantic

De Saeger S., Paelinckx D., Sterckx G. & Van Landuyt W. (2008) Conservation status of the Natura 2000 habitat 7140 (Transition mires and quaking bogs) 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 www.inbo.be/natura2000be

2.3 Range of the habitat type in the biogeographic region or marine region

2.3.1 Surface area of range in km ²	3985
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	Stable (=)

2.3.5 Range trend magnitude in km ² (optional)	N/A
2.3.6 Range trend period	1994-2006
2.3.7 Reasons for reported trend	Direct human influence (restoration, deterioration, destruction)
Other (specify)	N/A
2.4 Area covered by habitat type in the biogeographic region or marine region	
2.4.1 Surface area of the habitat type (km ²)	1
2.4.2 Date of area estimation	1997-2006
2.4.3 Method used for area estimation	Ground based survey (based on field mapping, possibly using stratified random sampling)
2.4.4 Quality of data on area	Poor e.g. based on very incomplete data or on expert judgement
2.4.5 Area trend	Stable (=)
2.4.6 Area trend magnitude (km ²)	0
2.4.7 Area trend period	1994-2006
2.4.8 Reasons for reported trend	Direct human influence (restoration, deterioration, destruction)
Other (specify)	N/A
2.4.9 Justification of % thresholds for trends (optional)	N/A
2.4.10 Main pressures	162 - artificial planting 701 - water pollution 702 - air pollution 709 - other forms or mixed forms of pollution 720 Trampling, overuse 730 Military manouvres 810 Drainage 979 - other forms or mixed forms of interspecific floral competition
2.4.11 Threats	162 - artificial planting 701 - water pollution 702 - air pollution 709 - other forms or mixed forms of pollution 730 Military manouvres 810 Drainage 979 - other forms or mixed forms of interspecific floral competition
2.5 Complementary information	
2.5.1 Favourable reference range (km ²)	4065
2.5.2 Favourable reference area (km ²)	More than field 2.4.1 1
2.5.3 Typical species	Lysimachia thyrsoflora / L.
2.5.3 Typical species	Carex lasiocarpa / Ehrh.
2.5.3 Typical species	Thelypteris palustris / Schott
2.5.3 Typical species	Calla palustris / L.
2.5.3 Typical species	Carex rostrata / Stokes
2.5.3 Typical species	Ranunculus lingua / L.
2.5.3 Typical species	Menyanthes trifoliata / L.
2.5.3 Typical species	Cicuta virosa / L.
2.5.3 Typical species	Pedicularis palustris / L.
2.5.3 Typical species	Eriophorum angustifolium / Honck
2.5.3 Typical species	Eriophorum gracile / Koch ex Roth

2.5.3 Typical species	Carex diandra / Schrank	
2.5.3 Typical species	Carex limosa / L.	
2.5.3 Typical species	Hammarbya paludosa / (L.) O. Kuntze	
2.5.3 Typical species	Dryopteris cristata / (L.) A. Gray	
2.5.3 Typical species	Potentilla palustris / (L.) Scop.	
2.5.4 Typical species assessment	Red list distribution and Integrated flora distribution maps (a grid cell with more than 2 typical species is considered as well developed)	
2.5.5 Other relevant information (optional)	Trends are approached by expert judgement.	
Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
(2.3) Range	Inadequate (U1)	Inadequate (U1)
(2.4) Area	Inadequate (U1)	Inadequate (U1)
(2.5) Structure and function, including typical species	Bad (U2)	Bad (U2)
Future prospects	Bad (U2)	Bad (U2)
Overall assessment	Bad (U2)	Bad (U2)