

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

CODE: **1330**

NAME: **1330 Atlantic salt meadows (*Glauco-Puccinellietalia maritimae*)**

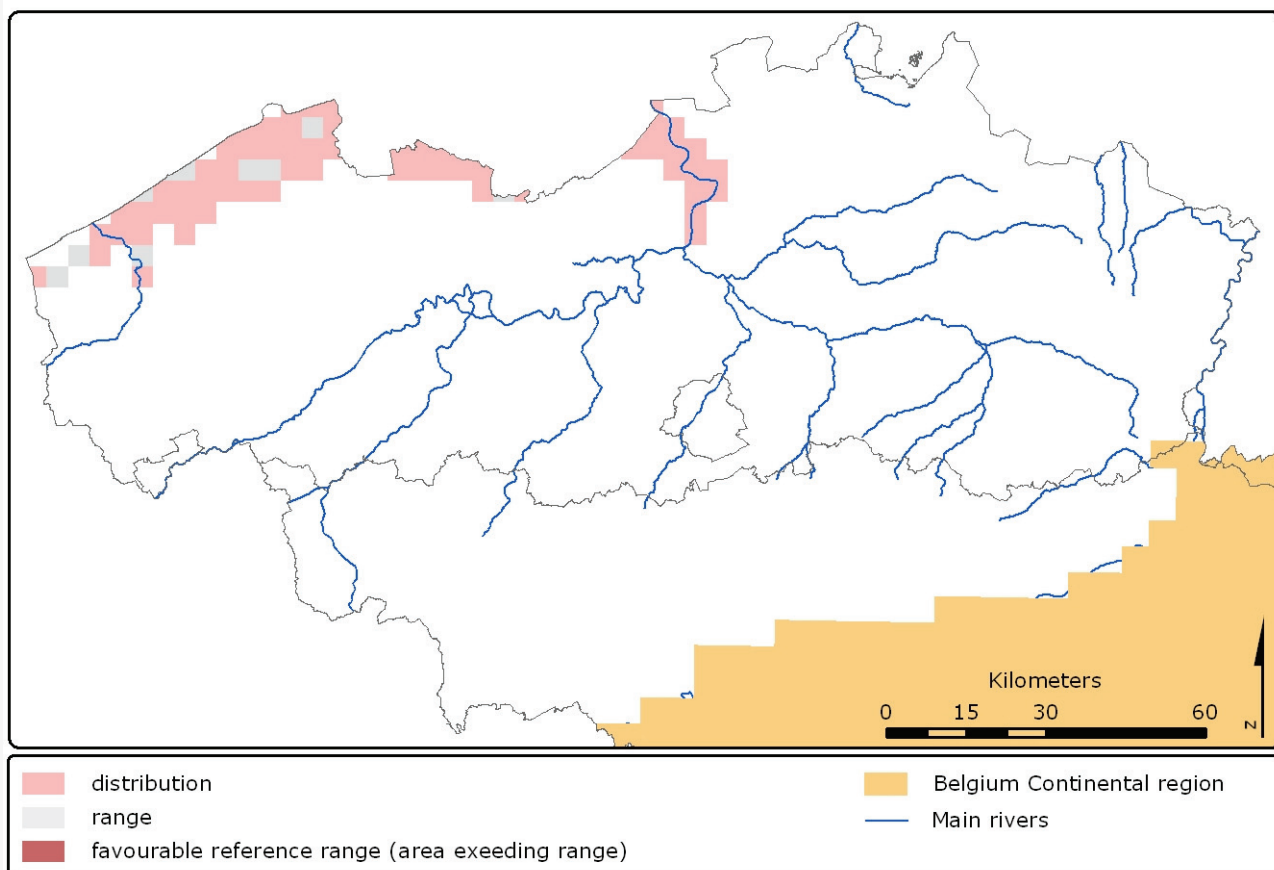
1. National level

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

2. Biogeographical or marine level

2.1 Biogeographic region or marine region: Atlantic

Vriens L., Vandevoorde B., Van den Bergh E., Hoffmann M. & Paelinckx D. (2008) Conservation status of the Natura 2000 habitat 1330 (Atlantic salt meadows (*Glauco-Puccinellietalia maritimae*)) 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/natura2000

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

2.3.1 Surface area of range in km² | 953

2.3.2 Date of range determination | 1994-2006

2.3.3 Quality of data concerning range | Good e.g based on extensive surveys

2.3.4 Range trend	Decreasing (-)
2.3.5 Range trend magnitude in km2 (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 (km2)	3.54
2.4.2 Date of area estimation	1994-2006
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	Good e.g based on extensive surveys
2.4.5 Area trend	Increasing (+)
2.4.6 Area trend magnitude (km2)	N/A
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	101 - modification of cultivation practices 120 Fertilisation 150 Restructuring agricultural land holding 250 Taking / Removal of flora, general 504 - port areas 701 - water pollution 709 - other forms or mixed forms of pollution 803 - infilling of ditches, dykes, ponds, pools, marshes or pits 810 Drainage 820 Removal of sediments (mud...) 851 - modification of marine currents 853 - management of water levels 860 Dumping, depositing of dredged deposits 870 Dykes, embankments, artificial beaches, general 920 Drying out 979 - other forms or mixed forms of interspecific floral competition
2.4.11 Threats	120 Fertilisation 504 - port areas 701 - water pollution 709 - other forms or mixed forms of pollution 803 - infilling of ditches, dykes, ponds, pools, marshes or pits 810 Drainage 820 Removal of sediments (mud...) 851 - modification of marine currents 853 - management of water levels 870 Dykes, embankments, artificial beaches, general 920 Drying out 979 - other forms or mixed forms of interspecific floral competition

2.5 Complementary information

2.5.1 Favourable reference range (km2)	953
2.5.2 Favourable reference area (km2)	More than field 2.4.1 3.54
2.5.3 Typical species	Artemisia maritima / L.
2.5.3 Typical species	Aster tripolium / L.

2.5.3 Typical species	Carex extensa / Good.	
2.5.3 Typical species	Festuca rubra subsp. litoralis / (G.F.W. Mey.) Auquier	
2.5.3 Typical species	Glaux maritima / L.	
2.5.3 Typical species	Halimione portulacoides / (L.) Aell.	
2.5.3 Typical species	Juncus gerardi / Loisel.	
2.5.3 Typical species	Limonium vulgare / Mill.	
2.5.3 Typical species	Parapholis strigosa / (Dum.) C.E. Hubbard	
2.5.3 Typical species	Plantago maritima / L.	
2.5.3 Typical species	Puccinellia capillaris / (Liljeb.) Jansen	
2.5.3 Typical species	Puccinellia distans / (L.) Parl.	
2.5.3 Typical species	Puccinellia maritima / (Huds.) Parl.	
2.5.3 Typical species	Spergularia marina / (L.) Besser	
2.5.3 Typical species	Spergularia media / (L.) C. Presl	
2.5.3 Typical species	Suaeda maritima / (L.) Dum.	
2.5.3 Typical species	Triglochin maritima / L.	
2.5.3 Typical species	Elymus pycnanthus / (Godr.) Melderis	
2.5.4 Typical species assessment	Flora distribution squares are favourable when more than 5 typical species occur. Also the development degree of the Belgian Biological Valuation Map is used to approach this assessment	
2.5.5 Other relevant information (optional)	Although the area estimation has a good quality, 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 but improving (U1+)	Inadequate but improving (U1+)
(2.5) Structure and function, including typical species	Bad (U2)	Bad (U2)
Future prospects	Inadequate (U1)	Favourable (FV)
Overall assessment	Bad (U2)	Bad (U2)