

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

CODE: **7230**

NAME: **7230 Alkaline fens**

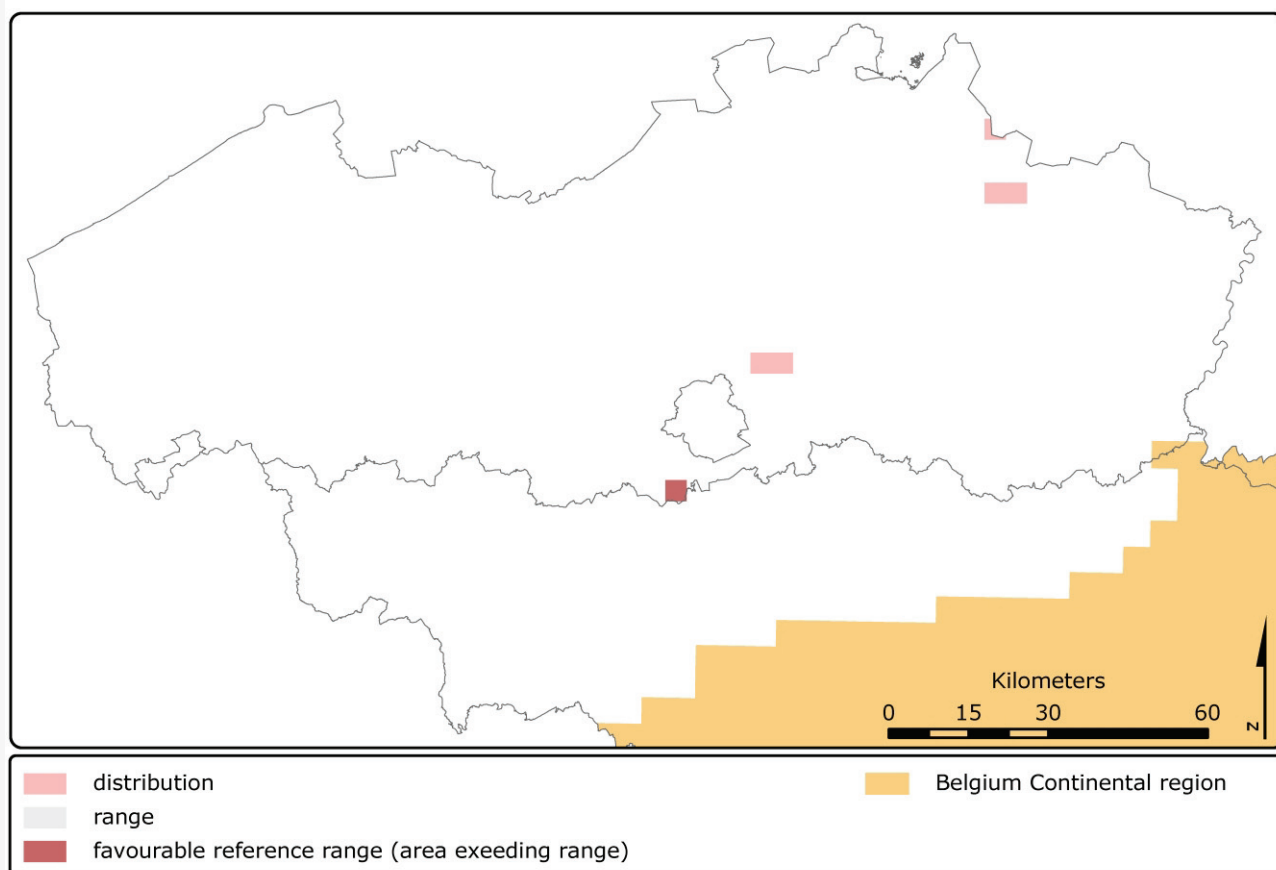
1. National level

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 7230 (Alkaline fens) 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 km ²	71
2.3.2 Date of range determination	1997-2006
2.3.3 Quality of data concerning range	Good e.g based on extensive surveys
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)	0.1
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	300 Sand and gravel extraction 702 - air pollution 709 - other forms or mixed forms of pollution 810 Drainage 890 Other human induced changes in hydraulic conditions 910 Silting up 951 - drying out / accumulation of organic material 952 - eutrophication 953 - acidification
2.4.11 Threats	890 Other human induced changes in hydraulic conditions 951 - drying out / accumulation of organic material 952 - eutrophication 953 - acidification

2.5 Complementary information

2.5.1 Favourable reference range (km ²)	87
2.5.2 Favourable reference area (km ²)	More than field 2.4.1 0.1
2.5.3 Typical species	<i>Liparis loeselii</i> / (L.) L.C.M. Rich.
2.5.3 Typical species	<i>Carex flava</i> / L.
2.5.3 Typical species	<i>Carex lepidocarpa</i> / Tausch
2.5.3 Typical species	<i>Blysmus compressus</i> / (L.) Panzer ex Link
2.5.3 Typical species	<i>Schoenus nigricans</i> / L.
2.5.3 Typical species	<i>Eriophorum latifolium</i> / Hoppe
2.5.3 Typical species	<i>Parnassia palustris</i> / L.
2.5.3 Typical species	<i>Equisetum variegatum</i> / Schleich.
2.5.3 Typical species	<i>Epipactis palustris</i> / (L.) Crantz
2.5.3 Typical species	<i>Anagallis tenella</i> / L.
2.5.3 Typical species	<i>Eleocharis quinqueflora</i> / (F.X. Hartm.) O. Schwartz
2.5.3 Typical species	<i>Carex dioica</i> / L.
2.5.3 Typical species	<i>Juncus subnodulosus</i> / Schrank

2.5.3 Typical species	Dactylorhiza incarnata / (L.) Soó	
2.5.3 Typical species	Juncus alpinus / Vill.	
2.5.4 Typical species assessment	Habitat sites are considered as well developed when more than 2 typical species are abundant.	
2.5.5 Other relevant information (optional)	Alkaline fens are partly artificial, because they are depending on the influence of calcareous seepage water, which comes by canals from elsewhere. Trends are approached by expert judgement.	
Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
(2.3) Range	Bad (U2)	N/A
(2.4) Area	Inadequate (U1)	N/A
(2.5) Structure and function, including typical species	Inadequate (U1)	N/A
Future prospects	Inadequate (U1)	N/A
Overall assessment	Bad (U2)	N/A