

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

CODE: **3110**

NAME: **3110 Oligotrophic waters containing very few minerals of sandy plains (*Littorelletalia uniflorae*)**

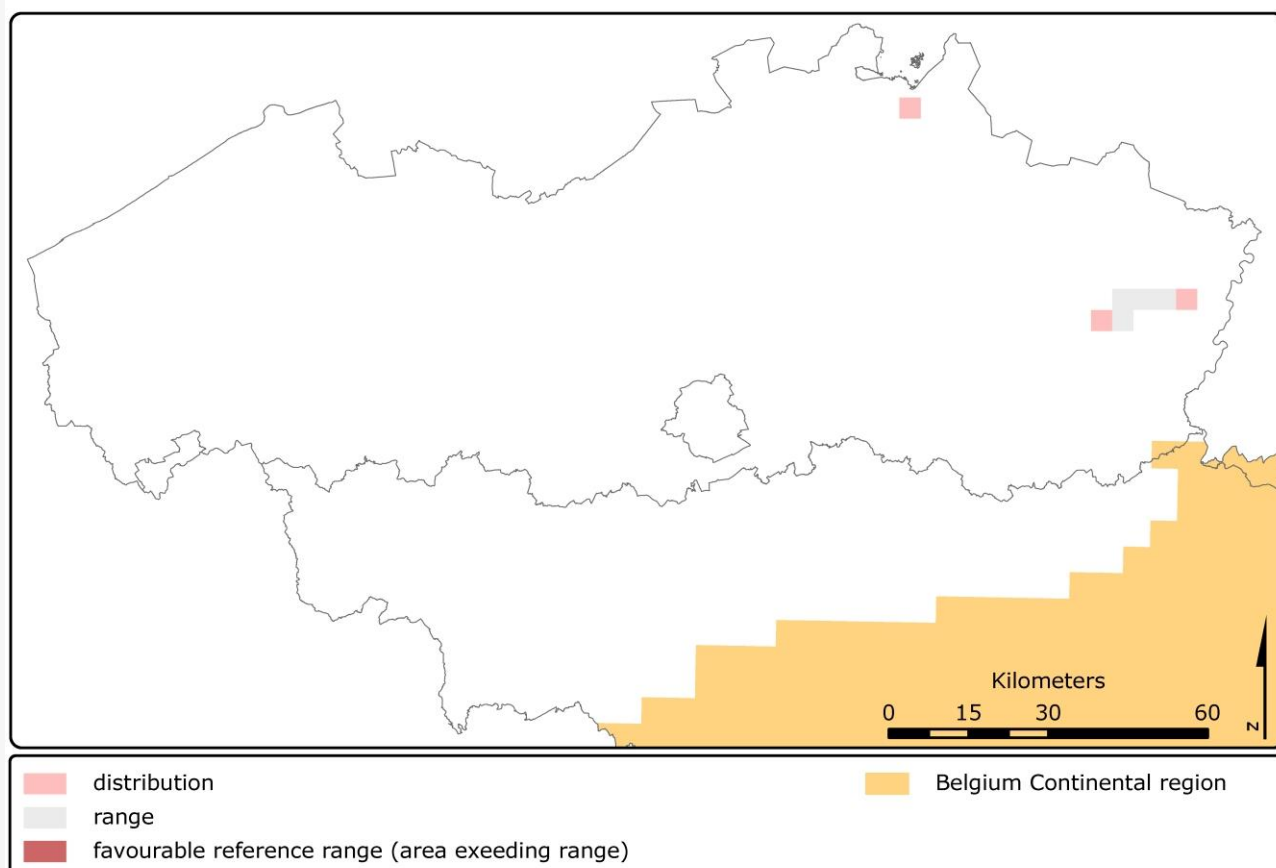
1. National level

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

Leyssen A., Denys L., Packet J., Van Landuyt W. & Paelinckx D. (2008) Conservation status of the Natura 2000 habitat 3110 (Oligotrophic waters containing very few minerals of sandy plains (*Littorelletalia uniflorae*)) 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 | 112

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 | Stable (=) | |
| 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 | Unknown | |
| 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) | 0.03 | |
| 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 | Moderate e.g. based on partial data with some extrapolation | |
| 2.4.5 Area trend | Stable (=) | |
| 2.4.6 Area trend magnitude (km2) | N/A | |
| 2.4.7 Area 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 | 100 Cultivation 101 - modification of cultivation practices 141 - abandonment of pastoral systems 190 Agriculture and forestry activities not referred to above 400 Urbanised areas, human habitation 701 - water pollution 920 Drying out 951 - drying out / accumulation of organic material 952 - eutrophication 953 - acidification | |
| 2.4.11 Threats | 701 - water pollution 952 - eutrophication 953 - acidification | |
| 2.5 Complementary information | | |
| 2.5.1 Favourable reference range (km2) | Much more than field 2.3.1 112 | |
| 2.5.2 Favourable reference area (km2) | Much more than field 2.4.1 0.03 | |
| 2.5.3 Typical species | Isoetes setacea / auct. non Lam. | |
| 2.5.3 Typical species | Littorella uniflora / (L.) Aschers. | |
| 2.5.3 Typical species | Lobelia dortmanna / L. | |
| 2.5.4 Typical species assessment | Standing freshwaters are considered to be well developed when at least 2 typical species occur, from which one typical species occurs frequently | |
| 2.5.5 Other relevant information (optional) | Although the area and range estimation have a moderate to good quality, trends are estimated by expert judgement. | |
| Conclusion | Biogeographical or marine level | Conclusions within Natura 2000 sites (optional) |
| (2.3) Range | Bad (U2) | Bad (U2) |

| | | |
|---|-----------------|-----------------|
| (2.4) Area | Bad (U2) | Bad (U2) |
| (2.5) Structure and function, including typical species | Inadequate (U1) | Inadequate (U1) |
| Future prospects | Bad (U2) | Bad (U2) |
| Overall assessment | Bad (U2) | Bad (U2) |