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

CODE: **6210**
NAME: **6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)**

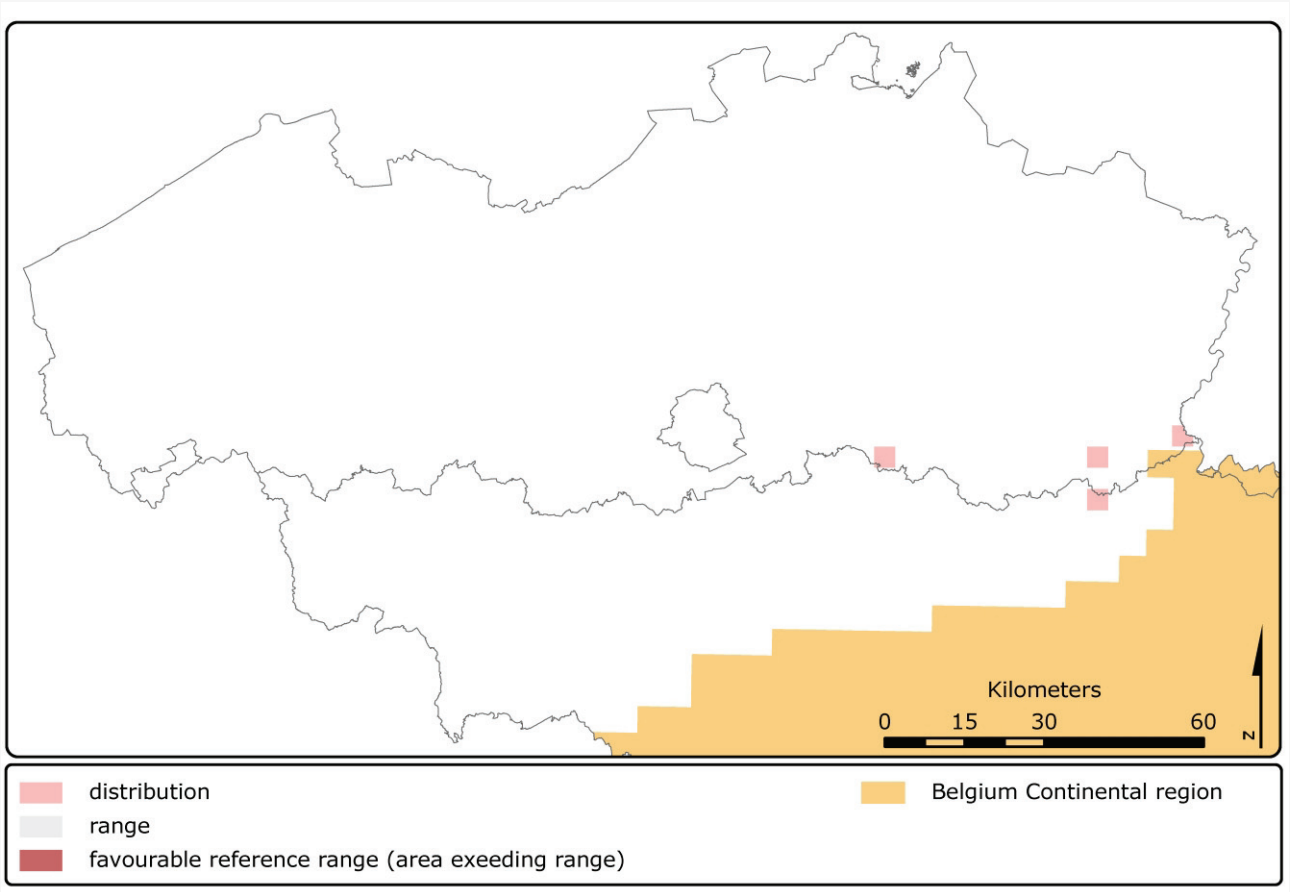
# 1. National level

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

Demolder H., Delescaille, L.M., Van Landuyt W., Wouters J., Van Looy K., & Paelinckx D. (2008) Conservation status of the Natura 2000 habitat 6210 (Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia) (*important orchid sites)) 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

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| 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

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|---|---|
| 2.3.1 Surface area of range in km2 | 60 |
| 2.3.2 Date of range determination | 1997-2006 |

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|---|---|
| 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 | Direct human influence (restoration, deterioration, destruction) |
| Other (specify) | N/A |

## 2.4 Area covered by habitat type in the biogeographic region or marine region

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|---|---|
| 2.4.1 Surface area of the habitat type (km2) | 0.01 |
| 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 | Good e.g based on extensive surveys |
| 2.4.5 Area trend | Stable (=) |
| 2.4.6 Area trend magnitude (km2) | N/A |
| 2.4.7 Area trend period | 1997-2006 |
| 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 | 120 Fertilisation<br>141 - abandonment of pastoral systems<br>702 - air pollution<br>979 - other forms or mixed forms of interspecific floral competition |
| 2.4.11 Threats | 120 Fertilisation<br>141 - abandonment of pastoral systems<br>702 - air pollution<br>979 - other forms or mixed forms of interspecific floral competition |

## 2.5 Complementary information

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| 2.5.1 Favourable reference range (km2) | 60 |
| 2.5.2 Favourable reference area (km2) | 0.01 |
| 2.5.3 Typical species | Aceras anthropophorum / (L.) Ait. f. |
| 2.5.3 Typical species | Ajuga genevensis / L. |
| 2.5.3 Typical species | Allium oleraceum / L. |
| 2.5.3 Typical species | Allium sphaerocephalon / L. |
| 2.5.3 Typical species | Anacamptis pyramidalis / (L.) L.C.M. Rich. |
| 2.5.3 Typical species | Anthyllis vulneraria / L. |
| 2.5.3 Typical species | Artemisia alba / Turra |
| 2.5.3 Typical species | Artemisia campestris / L. |
| 2.5.3 Typical species | Asperula cynanchica / L. |
| 2.5.3 Typical species | Avenula pratensis / (L.) Dum. |
| 2.5.3 Typical species | Bromus erectus / Huds. |
| 2.5.3 Typical species | Campanula glomerata / L. |
| 2.5.3 Typical species | Carex caryophyllea / Latourr. |
| 2.5.3 Typical species | Carex humilis / Leyss. |

| | |
|---|---|
| 2.5.3 Typical species | Carex ornithopoda / Willd. |
| 2.5.3 Typical species | Carex tomentosa / L. |
| 2.5.3 Typical species | Carlina vulgaris / L. |
| 2.5.3 Typical species | Centaurea scabiosa / L. |
| 2.5.3 Typical species | Cirsium acaule / Scop. |
| 2.5.3 Typical species | Cuscuta epithymum / (L.) L. |
| 2.5.3 Typical species | Dianthus carthusianorum / L. |
| 2.5.3 Typical species | Dianthus gratianopolitanus / Vill. |
| 2.5.3 Typical species | Eryngium campestre / L. |
| 2.5.3 Typical species | Euphorbia brittingeri / Opiz ex Samp. |
| 2.5.3 Typical species | Festuca heteropachys / (St-Yves) Patzke ex Auquier |
| 2.5.3 Typical species | Festuca lemanii / Bast. |
| 2.5.3 Typical species | Festuca pallens / Host |
| 2.5.3 Typical species | Fumana procumbens / (Dun.) Gren. et Godr. |
| 2.5.3 Typical species | Genista tinctoria / L. |
| 2.5.3 Typical species | Gentiana cruciata / L. |
| 2.5.3 Typical species | Gentianella ciliata / (L.) Borkh. |
| 2.5.3 Typical species | Gentianella germanica / (Willd.) Börner |
| 2.5.3 Typical species | Globularia punctata / Lapeyr. |
| 2.5.3 Typical species | Gymnadenia conopsea / (L.) R. Brown |
| 2.5.3 Typical species | Gymnadenia odoratissima / (L.) L.C.M. Rich. |
| 2.5.3 Typical species | Helianthemum apenninum / (L.) Mill. |
| 2.5.3 Typical species | Helianthemum nummularium / (L.) Mill. |
| 2.5.3 Typical species | Himantoglossum hircinum / (L.) Spreng. |
| 2.5.3 Typical species | Hippocrepis comosa / L. |
| 2.5.3 Typical species | Koeleria macrantha / (Ledeb.) Schult. |
| 2.5.3 Typical species | Koeleria pyramidata / (Lam.) Beauv. |
| 2.5.3 Typical species | Linum leonii / F.W. Schultz |
| 2.5.3 Typical species | Linum tenuifolium / L. |
| 2.5.3 Typical species | Onobrychis viciifolia / Scop. |
| 2.5.3 Typical species | Ononis repens / L. |
| 2.5.3 Typical species | Ophrys apifera / Huds. |
| 2.5.3 Typical species | Ophrys fuciflora / (F.W. Schmidt) Moench |
| 2.5.3 Typical species | Ophrys insectifera / L. |
| 2.5.3 Typical species | Ophrys sphegodes / Mill. |
| 2.5.3 Typical species | Orchis militaris / L. |
| 2.5.3 Typical species | Orchis simia / Lam. |
| 2.5.3 Typical species | Orchis ustulata / L. |
| 2.5.3 Typical species | Orobanche alba / Steph. ex Willd. |
| 2.5.3 Typical species | Orobanche caryophyllacea / Smith |
| 2.5.3 Typical species | Orobanche teucrii / Holandre |
| 2.5.3 Typical species | Phleum phleoides / (L.) Karst. |
| 2.5.3 Typical species | Plantago media / L. |
| 2.5.3 Typical species | Polygala comosa / Schkuhr |
| 2.5.3 Typical species | Potentilla neumanniana / Reichenb. |

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| 2.5.3 Typical species | Prunella laciniata / (L.) L. |
| 2.5.3 Typical species | Pulsatilla vulgaris / Mill. |
| 2.5.3 Typical species | Salvia pratensis / L. |
| 2.5.3 Typical species | Sanguisorba minor / Scop. |
| 2.5.3 Typical species | Scabiosa columbaria / L. |
| 2.5.3 Typical species | Sesleria caerulea / (L.) Ard. |
| 2.5.3 Typical species | Spiranthes spiralis / (L.) Chevall. |
| 2.5.3 Typical species | Stachys recta / L. |
| 2.5.3 Typical species | Teucrium chamaedrys / L. |
| 2.5.3 Typical species | Teucrium montanum / L. |
| 2.5.3 Typical species | Thymus praecox subsp. praecox / Opiz |
| 2.5.3 Typical species | Trifolium montanum / L. |
| 2.5.3 Typical species | Veronica prostrata subsp. scheereri / L. J.P. Brandt |
| 2.5.3 Typical species | Vincetoxicum hirundinaria / Med. |
| 2.5.4 Typical species assessment | The specific structures and functions are assessed in the field (based on typical species and habitat structure). |
| 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 | Favourable (FV) | Favourable (FV) |
| (2.4) Area | Favourable (FV) | Favourable (FV) |
| (2.5) Structure and function, including typical species | Inadequate (U1) | Bad (U2) |
| Future prospects | Inadequate (U1) | Inadequate (U1) |
| Overall assessment | Inadequate (U1) | Bad (U2) |