

## „Natura 2000 as a practicable tool for the protection of semi natural grassland in styria“

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### *Nature conservation - human resources:*

- Land using and land administrating people (matter of cross section)
- Regional capital Graz/regional authority: 30 officials (lawyers, experts of authority, administrators, secretaries...)
- District authorities: 8 experts of authority
- 10 Natura 2000-regional managers (some part-time)
- NGO's, freelance-experts

### *41 styrian Natura 2000-sites:*

617.763 acres (ca. 15% of total styrian area)

(Natura 2000 sites ca 252.000 ha; total area of Styria ca. 1,46 Mio ha)

- Bird Directive (SPA): 5 sites
- FFH Directive (SAC): 23 sites
- FFH/Bird Directive: 13 sites

Habitat Directive Annex 1 (habitats): 53

Habitat Directive Annex 2 (animal and plant species): 65

Bird Directive Annex 1 (bird species): 35

### *Habitat Directive Annex 1:*

*Styria: 10 Natural and semi-natural grassland formations (Austria: 15 formations)*

#### *61. Natural grasslands*

\*6110 Rupicolous calcareous or basophilic grasslands of the *Alyso-Sedion albi* / Lückige basophile oder Kalk-Pionierrasen (*Alyso-Sedion albi*)

6130 Calaminarian grasslands of the *Violetalia calaminariae* / Schwermetallrasen (*Violion calaminariae*)

6150 Siliceous alpine and boreal grassland / Boreo-alpines Grassland auf Silikatsubstraten

6170 Alpine and subalpine calcareous grasslands / Alpine und subalpine Kalkrasen

#### *62. Semi-natural dry grasslands and scrubland facies*

\*6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (\*important orchid sites) / Naturnahe Kalk-Trockenrasen und deren Verbuschungsstadien (Festuco-Brometalia) (\*besondere Bestände mit bemerkenswerten Orchideen)

\*6230 Species-rich Nardus grassland on siliceous substrates in mountain areas and submountain areas in continental Europe / Artenreiche montane Borstgrasrasen (und submontan auf dem europäischen Festland) auf Silikatböden

#### *64. Semi-natural tall-herb humid meadows*

6410 Molinia meadows on calcareous, peaty or clayey-silt-laden soils (*Molinion caeruleae*) / Pfeifengraswiesen auf kalkreichem Boden, torfigen und tonig-schluffigen Böden (*Molinion caeruleae*)

6430 Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels / Feuchte Hochstaudenfluren der planaren und montanen bis alpinen Stufe

#### *65. Mesophile grasslands*

6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*) / Magere Flachland-Mähwiesen (*Alopecurus pratensis*, *Sanguisorba officinalis*)

6520 Mountain hay meadows / Berg-Mähwiesen

xxx...no or small importance in connection with grassland mowing/pasturing

xxx...increased importance in connection with grassland mowing/pasturing

xxx...high importance in connection with grassland mowing/pasturing

### *Natura 2000-goals:*

- Conservation and development of habitat types, plant and animal-species (directives)
- Drafting of management plans for Natura 2000 sites
- Realisation of planned targets
- Cooperation with land users / Information
- Funding nature conservation measures:
  - EAFRD European Agricultural Fund for Rural Development - EU-cofinanced
  - National financing

### *Nature conservation grassland-funds in styria:*

#### *Areas funded by contracting programs:*

- EAFRD: M 214 - ÖPUL 2008: 3.044 contract-partner, 8.734 ha, Mio €4,58

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- BEP 2008 - national financed: 740 contract-partner, 1.000 ha, €328.456,-
- 5 other national financed site-specific programs 2008: €277.003,-

*Projects funded:*

- EAFRD (cofinanced EU/national) 2007-2013:
  - M 213 Payments Natura 2000 and agriculture
  - M 323a Rural development - Nature Conservation projects: ca. €2 Mio p.a. (6% Leader)

***Semi-natural grasslands seed production within Natura 2000 sites***

*Following aspects have to be considered:*

- Cooperation with regional managers of the respective natura 2000 site / FA13C
- Consideration of site-targets and parcel-targets
- Implementation of a GIS-based register
- Documentation of seed-harvesting (when, where, who, ...GIS)
- Optionally adjustment to altered specifications (related to species/habitats)
- Monitoring of the cropped parcels
- Possibly adjustments of existing contracts.