

UMR Nancy-Université - INRA
INRA Agronomie et Environnement Nancy-Colmar
2 avenue de la forêt de Haye
54500 VANDOEUVRE LES NANCY (FRANCE)

RELEVE

Field name : Natural reserve Filsenberg
Station : Oschingen
Commune : Mössingen, Stadt
Subarea : Baden-Württemberg
Farmer :

Code of relevé : DEMO_GERMANY_1
Method of relevé : R%
Date of relevé : 22 June 2010
Relevé area :

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Author 2 : /
Author 3 : /
Author 4 : /

Botanical composition

| Species | R% |
|---|----|
| Sol nu | 0 |
| Thymus pulegioides L., 1753 | 20 |
| Rumex acetosa L., 1753 | 20 |
| Rhinanthus alectorolophus (Scop.) Pollich, 1777 | 20 |
| Prunella vulgaris L., 1753 | 20 |
| Primula veris L., 1753 | 20 |
| Plantago media L., 1753 | 20 |
| Medicago sativa L., 1753 | 20 |
| Medicago lupulina L., 1753 | 20 |
| Hippocrepis comosa L., 1753 | 20 |
| Galium verum L., 1753 | 20 |
| Festuca rubra L., 1753 | 20 |
| Euphorbia flavicoma DC., 1813 | 20 |
| Cerastium fontanum Baumg., 1816 | 20 |
| Carex montana L., 1753 | 20 |
| Carex flacca Schreb., 1771 | 20 |
| Campanula rotundifolia L., 1753 | 20 |
| Bromus erectus Huds., 1762 | 20 |
| Briza media L., 1753 | 20 |

| | |
|---|------|
| <i>Avenula pubescens</i> (Huds.) Dumort., 1868 | 20 |
| <i>Alchemilla vulgaris</i> L., 1753 | 20 |
| <i>Achillea millefolium</i> L., 1753 | 20 |
| <i>Holcus lanatus</i> L., 1753 | 11 |
| <i>Trifolium pratense</i> L., 1753 | 8 |
| <i>Lotus corniculatus</i> L., 1753 | 8 |
| <i>Arrhenatherum elatius</i> (L.) P.Beauv. ex J.Presl & C.Presl, 1819 | 7 |
| <i>Trifolium spadiceum</i> L., 1755 | 6 |
| <i>Leontodon hispidus</i> L., 1753 | 4 |
| <i>Helianthemum nummularium</i> (L.) Mill., 1768 | 4 |
| <i>Anthoxanthum odoratum</i> L., 1753 | 4 |
| <i>Trifolium campestre</i> Schreb., 1804 | 3 |
| <i>Onobrychis viciifolia</i> Scop., 1772 | 3 |
| <i>Knautia arvensis</i> (L.) Coult., 1828 | 3 |
| <i>Plantago lanceolata</i> L., 1753 | 2 |
| <i>Centaurea scabiosa</i> L., 1753 | 2 |
| <i>Trisetum flavescens</i> (L.) P.Beauv., 1812 | 1 |
| <i>Thesium pyrenaicum</i> Pourr., 1788 | 1 |
| <i>Scabiosa columbaria</i> L., 1753 | 1 |
| <i>Sanguisorba minor</i> Scop., 1771 | 1 |
| <i>Salvia pratensis</i> L., 1753 | 1 |
| <i>Rhinanthus minor</i> L., 1756 | 1 |
| <i>Phyteuma orbiculare</i> L., 1753 | 1 |
| <i>Leucanthemum vulgare</i> Lam., 1779 | 1 |
| <i>Dactylis glomerata</i> L., 1753 | 1 |
| <i>Campanula glomerata</i> L., 1753 | 1 |
| <i>Anthyllis vulneraria</i> L., 1753 | 1 |
| <i>Centaurea jacea</i> var. <i>nigra</i> | 0.01 |
| <i>Viola riviniana</i> Rchb., 1823 | 0.01 |
| <i>Trifolium repens</i> L., 1753 | 0.01 |
| <i>Tragopogon pratensis</i> L., 1753 | 0.01 |
| <i>Ranunculus bulbosus</i> L., 1753 | 0.01 |
| <i>Prunella grandiflora</i> (L.) Schöller, 1775 | 0.01 |
| <i>Polygala vulgaris</i> L., 1753 | 0.01 |
| <i>Muscari botryoides</i> (L.) Mill., 1768 | 0.01 |
| <i>Linum catharticum</i> L., 1753 | 0.01 |
| <i>Hieracium pilosella</i> L., 1753 | 0.01 |
| <i>Festuca ovina</i> L., 1753 | 0.01 |
| <i>Carex caryophyllea</i> Latourr., 1785 | 0.01 |
| <i>Avenula pratensis</i> (L.) Dumort., 1868 | 0.01 |

Agronomical value

Pastoral Value (/100) : 46.9

| Forage categories | |
|---------------------------|-------|
| Graminées médiocres | 24.21 |
| | 12.41 |
| Diverses Médiocres | 12.06 |
| Assez Bonnes graminées | 11.2 |
| Très bonnes légumineuses | 11.01 |
| Assez Bonnes légumineuses | 10.4 |
| Bonnes graminées | 8.2 |
| Diverses fourragères | 5.6 |
| Diverses non fourragères | 2.84 |
| Très bonnes graminées | 1 |
| Bonnes légumineuses | 0.2 |

| Fonctionnal types | |
|-------------------|-------|
| B | 28 |
| | 15.43 |
| A | 15 |
| b | 1 |
| C | 0.41 |

Ecological value

| | |
|---|------|
| Species richness | 58 |
| Number of oligotrophic species | 24 |
| Contribution of oligotrophic species | 44.2 |
| Shannon diversity index | 4.25 |
| Shannon equitability index | 1.04 |
| Simpson diversity index | 0.91 |
| Simpson equitability index | 1.0 |
| Red list : number of disappeared species | 0 |
| Red list : number of species probably disappeared | 0 |
| Red list : Number of endangered species | 0 |
| Red list : Number of vulnerable species | 0 |
| Red list : Number of rare species | 0 |
| Total number of red list species | 0 |