

Sikring af græs- og kløvergenetiske ressourcer i Sverige.

The aim of the project was to improve covering the Swedish genetic diversity of clovers and grasses in collections in Nordic Gene Bank. Large areas of Sweden were not represented in the grass and clover collections.

The genetic resources are collected as seeds from species recognized as taxon mandate species. The most valuable germplasm has been identified by taking contact to local farmers that store or use landraces in their production. Wild material is collected in areas with minimal human disturbance.

The focus of the Swedish collection mission was both on locally cultivated material and wild/semi wild material. Of the 140 accessions collected, 9 were classified as locally cultivated material.

Number of accessions collected in Finland and Sweden in 2007

<u>Species</u>	<u>Number of accessions</u>
<i>Agrostis capillaris</i>	27
<i>Alopecurus pratensis</i>	15
<i>Anthoxanthum odoratum</i>	3
<i>Anthyllis vulneraria</i>	1
<i>Calamagrostis arundinacea</i>	1
<i>Calamagrostis chalybaea</i>	1
<i>Calamagrostis purpurea</i>	1
<i>Dactylis glomerata</i>	6
<i>Deschampsia cespitosa</i>	27
<i>Festuca ovina</i>	5
<i>Festuca pratensis</i>	1
<i>Festuca rubra</i>	9
<i>Phleum alpinum</i>	2
<i>Phleum pratense</i>	25
<i>Poa alpina</i>	2
<i>Poa pratensis</i>	1
<i>Trifolium hybridum</i>	1
<i>Trifolium pratense</i>	10
<i>Vicia cracca</i>	2
total	140

The collection mission aimed to collect grasses and clovers from the areas Väst kustområdet, Södra Norrlands kustland, Södra Norrlands inland, Södra Norrlands fjälltrakter og Norra Norrlands fjälltrakter. The collection was done by the retired grass breeder Hans-Arne Jönsson.

Seeds and information (passport and collection information) are included in the collections and databases according to international crop standards. The collected material will be multiplied as soon as possible and is included in future characterization and evaluation.

The material will be available for utilization in breeding programs and research for all interested users.