

# Introduction to the project “Forage Data Access”

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# Aims

1. to continue to work towards the establishment of the European Forage Collection (EFC)
2. to improve the quality and quantity of data in EURISCO, improve data base functions as well as the visibility of forage accessions in this data base (establish a Forage Crop Portal)



# Task 1: Continue the work towards the establishment of a high quality EFC according to the principles of AEGIS

- A long ongoing process
- Only a small part of the forage accessions in Europe are flagged as AEGIS (from a subset of the gene banks) – a lot remains to be done



Beitostølen, Norway 1997



Alnarp, Sweden 2015

**Status 1 November 2015:** Number of accessions flagged as AEGIS in some important forage genera

<b>Genera</b>	<b>No. of flagged accessions</b>	<b>% flagged of total in EURISCO</b>
<b>Agrostis</b>	51	2.9
<b>Alopecurus</b>	7	0.8
<b>Arrhenatherum</b>	19	3.4
<b>Bromus</b>	13	1.0
<b>Dactylis</b>	623	4.4
<b>Festuca</b>	1882	12.5
<b>Lolium</b>	1726	12.1
<b>Lotus</b>	20	0.8
<b>Medicago</b>	26	0.2
<b>Phalaris</b>	30	5.4
<b>Phleum</b>	328	4.5
<b>Poa</b>	1154	15.0
<b>Trifolium</b>	1145	4.2
<b>Total</b>	7024	

# Task 1: Continue the work towards the establishment of a high quality EFC

**Task 1.1:** Continue the **evaluation of progress** of the selection of AEGIS candidates and encourage collection holders to flag accessions (Leader: Petter Marum)

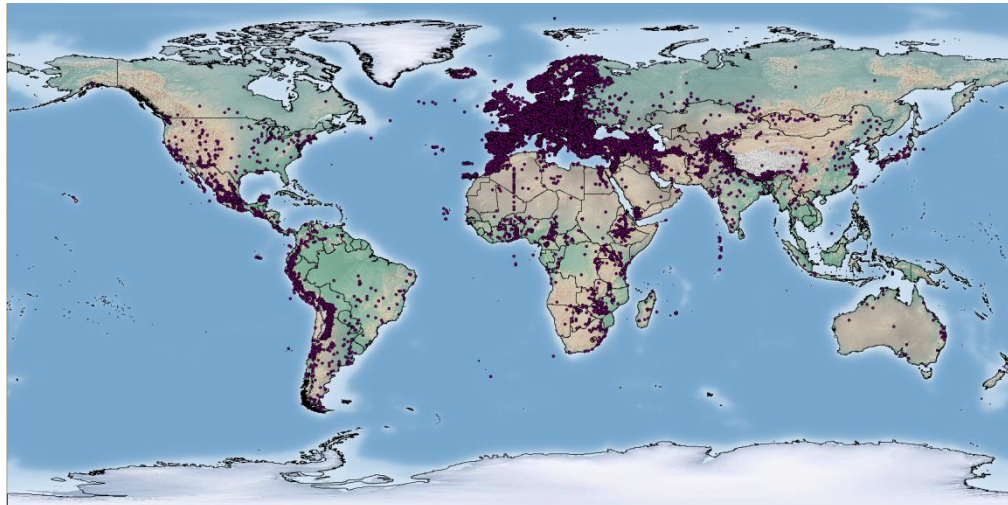
**Task 1.2** Conduct an in-depth study focused on a few selected collections to identify the **reason behind non-inclusion** in the EFC (Leader: Petter Marum)

**Task 1.3:** Based on this, evaluate **what would be needed to increase** the number of accessions in the EFC and plan future actions (Leader: Petter Marum)

**Task 1.4: Verification of accessions and data** on accessions in the EFC: 1) Identify errors in genus, species, crop name, variety names, latitude and longitude 2) Identify duplicates (Leader: Ian D. Thomas)

## Task 2: Work towards improved quality, increased quantity and visibility of forage data

Long term aim is to increase the use of data as well as the genetic resources themselves



Regions of origin of accessions in EURISCO

## Task 2: Work towards improved quality, increased quantity and visibility of forage data

**Task 2.1 Entering C&E data** of forage accessions into EURISCO  
(Leader: Evelin Willner)

**Task 2.2** Evaluate if **forage-specific descriptors** should be incorporated into EURISCO (Leader: Ian D. Thomas)

**Task 2.3** Initiate the development a European **crop portal for forages** (gateway) (Leader: Ian D. Thomas)

**Task 2.4** Use data in the ECCDBs to **identify potential gaps** in EURISCO (Leader: Stephan Weise)

**Task 2.5** Evaluate if **new features** in EURISCO could be developed to facilitate the AEGIS process (Leader: Stephan Weise)

