

Gaps in EURISCO compared to the ECCDBs

Forage and Barley ECPGR workshop, 14-16 March 2017, Malmö, Sweden

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14 March 2017



Overview of databases

Database	Database manager	Accs.
ECPGR Annual Medicago Database	Valentin Maya Blanco	4,827
ECPGR Dactylis Database	Bartosz Tomaszewski	12,262
ECPGR Festuca Database	Bartosz Tomaszewski	13,721
ECPGR Lolium & Trifolium Databases	Ian D. Thomas	
Lolium		12,090
Trifolium		17,089
ECPGR Minor Forage Grasses Database	Anna Palmé	2,241
ECPGR Minor Forage Legumes Database	Lajos Horváth	18,898
ECPGR Perennial Medicago Database	Stephane Fourtier	7,890
ECPGR Phleum Database	Anna Palmé	4,757
ECPGR Poa Database	Evelin Willner	5,405
ECPGR Trifolium subterraneum Database	Valentin Maya Blanco	5,054
ECPGR European Barley Database	Helmut Knüpffer	155,025
	total	259,259

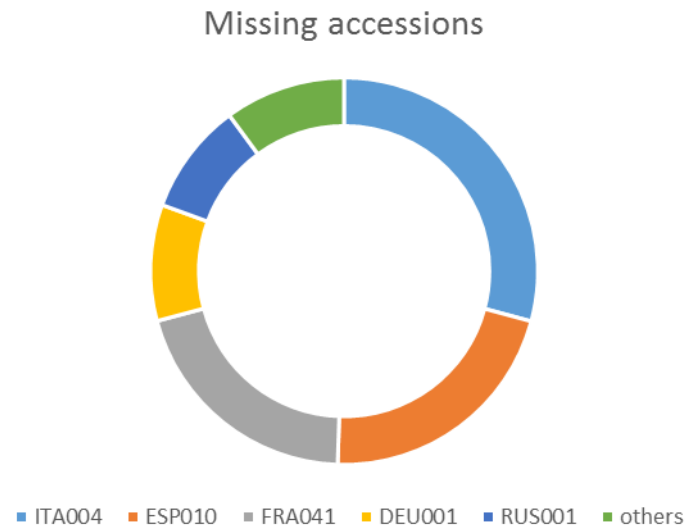
as of 2017-03-03

Comparison ECCDB – EURISCO

- Comparison based on
 - INSTCODE
 - GENUS
 - ACCENUMB } unique identifier
- In case of changes: No identification in EURISCO
 - E.g. DEU001 does not exist anymore

Comparison ECCDB – EURISCO

- ECPGR Annual Medicago Database
- Accessions
 - Total: 4,827
 - In EURISCO: 1004 (20.80%)
 - Missing in EURISCO: 3,823 (79.20%)

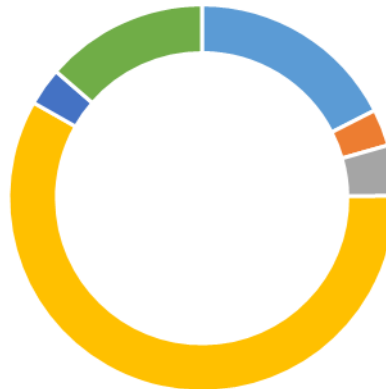


as of 2017-03-03

Comparison ECCDB – EURISCO

- ECPGR Dactylis Database
- Accessions
 - Total: 12,262
 - In EURISCO: 1,532 (12.49%)
 - Missing in EURISCO: 10,730 (87.51%)

Missing accessions



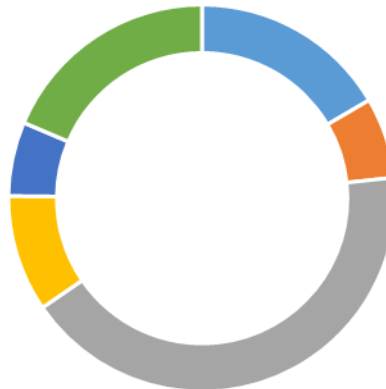
■ DEU271 ■ ESP009 ■ FRA051 ■ POL022 ■ SWE002 ■ others

as of 2017-03-03

Comparison ECCDB – EURISCO

- ECPGR Festuca Database
- Accessions
 - Total: 13,721
 - In EURISCO: 2,197 (16.01%)
 - Missing in EURISCO: 11,524 (83.99%)

Missing accessions

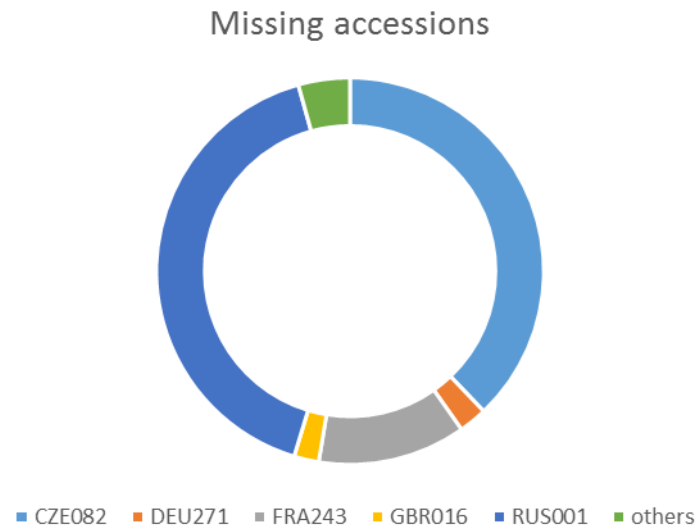


■ DEU271 ■ GBR016 ■ POL022 ■ SVK012 ■ SWE002 ■ others

as of 2017-03-03

Comparison ECCDB – EURISCO

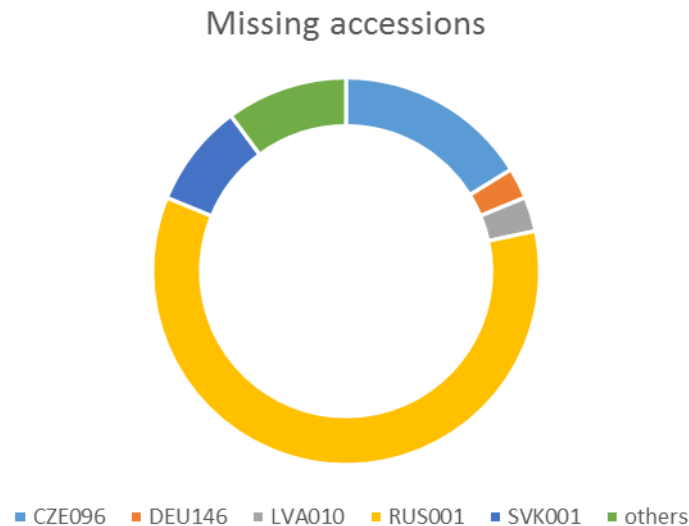
- ECPGR Lolium & Trifolium Databases – Lolium
- Accessions
 - Total: 12,090
 - In EURISCO: 10,398 (86.00%)
 - Missing in EURISCO: 1,692 (14.00%)



as of 2017-03-03

Comparison ECCDB – EURISCO

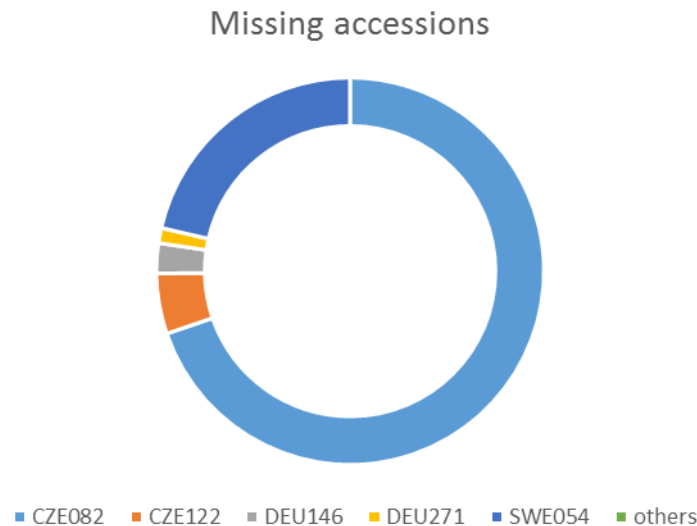
- ECPGR Lolium & Trifolium Databases – Trifolium
- Accessions
 - Total: 17,089
 - In EURISCO: 12,109 (70.86%)
 - Missing in EURISCO: 4,980 (29.14%)



as of 2017-03-03

Comparison ECCDB – EURISCO

- ECPGR Minor Forage Grasses Database
- Accessions
 - Total: 2,241
 - In EURISCO: 1,844 (82.28%)
 - Missing in EURISCO: 397 (17.72%)

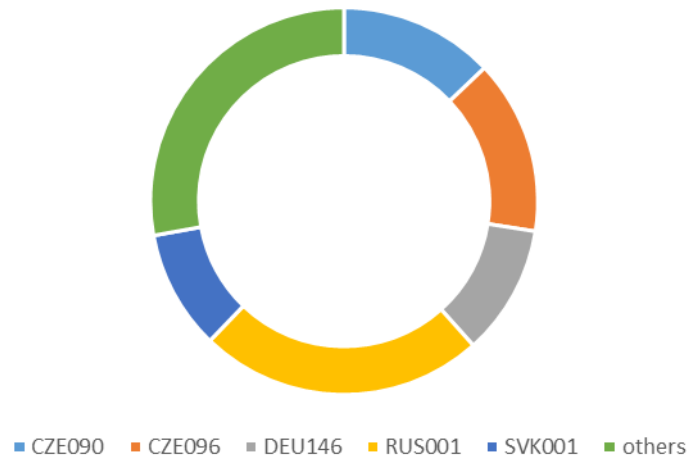


as of 2017-03-03

Comparison ECCDB – EURISCO

- ECPGR Minor Forage Legumes Database
- Accessions
 - Total: 18,898
 - In EURISCO: 16,272 (86.10%)
 - Missing in EURISCO: 2,626 (13.90%)

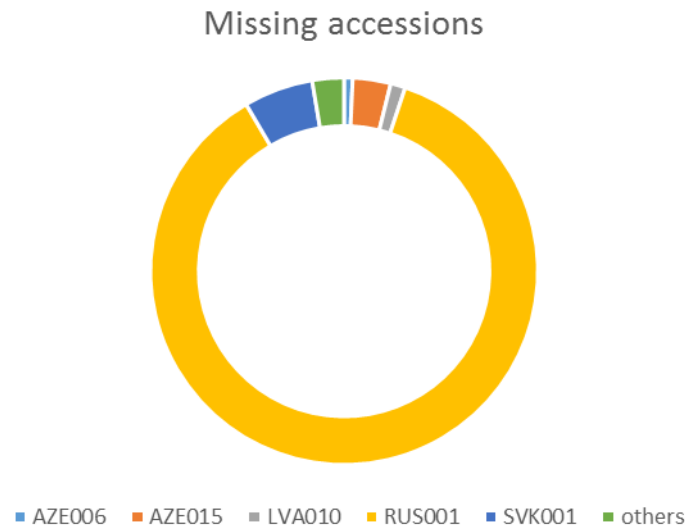
Missing accessions



as of 2017-03-03

Comparison ECCDB – EURISCO

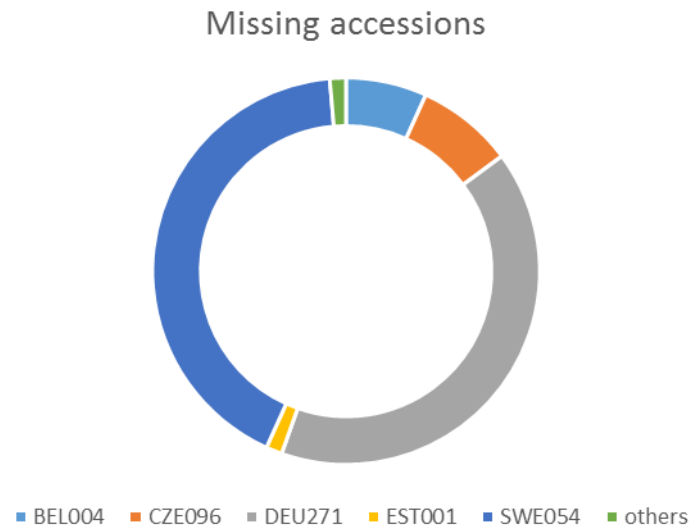
- ECPGR Perennial Medicago Database
- Accessions
 - Total: 7,890
 - In EURISCO: 4,645 (58.87%)
 - Missing in EURISCO: 3,245 (41.13%)



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Comparison ECCDB – EURISCO

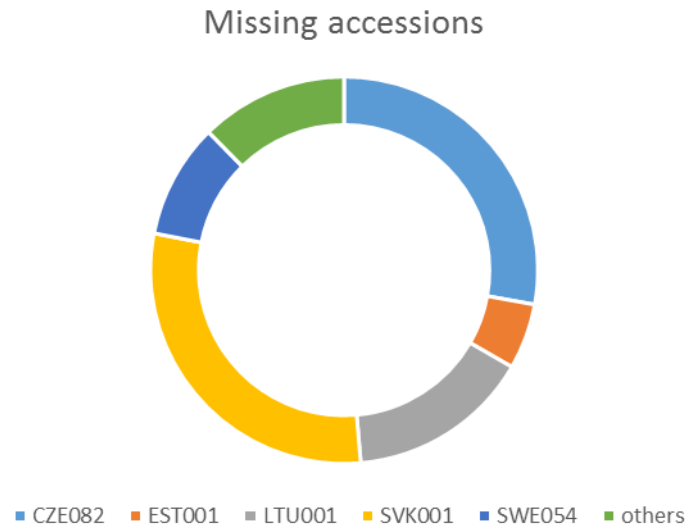
- ECPGR Phleum Database
- Accessions
 - Total: 4,757
 - In EURISCO: 4,683 (98.44%)
 - Missing in EURISCO: 74 (1.56%)



as of 2017-03-03

Comparison ECCDB – EURISCO

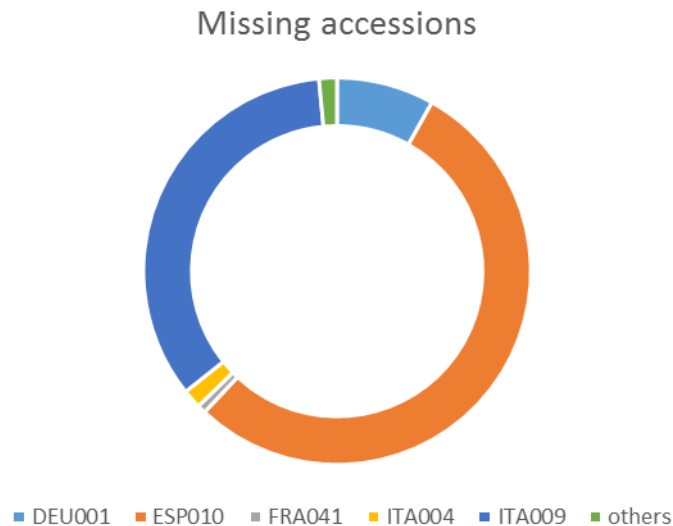
- ECPGR Poa Database
- Accessions
 - Total: 5,405
 - In EURISCO: 4,457 (82.46%)
 - Missing in EURISCO: 948 (17.54%)



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Comparison ECCDB – EURISCO

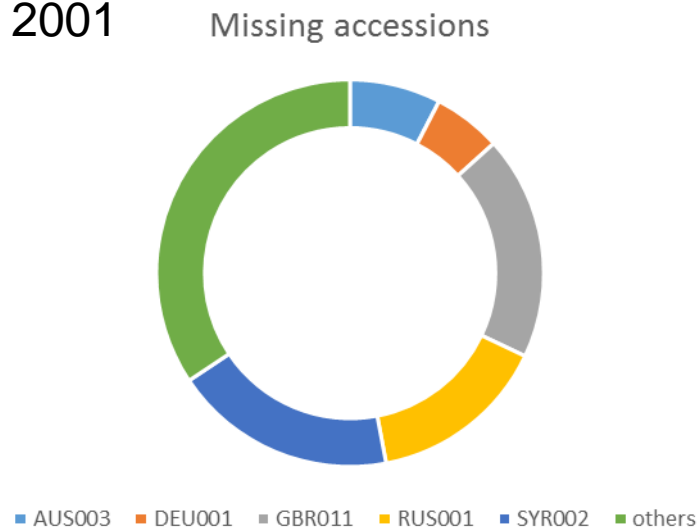
- ECPGR Trifolium subterraneum Database
- Accessions
 - Total: 5,054
 - In EURISCO: 124 (2.45%)
 - Missing in EURISCO: 4,930 (97.55%)



as of 2017-03-03

Comparison ECCDB – EURISCO

- ECPGR European Barley Database
- Accessions
 - Total: 155,025
 - In EURISCO: 24,096 (15.54%)
 - Missing in EURISCO: 130,929 (84.46%)
 - Contains accessions from non-European genebanks
 - Last update 2001



as of 2017-03-03

Summary

Total:

No. of accs.	In EURISCO	%	Missing	%
259,259	83,361	32.15%	175,898	67.85%

Forage databases:

No. of accs.	In EURISCO	%	Missing	%
104,234	59,265	56.86%	44,969	43.14%

Barley database:

No. of accs.	In EURISCO	%	Missing	%
155,025	24,096	15.54%	130,929	84.46%

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