Central Crop Databases:
status at the beginning of ECPGR Phase IX

Foreword

A thorough check of the availability status of the Central Crop Databases (CCDBs) listed on the ECPGR Web pages was carried out from September to December 2013. The existence of a total of 48 CCDBs was confirmed.

In preparation of the Documentation and Information Workshop to be held in May 2014, a survey was undertaken to gather detailed data about all CCDBs, including two complementary approaches:

- A comparison of the data in EURISCO and the respective Central Crop Databases (CCDBs)

- The mailing of questionnaires to all DB managers, for them to check and complete (December 2013-January 2014). The questionnaires were pre-filled with easily available data.

The results of the first part will be presented at the Workshop; the present document contains the results of this second part, i.e. the information provided by DB managers in the questionnaires.

A total of 41 completed questionnaires was returned (= 85%).

For one DB, a reply was received with an incomplete questionnaire: *Glycine*. The DB manager was unable to participate in the survey and indicated the need to identify another host for the DB.

For six DBs the questionnaires were not returned, despite repeated reminders (Chicory, *Cicer*, *Lens*, Pepper, Minor Forage Legumes and *Pisum*).

All replies received were reviewed and queries were sent to DB managers for clarifications/precisions when necessary (January-April 2014). This allowed many updates and corrections, all integrated here (e.g. change in URLs, change in DB manager, update of the DB itself[1]).

The present document integrates the questionnaires for all DBs, including the "pre-filled" versions when no reply had been received.

A synthesis of the information provided will be presented at the Documentation and Information Workshop.

Note: the CCDBs are listed in alphabetical order of crop/species (see next page, contents).

Elinor Lipman, compiler
April 2014

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[1] Databases updated during the survey: *Prunus* (Jan 2014), Triticale (Feb 2014), *Vitis* (April 2014), Wild Potato (Jan 2014).

Contents (databases listed by alphabetical order of crop/species)

Allium

Name of the database	European *Allium* Database
Homepage (URL)	http://ealldb.ipk-gatersleben.de/
Date of creation	1984 (Wellesbourne, UK) transferred to IPK end December 2011
Database manager	Joachim Keller
Email address of database manager	keller@ipk-gatersleben.de
Hosting institute	IPK Gatersleben, Germany

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	14 194
Date of last update	Partial update July 2013
Estimated average age of the records in years (how long ago last updated on average)	5-7 years
Contributors	
Number of contributors	43 institutions in 29 European countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	Homepage ("Supporters") http://gbisweb.ipk-gatersleben.de/ealldb/ealldb_contributors2007.pdf
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes (see comment below)
If no, how many accessions from outside of Europe?	(42% of accessions have origin outside Europe)
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1, 2001
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO + 3 additional *Allium* (Mode of Reproduction, Preliminary Assessment of Day Length, Requirements Availability)
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	Homepage ("Database description") http://gbisweb.ipk-gatersleben.de/ealldb/ealldb_descriptors.pdf
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://ealldb.ipk-gatersleben.de/
How many / which descriptors?	32

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://gbisweb.ipk-gatersleben.de/ealldb/ealldb_excel.zip
File type (Excel, Access..)	Excel and Access
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	There are no direct links installed yet to some other databases, which are available through IPK's homepage: Taxonomic Allium Reference collection http://apex.ipk-gatersleben.de/apex/f?p=265:1 Garlic and Shallot Core collection http://www.ipk-gatersleben.de/databases/genetic_resources/gscc These databases contain also characterization and taxonomic/systematic data Links to these databases will be installed in this year (2014).

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

~ 100 h

Is your mechanism of data gathering and updating working well / sustainable?

No

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

In contrast to EURISCO the European Allium database contains data on all Allium material present in the respective groups, also the material which is not distributable as genetic resource to users, but for which there is either living reference material or other documents (herbarium, images etc.)

Do you have an idea about the use of your database and the appreciation of the users?

There is some feedback (not being quantifiable) from various genebanks and users. Thus, it is appreciated.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

The continuous maintenance is safe for the next two years until retirement of the responsible person (Joachim Keller).

ANY OTHER COMMENTS

Comment to the question about the origin of the accessions: Regardless the fact that the contributing genebanks all belong to Europe, the origin of the material in not only from Europe. You may know that the genus Allium is distributed through Europe, Asia, North America, and even some material comes from Africa. In garlic, onion and leek at least, secondary diversity centres are also in South America and Australia. Therefore, the ambiguousness of the question may cause unclear responses.

For the assessment of origin, all material from the Russian Federation was included as being regarded European despite the fact that a main part of the Russian territory is Asian.

Avena

Name of the database	European *Avena* Database
Homepage (URL)	http://eadb.jki.bund.de/eadb/
Date of creation	1991
Database manager	Christoph Germeier
Email address of database manager	christoph.germeier@jki.bund.de
Hosting institute	JKI, Quedlinburg, Germany

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	32 657 according to http://eadb.jki.bund.de/eadb/AccessionSummary.php
Date of last update	2007 (32 accessions) Bulks of 1000-2500 accessions have been updated in 2001, 2003, 2004 and 2005. Total 8168 accessions updated during 2001-2007 according to needs of incoming data from C&E projects. Technical update in 2012 (new layout of home page and web applications, links updated)
Estimated average age of the records in years (how long ago last updated on average)	Average 15 years Since the onset of EURISCO not as a service for CCDBs but as a standalone web catalogue for European passport data, we did not consider any more the update of passport data as a primary task for the CCDBs, and limited it to those collections, where it was necessary regarding their use in C+E projects. A new update will be necessary for about 1000 accessions for the integration of the AVEQ results, which currently still reside in a separate project database.
Contributors	
Number of contributors	31
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://eadb.jki.bund.de/eadb/AccessionSummary.php
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	No
If no, how many accessions from outside of Europe?	45 (USA) and 14 (CAN) according to http://eadb.jki.bund.de/eadb/AccessionSummary.php
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1, 2001, partly V2, 2012

Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Date of entrance into collection Responsibility, Restrictions, Storagestatus (have been introduced during discussions on sharing of responsibilities) DonorFAOCode LifeForm (spring or winter type) LastUpdate LastUpdateBy Beyond the original passport data (table ACCESSION), which are not touched, additional normalised structures have been created representing origin, taxon and geographic information to provide interpreted and corrected harmonised data, which are used for querying and data display in the web application. The untouched original data are downloadable.
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://eadb.jki.bund.de/eadb/index.php?page=query
How many / which descriptors?	Accession: 9 descriptors Genotype (= Origin/Duplicate group): 11 descriptors Taxonomy: 10 descriptors Site: 11 descriptors
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://eadb.jki.bund.de/eadb/AccessionSummary.php
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	Currently 163 descriptors observable with 385 methods (includes AVEQ methodologies, observations of which are still only in the project database). There is no limited set of descriptors given by the database structure. Any descriptor can be added easily and methodological details of observing the descriptors (incl. decoding of scores) can be exactly documented in the database.
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://eadb.jki.bund.de/eadb/ObservationSummary.php
How many accessions have C&E data?	3134 in EADB + 667 in AVEQ
How many data points are available?	169 799 according to http://eadb.jki.bund.de/eadb/ObservationSummary.php Additionally 264 253 observation points are in the AVEQ project database, which need still to be integrated into the EADB
Are C&E data searchable online? (Yes/No)	Yes
If yes,	
URL	http://eadb.jki.bund.de/eadb/index.php?page=query
How many / which descriptors?	All, combined with each other and with passport descriptors

Are C&E data downloadable (Yes/No)	Yes
If yes,	
URL	Only after search in result dataset, with coverage of maximum 1000 accessions, no fixed URL)
File type (Excel, Access..)	Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	For a result set of accessions searched by a combination of passport and C+E descriptors the database provides: - C+E observations in cross table or list format, experiment wise or aggregated displayed or downloadable as Excel - A separate list of observations for the standard cultivars used in the respective experiments displayed or downloadable as Excel - Observation methodology used in the result data displayed - Experimental details for the result data displayed - Passport data list displayed as duplicate groups with parallel taxonomy and a download button for an original MCPD V1 list - Addresses of genebanks displayed (needs update) - Pictures - Named alleles Additionally the web site provides a help document for using the web application, and links to EU GEN RES projects AVEQ and CT 99-106, to the ECPGR Avena Working Group, to the AEGRO CWR Information system (CWRIS-AEGRO-PLIS) and the Genetic Reserve Information System (GenResIS) for Avena, to GrainGenes Avena data.

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

This is difficult to estimate, because it is intermingled with work in documentation work packages for research projects, but it is at least 50% of my total working time (ca. 700 hours)

Is your mechanism of data gathering and updating working well / sustainable?

Yes, technically seen it is much more complete than that currently available for EURISCO:

- *It keeps historical records and thus maintains consistency and integrity between passport, C+E, and other data, and makes transparent, which accessions have been lost by the genebanks from one update to another.*
- *It includes a duplicate search procedure, which compares incoming passport information with all accessions in the database and lists similarities for manual editing to duplicate groups*
- *It keeps track on all changes ("corrections") made by the genebanks between two updates.*

It is a highly complicated semi-automated procedure, which needs supervision especially respective duplicate search, and thus it is time-consuming when used for updates. To make it more

performant and effective on the other side would require a great deal of software development. Also it is difficult and work intensive to keep it up to date programmatically.

Thus No, if considered from the organisational point of view. Data acquisition and updating of the EADB depends on the availability of extra technical personal staff (information assistant) and thus extra funding. Also further development of the web application and update mechanisms depend on the availability of extra technical personal staff (application programmer) and thus extra funding.

Developments made in software development were targeted to demonstrate how a CCDB information system should work, without considering the insufficient resources available for its update as a permanent activity. This was done in the hope to raise awareness for the potentials of, but also the requirements for such information systems, so that some time the situation for the CCDBs can be improved. If this ever will happen, I increasingly doubt.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

- *Characterisation and evaluation (C+E) data, including C+E methodology, description of experimental background, and used experimental standards.*
- *Combined research for characterisation and evaluation data.*
- *A parallel taxonomic system mentioning synonyms and also historical (may be wrong) taxonomic determinations of an accession.*
- *Some older information of named genes described in literature.*
- *Pictures of accessions in the field, of panicles and seeds.*
- *A full duplicate search with groups of duplicated accessions listed together with harmonised passport information for the whole duplicate group.*
- *Normalisation of MCPD passport information into accession, origin and geographical site information.*
- *An update procedure, which keeps historical records and thus maintains consistency and integrity between passport, C+E, and other data, and which also makes transparent, which accessions have been lost by the genebanks from one update to another. It further updates the duplicate search and keeps track on all changes ("corrections") made by the genebanks during the various updates, although this semi-automated update procedure is quite time consuming.*
- *Direct access of the Avena crop Working Group to the database as a tool e.g. in managing European projects for oat genetic resources.*

Do you have an idea about the use of your database and the appreciation of the users?

It played a major role in two European projects on oat genetic resources, and in the development of the Global Strategy for Ex Situ Conservation of Oats. Interest in crop databases is very much depending on research and breeding activity in the crop, which is decreasing. Only very few oat breeding programs are left in Europe. Additionally, with lower budgets for oat breeding programs the use of genebank material is reduced to avoid lengthy backcrossing needed to reach again a type accepted in the market. Oat is a robust crop with market potential mainly in organic farming, so currently not much need for breeding activity is seen. It is mainly crop researchers convening in the Avena Working Group, who have interest in the database.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, depending on funding.
Not sufficient resources available: There is no permanent technical staff given or planned at JKI for managing and developing the database and information system, except for keeping the database

and web servers administrated and running. Needed would be at least an application programmer for change management and keeping software applications at an actual stage, and an information assistant dealing with the contents (doing or supervising updates, checking correctness and consistency of data). In the given situation, any update or development is only possible with project funding or exceptional temporary (two years) helping positions at JKI. To improve this situation in JKI would require as a first precondition a clear commitment of ECPGR and our National Coordinator towards continuation of the CCDBs and contacting our president by the National Coordinator with a request to improve the personal resources available for the CCDBs in JKI.

ANY OTHER COMMENTS

Beyond the information network in our experience the CCDBs have been the core of the crop working groups. Through the CCDB manager the crop working groups had direct access to all data relevant for them. If this will be cut, activities in the crop working groups will probably further go down.

Basically the personal situation for other CCDBs is not better than for ours in most cases, and even it is not for EURISCO. What is missing is an understanding of steering people and in political levels, that software development is a time consuming and costly task and that software development is needed for creating and using consistent and useful datasets. Obviously the general interest in genetic resources is currently not sufficient in Europe to justify a relevant investment at this point or to make the deficits, which are obvious to the specialist communities, perceived by a broader public. If we nevertheless consider it necessary as a service for the future, we will have to mobilize considerable political pressure and work together for improving the whole instead of competing for the insufficient available resources.

Certainly in technical development of software, database and web applications much synergy could be gained by agreements on used technologies, closer cooperation of CCDB and EURISCO managers and training provided for CCDB and EURISCO managers by the Information Network. It should be tried to get this started in Horizon 2020, which seems to provide well-funded projects.

Barley

Name of the database	European Barley Database
Homepage (URL)	http://barley.ipk-gatersleben.de/ebdb/ ("old version", passport and evaluation data) http://ebdb.ipk-gatersleben.de/apps/ebdb/ ("new version", passport data only) http://barley.ipk-gatersleben.de/genres/index.php?scp=barley&thm=matobs (direct link to C&E data in the "old version")
Date of creation	started in 1983
Database manager	Helmut Knüpffer (responsible for the DB) Markus Oppermann (technical manager)
Email address of database manager	knupffer@ipk-gatersleben.de opperman@ipk-gatersleben.de
Hosting institute	IPK, Gatersleben, Germany

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Current number of accessions (December 2013)	ca. 156 000
Date of last update	ca. 2001 (during the EU GENRES project on barley genetic resources)
Estimated average age of the records in years (how long ago last updated on average)	12+ years More exactly it can be calculated from: year of contribution (on the website http://barley.ipk-gatersleben.de/ebdb/ebdb_contributors.html), and number of EBDB accessions per contributing genebank (in the document http://barley.ipk-gatersleben.de/reports/Ebdb_july2001.pdf, Table 2)
Contributors	
Number of contributors	41 ECPGR, 3 non-ECPGR, plus International Barley Core Collection
Is the list of contributors available online? (Yes/No)	yes, in the "old version", some addresses outdated (not regularly checked)
If yes, URL	http://barley.ipk-gatersleben.de/ebdb/ebdb_contributors.html
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	No Origin of accessions worldwide Coverage of contributing genebanks: ECPGR countries + Australia + Japan + Syria (ICARDA), also including the International Barley Core Collection
If no, how many accessions from outside of Europe?	AUS 9947 JPN 4016 SYR 24372
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	"EBDB Multicrop Extension" (as of 2001)

Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	See under link below
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://barley.ipk-gatersleben.de/reports/Ebdb_july2001.pdf, p. 5 also published as: Enneking, D. and H. Knüpffer (2001): The European Barley Database. In: H. Knüpffer, R. von Bothmer, M. Ambrose, R. Ellis, A. M. Stanca, D. Enneking, L. Maggioni and E. Lipman, compilers, Report of a Working Group on Barley, Sixth Meeting, 3 December 2000, Salsomaggiore, Italy. International Plant Genetic Resources Institute, Rome, Italy. pp. 50-62.
Are passport data searchable online? (Yes/No)	Yes ("old" and "new" version)
If yes,	
URL	Old version: homepage http://barley.ipk-gatersleben.de/ebdb.php3 New version http://ebdb.ipk-gatersleben.de/apps/ebdb/createComplexForm.jsp
How many / which descriptors?	**"Old version"** Accession names (cultivars) Pedigrees: Taxon (Hordeum species, botanical variety): Wild, weedy, landraces, or ...? Accession numbers of contributing genebanks Holding Institution (INSTCODE) <= type BCC for Barley Core Collection Donors (Donorcode) Donor number Other Accession identifiers Collector(s) Collecting number Collecting expedition Collecting Institutions Country of origin Country ISO-3 code Province Collecting site Longitude Latitude Altitude higher than lower than Most original number Characterisation data: Row number Kernel cover Growth Habit **"New version":** Taxon Accession name (cultivar) Pedigree Sample status Country of origin Donor (Donor code) Donor number Contributor Accession number Collecting number

	Collecting expedition
	Country ISO-3 code
	Province
	Collecting site
	Longitude
	Latitude
	Altitude between
	Row Number
	Kernel Cover
	Seasonal Habit
Are passport data downloadable? (Yes/No)	No specific URL for downloading the whole EBDB, but search results are downloadable (after conducting a search, press the button "Download")
If yes,	
URL	New version http://ebdb.ipk-gatersleben.de/apps/ebdb/createComplexForm.jsp
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes, but only C&E data from the coordinated collaborative evaluation during the EU GENRES Barley project (1999-2003) The C&E search (http://barley.ipk-gatersleben.de/genres/index.php?scp=barley&thm=matobs) was programmed using the approach of the "Dynamic Data Analyser" (Morten Huldén, NGB)
If yes,	
How many descriptors do you use?	13 for spring barley 18 for winter barley
Is the list of C&E descriptors available on the site? (Yes/No)	Yes (old version)
If yes, URL	Under "old version" http://barley.ipk-gatersleben.de/genres/index.php?scp=barley&thm=matobs (clicking on "prorecnum=1" or "prorecnum=2" for spring and winter barley, respectively, you will see the list of descriptors)
How many accessions have C&E data?	3,029, plus 406 accessions not included in the EBDB
How many data points are available?	61,974 (only related to accessions included in the EBDB)
Are C&E data searchable online? (Yes/No)	Yes. Characterisation data are included in passport (both versions); evaluation data only in old version
If yes,	
URL	**Characterisation data:** Old version: homepage http://barley.ipk-gatersleben.de/ebdb.php3 New version http://ebdb.ipk-gatersleben.de/apps/ebdb/createMorphologyForm.jsp

Evaluation data: http://barley.ipk-gatersleben.de/genres/index.php?scp=barley&thm=matobs (clicking on "prorecnum=1" or "prorecnum=2" for spring and winter barley, respectively, you will see the list of descriptors, then click on one of the traits and you get more details) |

How many / which descriptors?	**Characterisation data:** Old version: 3 (Row number , Kernel cover, Growth Habit) New version: 3 (Row Number, Kernel Cover , Seasonal Habit) **Evaluation data:** Genres Spring Barley Evaluation leafspots R. maidis R. padi Ramularia cygni-galli S. avenae M. dirrhodium Lodging Puccinia striiformis f. sp. Hordei (Yellow rust) Puccinia hordei (Brown rust, Dwarf leaf rust) Blumeria graminis f. sp. Hordei (Powdery mildew) Rhynchosporium secalis (Scald) Pyrenophora graminea (Barley stripe) Pyrenophora teres (Net blotch) Genres Winter Barley Evaluation Barley mild mosaic virus + Barley yellow mosaic virus (BaYMV-1) Barley mild mosaic virus + Barley yellow mosaic virus (BaYMV-1 + 2) R. maidis R. padi Ramularia cygni-galli S. avenae M. dirrhodium Lodging Puccinia striiformis f. sp. Hordei (Yellow rust) Puccinia hordei (Brown rust, Dwarf leaf rust) Blumeria graminis f. sp. Hordei (Powdery mildew) Rhynchosporium secalis (Scald) Pyrenophora graminea (Barley stripe) Pyrenophora teres (Net blotch) Barley yellow dwarf virus (BYDV) Barley mild mosaic virus (BaMMV) Beginning of heading (spike emergence) Cold tolerance
Are C&E data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	Answer: The website links to the EU GENRES Barley Project website The Database includes the International Barley Core Collection (besides individual collections)

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Answer: 1-2 days for maintenance (keeping the database running, fixing problems, transfer to new filers when technically necessary)

Is your mechanism of data gathering and updating working well / sustainable?

Answer: No, it would consist of requesting data from the collection managers and/or from national inventories (or EURISCO) individually. We requested new data during the last 2-3 years, but the responses were few, and most of these referred to EURISCO as the most up-to-date source of barley passport data.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Answer: There are collections included in the EBDB that are not (yet) included in EURISCO

Do you have an idea about the use of your database and the appreciation of the users?

Answer: There is no access statistics, but in the past there have been positive responses about the availability of the EBDB, and especially of the C&E data (even if the latter are a bit difficult to access)

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Answer: We decided not to update the database until EURISCO will be fully operational from the IPK site. We are intending to integrate the EBDB, as well as the CCDBs for Allium and Poa (all maintained by IPK), into EURISCO (but keeping them separated for the users). Maybe, depending on the recommendations or decisions of the upcoming Doc&Info meeting, we will look for another solution

ANY OTHER COMMENTS

Beta

IDENTIFICATION

Name of the database	International Database for Beet
Homepage (URL)	http://idbb.jki.bund.de/idbb/
Date of creation	1987
Database manager	Lothar Frese and Christoph Germeier
Email address of database manager	Lothar.Frese@jki.bund.de christoph.germeier@jki.bund.de
Hosting institute	JKI, Quedlinburg, Germany

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Current number of accessions (December 2013)	10 485 according to http://idbb.jki.bund.de/idbb/AccessionSummary.php
Date of last update	Before 2002 Technical update in 2012 (new layout of home page and web applications, links updated, contributors' addresses updated)
Estimated average age of the records in years (how long ago last updated on average)	Hard to estimate, but before 2002 (end of EU project Genres CT95 No 42) (= more than 12 years) Since the onset of EURISCO not as a service for CCDBs but as a standalone web catalogue for European passport data, we did not consider any more the update of passport data as a primary task for the CCDBs, and limited it to those collections, where it was necessary regarding their use in C+E projects.
Contributors	
Number of contributors	28
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://idbb.jki.bund.de/idbb/AccessionSummary.php
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	No
If no, how many accessions from outside of Europe?	CHINA 78 INDIA 132 IRAN 229 ISRAEL 50 JAPAN 32 UNITED STATES 2255
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1, 2001

Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Date of entrance into collection Responsibility, Restrictions, StorageStatus (have been introduced during discussions on sharing of responsibilities) Beyond the original passport data (table ACCESSION), which are not touched, additional normalised structures have been created representing origin, taxonomic and geographic information to provide interpreted and corrected harmonised data, which are used for querying and data display in the web application. The untouched original data are downloadable.
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://idbb.jki.bund.de/idbb/index.php?page=query
How many / which descriptors?	Accession: 11 descriptors Genotype (= Origin/Duplicate group): 11 descriptors Taxonomy: 10 descriptors Site: 11 descriptors
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://eadb.jki.bund.de/eadb/AccessionSummary.php
File type (Excel, Access)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	Currently 117 descriptors observable with 141 methods. There is no limited set of descriptors given by the database structure. Any descriptor can be added easily and methodological details of observing the descriptors (incl. decoding of scores) can be exactly documented in the database.
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://idbb.jki.bund.de/idbb/ObservationSummary.php
How many accessions have C&E data?	1750
How many data points are available?	36 513 according to http://idbb.jki.bund.de/idbb/ObservationSummary.php
Are C&E data searchable online? (Yes/No)	Yes
If yes,	
URL	http://idbb.jki.bund.de/idbb/index.php?page=query
How many / which descriptors?	All, combined with each other and with passport descriptors
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	Only after search in result dataset with a coverage of less than 1000 accessions, no fixed URL
File type (Excel, Access..)	Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	For a result set of accessions searched by a combination of passport and C+E descriptors the database provides: - C+E observations in cross table or list format, experiment wise or aggregated displayed or downloadable as Excel. - A separate list of observations for the standard cultivars used in the respective experiments displayed or downloadable as Excel. - Observation methodology used in the result data displayed. - Experimental details for the result data displayed. - Passport data list displayed as duplicate groups with parallel taxonomy and a download button for an original MCPD V1 list. - Addresses of genebanks displayed. - Pictures. Additionally the web site provides a help document for using the web application, and links to the ECPGR *Beta* Working Group, to the AEGRO CWR Information system (CWRIS-AEGRO-PLIS) and the Genetic Reserve Information System (GenResIS) for *Beta*, and to the International Institute for Beet Research.

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

L. Frese: 16 hours
C. Germeier: 50 hours
As the software and database structures are the same for EADB and IDBB work can be transferred between both

Is your mechanism of data gathering and updating working well / sustainable?

Yes, technically seen.
No, if considered from the organisational point of view. Data acquisition and updating of the IDBB depends on the availability of extra funding.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

- *Characterisation and evaluation (C+E) data, including C+E methodology, description of experimental background, and used experimental standards.*
- *Combined research for characterisation and evaluation data.*
- *A parallel taxonomic system mentioning synonyms and also historical (may be wrong) taxonomic determinations of an accession.*
- *Pictures of accessions in multiplication plots.*
- *The database is partly searched for duplicates manually by L. Frese. Groups of duplicated accessions are listed together with harmonised passport information for the whole duplicate group.*
- *Normalisation of MCPD passport information into accession, origin and geographical site information.*

- *Direct access of the Beta crop Working Group to the database as a tool e.g. in managing European projects.*

Do you have an idea about the use of your database and the appreciation of the users?

The IDBB deals with genetic resources of a crop which is in terms of economic importance (EU-28) on position 9 of 31 crops / crop groups. Commercial sugar beet breeding is an international activity supported by researchers in European countries and overseas (USA, China, Japan, Iran).

It is a biennial crop which means that introgression of a trait until marketing of a new variety having this new trait may take 10-20 years. Researchers use therefore the IDBB only sporadically when there is need for novel genetic variation in the breeding pools. The IDBB has advantages compared to the GRIN if researchers are looking for a geographically wide sample of accessions. For that reason it has been intensively used to compose the very large working collection of the French AKER project in 2011/2012.

The GRIN database services a continuing, well-organised crop evaluation programme and is regularly updated while the IDBB is not part of such a programme in Europe (a coordinated programme does not exist). A steady flow of C&E data into GRIN is clearly an advantage of GRIN compared to the IDBB.

The difference between Beta data contained in GRIN and the IDBB is the scope of the data. GRIN covers data on the NPGS Beta collection while the IDBB offers data on all holdings kept worldwide.

There seems to be two types of users. The first category is used to search for data intuitively on user-friendly interfaces. Their feedback is not always positive. The second category reads the manual to understand how data can be searched. Their feedback is positive because the IDBB allows very flexible searches and displays of the search results. The second category of users would prefer ordering of accessions via the IDBB. They often do not understand that the IDBB is only an information system without a Beta holding.

My impression is that (scientific) users appreciate the way C&E data are stored and offered and that they would welcome an update of the data content. Whether this will happen also depends on the development of a Beta genetic resources information system by the URGI group (INRA, Versailles) within the AKER project. This system will contain fresh data on accessions kept in Europe and overseas.

My impression is that the role and fate of the IDBB largely depends on how our (ECPGR?) community will organise the data flow on PGR in general. Currently there seems to be neither coordination nor a concept for sustainable data management in the PGR domain.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, maintaining the current status of the data base is possible as we get technical support from JKI's central IT-group.
No, as explained above, we would need additional resources for updating and acquisition of new data.

Updates depend on project funding such as the Dutch-German cooperation on Beta genetic resources (ended in 1991), the GENRES CT42 project (ended in 2002), and the AEGRO project (ended in 2011).

ANY OTHER COMMENTS

Statutory tasks have first priority within the JKI. The conservation and sustainable use of PGR has no legal basis (CBD, International Treaty do not count) and have therefore second priority.

Brassica

IDENTIFICATION

Name of the database	European *Brassica* Database
Homepage (URL)	http://documents.plant.wur.nl/cgn/pgr/brasedb/
Date of creation	1991
Database manager	Frank Menting and Noor Bas
Email address of database manager	frank.menting@wur.nl noortje.bas@wur.nl
Hosting institute	CGN, Wageningen, The Netherlands

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	25 901
Date of last update	December 2012
Estimated average age of the records in years (how long ago last updated on average)	5
Contributors	
Number of contributors	65 institutions
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/brasedb/con_cont.asp
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO modified: National Inventory code removed and 3 descriptors added (End use, Year of release, File generation date) Original Taxonomy (ORIG_TAX)
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/brasedb/brasdescriptors.htm

Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/brasedb/searchform.asp
How many / which descriptors?	10 Holder Institute, Genus, Species, Subtaxa, (Part of) the accession name, (Part of) the cropname, (Part of) the accession number, Country of origin, (Part of) the collecting site, Sample Status
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/brasedb/download.htm
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	45
Is the list of C&E descriptors available on the site? (Yes/No)	No (only included in downloadable files)
If yes, URL	
How many accessions have C&E data?	1250
How many data points are available?	
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/brasedb/brasresgen.htm http://documents.plant.wur.nl/cgn/pgr/brasedb/brasair.htm
File type (Excel, Access..)	Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	• Search form provides possibility to select accessions part of core collections from the EU RESGEN and AIR projects • Additional information (EU RESGEN CT99 109-112, EU project AIR3 - CT920463), including downloadable C&E data • Statistics (no. accessions/species, no. accessions/contributors) • For B. oleracea and B. rapa possible duplicate groups have been indicated. Probable duplicates are being displayed in the search results and can be found in the download

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

50

Is your mechanism of data gathering and updating working well / sustainable?

The mechanism of data gathering and updating is working well, but time consuming because of the harmonization of the taxonomy. Also 3 extra fields have been added: AIR core, RESGEN core, probable duplicate group, which have to be checked and filled in in a new update.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Harmonisation of taxonomy and therefore easier to search for crop types
For B. oleracea and B. rapa collections probable duplicate groups have been indicated. Probable duplicates are being displayed in the search results and can be found in the download.

C&E data of EU and Brassica WG projects are or will be made available via the website of the database.

Inclusion of more detailed data in COLLSITE of part of GRC and ESP003 collection

Passport data of BLR and FRA are included in BrasEDB and not in EURISCO.

There are in some cases more passport data filled in in BrasEDB (ACCENAME in RUS data)
In some collections ACCENUMB has changed (ESP, RUS). In ESP collection the old ACCENUMB can be found in OTHERNUMB in EURISCO; in RUS collection there is no mention of the old ACCENUMB.

Do you have an idea about the use of your database and the appreciation of the users?

In 2013 639 visits of 261 unique visitors. I do not know about the appreciation of the users.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

In a low profile way, only including information/C&E data from ECPGR Brassica WG projects
There are sufficient resources available at CGN for this

ANY OTHER COMMENTS

Until three years ago, the BrasEDB included substantial more collections, accessions and passport data than EURISCO. This has changed in the past few years. Now the BrasEDB can be seen as additional to EURISCO because of what is mentioned in ASSESSMENT OF USE AND VALUE.

Chicory

Note: data collected by compiler, not corrected by the DB manager

Name of the database	International Chicory Database
Homepage (URL)	http://documents.plant.wur.nl/cgn/pgr/chicory/
Date of creation	
Database manager	Pascal Coquin
Email address of database manager	pascal.coquin@geves.fr
Hosting institute	the DB is maintained by GEVES, France and hosted by CGN, The Netherlands

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	1766
Date of last update	
Estimated average age of the records in years (how long ago last updated on average)	
Contributors	
Number of contributors	21 institutions
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/chicory/con_cont.asp
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	No
If no, how many accessions from outside of Europe?	USA 82
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO modified: National Inventory code removed and 8 descriptors added (Sub crop type, File generation date, Official name, Race, Genetical structure, Date of registration, Date of deletion, Cultigroup)
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/chicory/descriptors.htm

Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/chicory/searchform.asp
How many / which descriptors?	9 Genus, Species, Subtaxon, Subcrop type, Country of origin, Status of sample, (part of) the accession name, (part of) the accession number, Holding institute
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/chicory/download.htm
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	No
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/chicory/download.htm "Characterization and evaluation data generated within the framework of the EU GENRES project entitled "Leafy vegetables germplasm, stimulating use" (AGRI-2006-0262) are also downloadable as zipped Excel file."
File type (Excel, Access..)	Excel

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	• Overview of included species http://documents.plant.wur.nl/cgn/pgr/chicory/con_spec.asp • Search form provides possibility to search for accessions with research data

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Is your mechanism of data gathering and updating working well / sustainable?

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Do you have an idea about the use of your database and the appreciation of the users?

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

ANY OTHER COMMENTS

Cicer

Note: data collected by compiler, not corrected by the DB manager

Name of the database	**ECPGR *Cicer* Database**
Homepage (URL)	http://www.iniav.pt/ecpgr
Date of creation	1996
Database manager	Maria da Graça Mendonça Pereira
Email address of database manager	graca.pereira@iniav.pt
Hosting institute	INIAV, Portugal

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	10206 (in downloadable Excel file)
Date of last update	
Estimated average age of the records in years (how long ago last updated on average)	
Contributors	
Number of contributors	22
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	
If yes, which version (V1, 2001 / V2, 2012)	
Are other passport descriptors used? (Yes/No)	
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	homepage
File type (Excel, Access..)	Excel

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Is your mechanism of data gathering and updating working well / sustainable?

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Do you have an idea about the use of your database and the appreciation of the users?

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

ANY OTHER COMMENTS

Cucurbits

Name of the database	ECPGR Cucurbits Database
Homepage (URL)	http://www.comav.upv.es/index.php?option=com_wrapper&view=wrapper&Itemid=281&lang=en
Date of creation	2001
Database managers	María José Díez Niclós and José Miguel Blanca
Email address of database managers	mdiezni@btc.upv.es jblanca@btc.upv.es
Hosting institute	COMAV, Valencia, Spain

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	27 485
Date of last update	May 2013
Estimated average age of the records in years (how long ago last updated on average)	1
Contributors	
Number of contributors	42 European institutes
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	homepage Contributors http://158.42.125.239/contributors.html
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	(There are approximately 15 000 accessions originally collected outside Europe)
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	homepage Database description http://158.42.125.239/databasedescription.html
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	homepage Passport Data http://158.42.125.239/eccudb_index.asp
How many / which descriptors?	27 (all except Remarks)
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	homepage Off-line - download 158.42.125.239/eccudb_zipped.zip
File type (Excel, Access..)	Access

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes (*Citrullus lanatus* and *Cucumis sativus*)
If yes,	
How many descriptors do you use?	*Citrullus lanatus:* 10 *Cucumis sativus:* 9
Is the list of C&E descriptors available on the site? (Yes/No)	No. But when the users do a search, a "legend" appears at the end of the page, showing the descriptors and their meanings. A descriptor list will be added soon as a pdf file.
If yes, URL	
How many accessions have C&E data?	*Citrullus lanatus*: 126 *Cucumis sativus:* 776
How many data points are available?	
Are C&E data searchable online? (Yes/No)	Yes (*Citrullus lanatus* and *Cucumis sativus*)
If yes,	
URL	homepage *Citrullus lanatus* Characterization Data http://158.42.125.239/caracterizacioncitrullus/characterization_filters.asp *Cucumis sativus* Characterization Data http://158.42.125.239/caracterizacionsativus/characterization_filters_sativus.asp
How many / which descriptors?	*Citrullus lanatus*: 10 Plant growth habit, Leaf blade: degree of secondary lobing, Hermaphroditic flowers, Fruit shape, Predominant (or ground) fruit skin colour, Secondary fruit skin colour pattern, Fruit skin stripe colour, Flesh colour, Distribution of grooves, Fruit bitterness *Cucumis sativus:* 9 Plant growth habit, Limb size, Leaf colour Intensity, Predominant peduncle shape, Spine colour, Predominant skin colour at commercial maturity, Predominant skin colour at physiological maturity, Parthenocarpy, Reproductive system
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	*Citrullus lanatus* http://158.42.125.239/caracterizacioncitrullus/eccudbcharcit.mdb (main table is "CITRULLUSCHAR2" table) *Cucumis sativus* http://158.42.125.239/caracterizacionsativus/charsativus.mdb (main table is "Tabla1")
File type (Excel, Access..)	Access

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	• *Cucurbita pepo* core collection (Belonging to ESP026 collection) Corecollection.pdf • On-line Taxonomy • In situ Onfarm activities (Spain, The Netherlands, Germany)

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

The database has been continuously revised and compared with EURISCO, with several contributors' databases and with online contributors' websites in order to have a more complete dataset. Approximately 480 hours have been invested in these tasks over the last three years.

Is your mechanism of data gathering and updating working well / sustainable?

Yes, we think it's working well.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

At the moment, the Cucurbits database is more complete not only in terms of Characterization Data, but also in terms of Passport Data. The main reason is the continuous work, based on making a comparison between EURISCO, European Central Cucurbits Database and On-line Genebank Resources. It's more dynamic but it requires more effort. I think the main goal of the European Central Crop Databases, in general, should focus on collecting characterization and evaluation data belonging to most species as well as other useful information for breeders and users. In my opinion, this task is unaffordable in terms of a centralized database like EURISCO, containing a huge quantity of datasets belonging to different crops. I think EURISCO should focus on passport data and the management of these data using new GPC technologies.

Do you have an idea about the use of your database and the appreciation of the users?

I have a visitor counter on our COMAV website, but it measures not only the European Databases Visitors, but also the COMAV website visitors in general. Now, the counter estimates that more than 245.000 people have visited our website during the last two years. I think it would be interesting to implement feedback mechanisms for gathering users' opinions and suggestions.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, we plan to continue maintaining the database in the next five years. We will get sufficient resources for these five years

ANY OTHER COMMENTS

Cultivated Potato

Name of the database	European Cultivated Potato Database
Homepage (URL)	http://www.europotato.org/menu.php
Date of creation	December 2006
Database manager	Heather Campbell
Email address of database manager	Heather.Campbell@sasa.gsi.gov.uk
Hosting institute	SASA, Edinburgh, UK

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	5771
Date of last update	October 2013
Estimated average age of the records in years (how long ago last updated on average)	7 years approximate (Some institutes have made no update since launch of the new format of the database (Dec 2006). Other institutes have updated some variety information since early 2007 when passwords were first sent to contributors)
Contributors	
Number of contributors	20 institutes currently have passwords, there is information from others on the site though, including institutes that no longer exist/maintain varieties
Is the list of contributors available online? (Yes/No)	Yes (as an index)
If yes, URL	http://www.europotato.org/sourceindex.php
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes *
If no, how many accessions from outside of Europe?	* There are varieties such as US and Canadian varieties that are maintained in collections of the contributors
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	No
If yes, which version (V1, 2001 / V2, 2012)	
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Listed on the site (Reports \Data dictionary)
Is the list of passport descriptors available on the site? (Yes/No)	Yes (included in Reports \Data dictionary)
If yes, URL	Homepage
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	advanced search http://www.europotato.org/search.php
How many / which descriptors?	7

Are passport data downloadable? (Yes/No)	No to general users, contributors can download the data for each character using the "export data" function
If yes,	
URL	
File type (Excel, Access..)	Excel CSV
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	87
Is the list of C&E descriptors available on the site? (Yes/No)	Yes (included in Reports \Data dictionary)
If yes, URL	Homepage
How many accessions have C&E data?	4302 (1269 only have administrative data, many are breeding lines)
How many data points are available?	
Are C&E data searchable online? (Yes/No)	Yes
If yes,	
URL	advanced search http://www.europotato.org/search.php
How many / which descriptors?	87 descriptors (see above)
Are C&E data downloadable? (Yes/No)	No to general users, contributors can download the data for each character using the "export data" function
If yes,	
URL	
File type (Excel, Access..)	Excel CSV

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	- quick search (variety name) and advanced search facility (e.g. colour of tuber, specific disease resistance level) - http://www.europotato.org/quick_search.php - Indexes (varieties, characters, countries, breeders, contributors, images) - Reports (core collections, synonyms, multiple accessions, timelines, participants, data dictionary) - Feedback page for specific queries

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Less than would be expected due to staffing levels within the team at SASA – approximately 40 hours

Is your mechanism of data gathering and updating working well / sustainable?

Each institute is responsible for updating or adding information for their institute. SASA (as manager of the database) can review the updates before final publication. Any updates to varieties that differ from previous entries to the site for that variety are highlighted by the site and the contributor can be contacted to query the update. An example of this would be if three institutes recorded a red tuber colour and a new update was added for the variety listing it as a blue tuber.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

There are many users of the ECPD site from a number of countries, however for those familiar with EURISCO it could alert them to information on potato varieties that they may not know was available.

Do you have an idea about the use of your database and the appreciation of the users?

Site is used by a wide range of users from those looking for information on heritage varieties, hobby gardeners searching for varieties to grow in their garden/allotment, and breeders searching for where specific varieties are maintained so they can obtain them for their work.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, staffing levels are resolved at present so there is more time available for updating varieties we maintain at SASA. Having corresponded with other contributors previously they mainly have the same issues when it comes to updating/adding data – i.e. lack of time/staff availability.

ANY OTHER COMMENTS

Dactylis

Name of the database	**European *Dactylis* Database**
Homepage (URL)	https://www.google.com/fusiontables/DataSource?docid=14k3aRANVFuDN7_PFjNLDICvYXgVO5SxKe1p0NR8#rows:id=1 (Google Fusion Table)
Date of creation	1995
Database manager	Bartosz Tomaszewski
Email address of database manager	bartosz_tomaszewski@op.pl
Hosting institute	Botanical Garden of IHAR, Poland

Current number of accessions (December 2013)	12 262
Date of last update	2013
Estimated average age of the records in years (how long ago last updated on average)	26
Contributors	
Number of contributors	23
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V2
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Specific forage descriptors
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	Homepage - setting filters
How many / which descriptors?	*Multi-crop Passport Descriptor List*
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	Homepage (File\Download)
File type (Excel, Access..)	CSV

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

About 125 hours.

Is your mechanism of data gathering and updating working well / sustainable?

My mechanism of data gathering and updating is working well.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

European Dactylis Database is the key tool for the management of collection and helpful in promoting the utilization of genetic resources and the regional coordination of conservation activities.

Do you have an idea about the use of your database and the appreciation of the users?

European Databases are a rich source of knowledge about plant genetic resources gathered there. Many of them could potentially be initial materials for breeding new varieties.

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Botanical Garden of National Centre of Plant Genetic Resources is planning to continue maintaining the database in the next five years.

ANY OTHER COMMENTS

Eggplant

IDENTIFICATION

Name of the database	**ECPGR Eggplant Database**
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/eggplant.html
Date of creation	2001
Database manager	Gerard van der Weerden
Email address of database manager	G.vanderWeerden@science.ru.nl
Hosting institute	Experimental Garden and Genebank, Radboud University Nijmegen, The Netherlands

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	5986
Date of last update	2012
Estimated average age of the records in years (how long ago last updated on average)	3-4 years
Contributors	
Number of contributors	25
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://www.ru.nl/bgard/about_solanaceae/ecpgr_solanaceae/
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V2, 2012
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO descriptors EGGNET descriptors
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://www.ru.nl/bgard/about_solanaceae/ecpgr_solanaceae/
Are passport data searchable online? (Yes/No)	Yes (limited number)
If yes,	
URL	http://www.bgard.science.ru.nl/zapp/eggsearch/index/search/

How many / which descriptors?	9 (Accession) number, Accession name, Received as, Genus, Subgenus, Species, Section, Institute code, Country of origin
Are passport data downloadable? (Yes/No)	No (printable per accession)
If yes,	
URL	
File type (Excel, Access..)	
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	10 minimum descriptors plus 34 additional ones
Is the list of C&E descriptors available on the site? (Yes/No)	Yes as PDF file
If yes, URL	http://www.ru.nl/bgard/about_solanaceae/ecpgr_solanaceae/
How many accessions have C&E data?	768 with characterization data and 287 with evaluation data
How many data points are available?	5986 (accessions) 80 data points per accession
Are C&E data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.bgard.science.ru.nl/zapp/eggsearch/index/search/
How many / which descriptors?	10 minimum descriptors (Plant growth habit, Number of leaves prickles, Fruit length, Fruit diameter, Fruit predominant colour, Fruit additional colour, Fruit colour distribution, Fruit flesh colour, Fruit calyx prickles, Fruit anthocyanins colour underneath calyx) Evaluation data as PDF files. PDF not searchable
Are C&E data downloadable? (Yes/No)	No (data printable per accession)
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	● Pictures ● Link to Solanaceae literature database (www.solanaceae.nl) ● Link to other relevant Solanaceae sites

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

60-80 hours

Is your mechanism of data gathering and updating working well / sustainable?

Yes

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Not that much, there is a lot of overlap. Maybe with adding some extra fields in EURISCO all relevant information can be uploaded to EURISCO.

Do you have an idea about the use of your database and the appreciation of the users?

I think the use will be very low because users directly contact the holder or institute to see what they can get. I never got some information whether or not the database is appreciated by the user.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

In a few years I will retire. At that time the board of our institute has to decide about my succession and the future of our Solanaceae collection. I expect there will be by one way or another a continuation of the current activities.

ANY OTHER COMMENTS

Festuca

IDENTIFICATION

Name of the database	**European *Festuca* Database**
Homepage (URL)	https://www.google.com/fusiontables/DataSource?docid=1Lcsf7_nAJbViL14dnp1PR4Eu9mY8EMmoC1n1kZY#chartnew:id=10 (Google Fusion Table)
Date of creation	1995
Database manager	Bartosz Tomaszewski
Email address of database manager	bartosz_tomaszewski@op.pl
Hosting institute	Botanical Garden of IHAR, Poland

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	13 721
Date of last update	2013
Estimated average age of the records in years (how long ago last updated on average)	26
Contributors	
Number of contributors	24
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V2
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Specific forage descriptors
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	Homepage - setting filters
How many / which descriptors?	*Multi-crop Passport Descriptor List*
Are passport data downloadable (Yes/No)	Yes
If yes,	
URL	Homepage (File\Download)
File type (Excel, Access..)	CSV

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

About 130 hours.

Is your mechanism of data gathering and updating working well / sustainable?

My mechanism of data gathering and updating is working well.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

European Festuca Database is the key tool for the management of collection and helpful in promoting the utilization of genetic resources and the regional coordination of conservation activities.

Do you have an idea about the use of your database and the appreciation of the users?

European Databases are a rich source of knowledge about plant genetic resources gathered there. Many of them could potentially be initial materials for breeding new varieties.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Botanical Garden of National Centre of Plant Genetic Resources is planning to continue maintaining the database in the next five years.

ANY OTHER COMMENTS

Flax

Name of the database	International Flax Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/flax.html
Date of creation	1994
Database manager	Martin Pavelek
Email address of database manager	pavelek@agritec.cz
Hosting institute	AGRITEC Ltd., Šumperk, Czech Republic

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	11 141
Date of last update	February 1, 2012
Estimated average age of the records in years (how long ago last updated on average)	8 (1385 records – 20 years 7000 records – 8 years 2504 records – 2 years)
Contributors	
Number of contributors	22 genebanks from 15 countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	Homepage (included in "Updated IFDB report 2012")
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	No
If no, how many accessions from outside of Europe?	369 (USA) (according to "Updated IFDB report 2012")
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V2 2012
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	Homepage (included in "Updated IFDB report 2012")
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	Homepage
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	7 STEMLENGTH, COROLLASIZE, FLOWERSHAPE, PETALCOLOR, ANTHERCOLOR, TSW, SEEDCOLOR
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	Homepage (included in "Updated IFDB report 2012")
How many accessions have C&E data?	Rough estimate: 1577 (5 collections: HUN 418, ITA 761, LVA 104, PRT 47, ROM 247)
How many data points are available?	9366 (rough estimate as not all descriptors are filled in all records) HUN – 6 descriptors x 418 records = 2508 data points ITA – 6 descriptors x 761 records = 4566 LVA – 7 descriptors x 104 records = 728 PRT – 7 descriptors x 47 records = 329 ROM – 5 descriptors x 247 records = 1235
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	Homepage
File type (Excel, Access..)	Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Approximately 176 hours per year

Is your mechanism of data gathering and updating working well / sustainable?

Not so much. Data providing is not continuous, rather abruptly based on manager's request

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

C&E data: in addition to those already present, it is planned to include as many C&E data as possible and to request additional C&E from the respective genebanks.

Information about geographical origin with regard to landraces, breeding lines, commercial varieties

Do you have an idea about the use of your database and the appreciation of the users?

As far as linseed is concerned it is necessary to investigate the substances contained in the seeds (fatty acids, lignans, cyanogenic glycosides) which are important for various uses of linseed in different branches (food industry, feeding industry, health care) a.s.o.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, I would like to continue the work with International Flax Data Base. However in AGRITEC Ltd. there is hardly any capacity to develop the respective software to make the IFDB accessible online. Previous bilateral German–Czech project concerning this topic did not receive any financial support from Bioversity International and this support was allocated to AEGIS development.

ANY OTHER COMMENTS

Glycine

Name of the database	European *Glycine* Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/glycine.html
Date of creation	1995
Database manager	Margarita Vishnyakova
Email address of database manager	m.vishnyakova@vir.nw.ru
Hosting institute	VIR, St. Petersburg, Russian Federation

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	12 893
Date of last update	2012
Estimated average age of the records in years (how long ago last updated on average)	
Contributors	
Number of contributors	11
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/glycine.html and http://www.vir.nw.ru/glycine/glycin/descr.php
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	-
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	no
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://www.vir.nw.ru/glycine/glycin/descr.php
Are passport data searchable online? (Yes/No)	Yes
If yes, URL	http://www.vir.nw.ru/glycine/glycin/find1.php

How many / which descriptors?	4 instcode, species, accname, origcty
Are passport data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Is your mechanism of data gathering and updating working well / sustainable?

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Do you have an idea about the use of your database and the appreciation of the users?

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

ANY OTHER COMMENTS

Groundcherry

IDENTIFICATION

Name of the database	ECPGR Groundcherry Database
Homepage (URL)	http://www.comav.upv.es/index.php?option=com_wrapper& view=wrapper&Itemid=280&lang=en
Date of creation	2010
Database managers	José Vicente Valcárcel and José Miguel Blanca
Email address of database managers	jvalcarc@btc.upv.es jblanca@btc.upv.es
Hosting institute	COMAV, Valencia, Spain

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	294
Date of last update	2010 (six months after creation)
Estimated average age of the records in years (how long ago last updated on average)	3.5
Contributors	
Number of contributors	9
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	homepage Contributors http://158.42.125.239/physalis_contributors.html
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	homepage Database description http://158.42.125.239/physalis_databasedescription.html
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	homepage On-line - search http://158.42.125.239/physalis_index.asp
How many / which descriptors?	27 (all except Remarks)

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	homepage Off-line - download http://158.42.125.239/physalis.zip
File type (Excel, Access..)	Access
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

This database is small and has not required more than a few hours to correct small errors in recent years.

Is your mechanism of data gathering and updating working well / sustainable?

Yes, it's working well.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

The main goal of the European Central Crop Databases, in general, should focus on collecting characterization and evaluation data belonging to most species as well as other useful information for breeders and users. In my opinion this task is unaffordable in terms of a centralized database like EURISCO, containing a huge quantity of datasets belonging to different crops. I think

EURISCO should focus on passport data and the management of these data using new GPC technologies.

Do you have an idea about the use of your database and the appreciation of the users?

I have a visitor counter on our COMAV website, but it measures not only the European Databases Visitors, but also the COMAV website visitors in general. Now, the counter estimates that more than 245.000 people have visited our website during the last two years. I think it would be interesting to implement feedback mechanisms for gathering users' opinions and suggestions.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, we plan to continue maintaining the database in the next five years. We will get sufficient resources for these five years

ANY OTHER COMMENTS

Lactuca

Name of the database	International *Lactuca* Database
Homepage (URL)	http://documents.plant.wur.nl/cgn/pgr/ildb/
Date of creation	2007/2008
Database manager	Rob van Treuren and Frank Menting
Email address of database manager	robbert.vantreuren@wur.nl frank.menting@wur.nl
Hosting institute	CGN, Wageningen, The Netherlands

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	11 697
Date of last update	19 November 2010
Estimated average age of the records in years (how long ago last updated on average)	6.3
Contributors	
Number of contributors	30
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/ildb/con_cont.asp
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	No
If no, how many accessions from outside of Europe?	IRN 28 USA 1162
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO modified: National Inventory code removed and 2 descriptors added (Sub crop type, File generation date)
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/ildb/descriptors.htm
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/ildb/searchform.asp
How many / which descriptors?	8 Genus, Species, Subtaxon, Subcrop type, Country of origin, Status of sample, (part of) the accession name, (part of) the accession number

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/ildb/download.htm
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	50-100
Is the list of C&E descriptors available on the site? (Yes/No)	No
If yes, URL	
How many accessions have C&E data?	1143
How many data points are available?	Many, organized in 34 separate Excel files
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/ildb/download.htm
File type (Excel, Access..)	Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	• Overview of included species • Search form provides possibility to search for accessions with research data

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

0

Is your mechanism of data gathering and updating working well / sustainable?

No

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Accession information of collections from outside Europe
Contact details of collection holders
C&E data

Do you have an idea about the use of your database and the appreciation of the users?

No

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

The ECPGR Working Group on Leafy Vegetables recently decided no longer to invest in the database. The databases will be maintained as long as they provide added value to EURISCO.

ANY OTHER COMMENTS

Lens

Note: data collected by compiler, not corrected by the DB manager

Name of the database	European *Lens* Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/lens.html
Date of creation	
Database manager	Necla Tas (currently acting for Lerzan Gül Aykas)
Email address of database manager	tasnecla@hotmail.com (lerzanaykas@yahoo.com)
Hosting institute	AARI, Izmir, Turkey

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	4598 (Excel file downloadable from above homepage) but 8095 (in: report 5th meeting Grain Legumes WG, 2013)
Date of last update	2002 (date of Excel file) But "updated in 2010 by download from EURISCO" (in: report 5th meeting GL WG, 2013)
Estimated average age of the records in years (how long ago last updated on average)	
Contributors	
Number of contributors	
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	
Are other passport descriptors used? (Yes/No)	
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.etae.gov.tr/eng/Default.aspx?page=lenshome

How many / which descriptors?	8 Genus, Species, Institute name, Country of Origin, Location of Collection Side *(sic)*, Breeding Institute Code, Biological Status of Accession, Donor Institute Code
Are passport data downloadable? (Yes/No)	Yes (2002 version)
If yes,	
URL	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/lens.html
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Is your mechanism of data gathering and updating working well / sustainable?

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Do you have an idea about the use of your database and the appreciation of the users?

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

ANY OTHER COMMENTS

Lolium and Trifolium

Name of the database	European Central Crop Databases for *Lolium* & *Trifolium* (excluding *T. subterraneum*)
Homepage (URL)	(http://www.igergru.ibers.aber.ac.uk/Welcome/ECCDB/eccdb.htm) These pages are obsolete, need to be rewritten to comply with Aberystwyth University standards. In the meantime the Google Fusion Tables below are the most up-to-date version of the databases: Lolium https://www.google.com/fusiontables/DataSource?docid=1oGph7eHw8w2JnwBa117f_f_XB5U-I1D1SQykAYI#rows:id=18 Trifolium https://www.google.com/fusiontables/DataSource?docid=1AUsMbePHUHW_eKyNfnSxGAWEzw5sxuEwviSNYJA#rows:id=1
Date of creation	2002
Database manager	Ian D. Thomas
Email address of database manager	idt@aber.ac.uk
Hosting institute	IBERS, Aberystwyth University, UK

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	Trifolium: 17089 Lolium: 12090
Date of last update	10 Apr 2013
Estimated average age of the records in years (how long ago last updated on average)	1 All records were replaced with contents of EURISCO in Jan 2013 and then confirmed with other database managers at the ECPGR/AEGIS Forage workshop in Alnarp, Apr 2013.
Contributors	
Number of contributors	Trifolium: 52, Lolium: 37 European countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	Trifolium https://www.google.com/fusiontables/DataSource?docid=1VEzxMfhE8UMJ3A8EhnLzMChbmtburOuVWN0US80 Lolium https://www.google.com/fusiontables/DataSource?docid=1uKb8WHfA8RoD6wS2RA_3-45IXa6At73X16MQn4A
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	Trifolium: 1493 Lolium : 549

Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V2
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Forage specific
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	https://docs.google.com/document/d/1-4L4vu_YaBBOSkMZMN_f85xqvDXRhiT838CGgYONQAo/edit?usp=sharing
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	*Lolium* https://www.google.com/fusiontables/DataSource?docid=1oGph7eHw8w2JnwBa117f_f_XB5U-I1D1SQykAYI *Trifolium (*excluding *subterraneum)* https://www.google.com/fusiontables/DataSource?docid=1AUsMbePHUHW_eKyNfnSxGAWEzw5sxuEwviSNYJA
How many / which descriptors?	All
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	See above
File type (Excel, Access..)	.CSV, .KML (full or summary).
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	Information of Originality, Primary Collection and potential candidate of EFC.

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

100 hrs per year.

Is your mechanism of data gathering and updating working well / sustainable?

Usually harvest from Eurisco.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Originality, Primary Collection.

Do you have an idea about the use of your database and the appreciation of the users?

No.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes.

ANY OTHER COMMENTS

Lupinus

Name of the database	**European Central *Lupinus* Database**
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/lupinus.html
Date of creation	1995
Database manager	Paweł Barzyk
Email address of database manager	pawel.barzyk@phr.pl
Hosting institute	Poznań Plant Breeders, Ltd., Poland

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	13 964
Date of last update	2013
Estimated average age of the records in years (how long ago last updated on average)	all records were updated 2010-2013
Contributors	
Number of contributors	13 centres from 10 countries
Is the list of contributors available online? (Yes/No)	No (but included in downloadable pdf file)
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	No 8 European countries = 57% data
If no, how many accessions from outside of Europe?	AUS 4665 USA 1293
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	(subset of 10 descriptors) INSTCODE, ACCENUMB, GENUS, SPECIES, SUBTAXA, ACCENAME, DONOR, DONORCODE, ORIGCTY, SAMPSTAT
If yes, which version (V1, 2001 / V2, 2012)	
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	No (but included in downloadable pdf file)
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.igr.poznan.pl/en/links/biologiczne-bazy-danych European Central *Lupinus* Database
File type (Excel, Access..)	PDF
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	Taxonomy

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

24 days/year

Is your mechanism of data gathering and updating working well / sustainable?

Yes

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Database on the genus Lupinus

Do you have an idea about the use of your database and the appreciation of the users?

Available to members of International Lupinus Association

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes

ANY OTHER COMMENTS

Maize

Name of the database	ECPGR Maize Database
Homepage (URL)	http://www.mrizp.rs/emdb/default-en.htm
Date of creation	1996
Database manager	Violeta Anđelković
Email address of database manager	avioleta@mrizp.rs
Hosting institute	Maize Research Institute "Zemun Polje", Belgrade, Serbia

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	11 865
Date of last update	October 2013
Estimated average age of the records in years (how long ago last updated on average)	The last update was 5 years ago; I do not know about earlier updates.
Contributors	
Number of contributors	15 contributors from 13 European countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://www.mrizp.rs/emdb/contributors-en.htm
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	(811 accessions with country of origin outside of Europe)
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Earlier version of *Multi-crop Passport Descriptor List* (21 descriptors) + FAO VIEWS descriptors (6)
Is the list of passport descriptors available on the site? (Yes/No)	Yes (included in pdf file "Database description")
If yes, URL	http://www.mrizp.rs/emdb/default-en.htm
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.mrizp.rs/emdb/maize-search-en.php
How many / which descriptors?	2 country of origin, status of sample

Are passport data downloadable (Yes/No)	Yes
If yes,	
URL	http://www.mrizp.rs/emdb/default-en.htm
File type (Excel, Access..)	Access
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	27 (characterization 19, evaluation 8)
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://www.mrizp.rs/emdb/default-en.htm (included in pdf file "Database description")
How many accessions have C&E data?	2178
How many data points are available?	34848
Are C&E data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.mrizp.rs/emdb/maize-search-en.php
How many / which descriptors?	2 Kernel type, kernel colour
Are C&E data downloadable (Yes/No)	Yes
If yes,	
URL	http://www.mrizp.rs/emdb/default-en.htm
File type (Excel, Access..)	Access

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

I am full time employed as Head of maize genebank, coordinating all activities related to that, including database, and it is not possible to separate that and calculate exact number of hours per year.

Is your mechanism of data gathering and updating working well / sustainable?

I have received new data in 2008 from donor Institutions for EMDB and they have been updated.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

The information from Serbian collection which is available on www.mrizp.rs is available in EURISCO too. I cannot comment this topic, because EURISCO is working through National focal points, elected by Ministry of Agriculture and communication is not always satisfactory and fruitful with them, from my point of view.

Do you have an idea about the use of your database and the appreciation of the users?

Yes, we had requests and questions related to accessions that are fully characterized, and for some accessions from donor Institutions and we have redirected request to that Institutions.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, we are planning to continue with maintenance and improvement. Up to now, financial support for maintaining the database, and the other activities about genebank was provided by my Institute, and very seldom it was partly financed by Ministry.

ANY OTHER COMMENTS

As I mentioned, I am not receiving much information from ECPGR, since I attended the last Meeting of the Cereals Network (and the first meeting for myself) in 2008, in Turkey. There is no Maize Working Group in ECPGR so I am somehow isolated from all related activities. That is the reason why application and implementation of the other new activities is not working well. I am aware about present importance/no importance of maize for EU, particularly because of high influence of private companies (more than for any other crops) and probably less interest for maize genetic resources in EU.

Malus

Name of the database	European *Malus* Database
Homepage (URL)	http://www.nationalfruitcollection.org.uk/ecpgr.php
Date of creation	1997
Database manager	Matthew Ordidge
Email address of database manager	m.ordidge@reading.ac.uk
Hosting institute	National Fruit Collections, UK

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	21 600
Date of last update	1998
Estimated average age of the records in years (how long ago last updated on average)	15
Contributors	
Number of contributors	34 institutes from 13 countries
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	additional Malus-specific
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.nationalfruitcollection.org.uk/ecpgr.php
File type (Excel, Access..)	Access

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No (see "Any other comments")
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	No
If yes, URL	
How many accessions have C&E data?	None
How many data points are available?	0
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Few (possibly 20)

Is your mechanism of data gathering and updating working well / sustainable?

The mechanism of updating relies upon the database utilising developments made to our own National database. This avoids duplication of effort but means that the ECPGR specific development cannot easily be prioritised. Data updates are reliant upon response from ECPGR members (which was low on the last request).

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

The database offers the opportunity to address more complex matters specific to the crop; specifically matters of naming and particularly synonymy and homonymy. Current development has been based on attempts to bring together the extensive, and complex, lists of synonyms from across Europe such that accessions held under different names can be identified as representatives of the same variety whilst retaining their local accession name.

Do you have an idea about the use of your database and the appreciation of the users?

No

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

We are intending to continue to develop the database, however, no specific resources are made available for this. The work forms a component of our overall scientific curation of the UK collections but, since the actions are not specifically funded, it can be a challenge to prioritise work in this area.

ANY OTHER COMMENTS

I think the CCDBs offer a valuable addition to EURISCO, in that they hold the ability to address crop specific issues, such as the issues of synonymy above (accepting that synonymy itself will be a challenge in many crops but that expertise will be likely to be limited to crop specific experts).

Clearly, if the CCDBs are to offer this additional value, they need to be (at least in our case) better aligned with EURISCO. The focus of our current efforts has been: to develop the structure of the on-line database that the ECPGR Malus DB can follow (this is in place and has been developed through the development of our own national DB); to bring together the lists of available synonyms such that accessions can be correctly associated as far as possible (this is in progress); to update the lists based on these new lists of searchable synonyms (updated lists have been received, albeit from limited member countries and these will be updated as soon as the synonym lists are ready, further updates were proposed to be carried out using EURISCO as a list and these will be carried out in the future).

Regarding C&E data, we state above that the database does not currently hold these data. However, the major reason for this is that no C&E data have yet been supplied for inclusion by the members. Our own national database (www.nationalfruitcollection.org.uk) which will form the basic structure for the ECPGR Malus DB does include C&E data for our own collection and these data are searchable on-line so the database structure does hold the capacity, if not the data. I would expect that if data are made available from members these could be readily included within this system.

Medicago Annual

Name of the database	Annual *Medicago* Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/annual_medicago.html
Date of creation	1985
Database manager	Valentin Maya Blanco
Email address of database manager	valentin.maya@gobex.es
Hosting institute	CICYTEX, Badajoz, Spain

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	4767 (in Excel file)
Date of last update	March 2013
Estimated average age of the records in years (how long ago last updated on average)	0.75 year
Contributors	
Number of contributors	12
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://centrodeinvestigacionlaorden.gobex.es/transferencia-de-tecnologia/publicaciones/895/eccdb-annual-medicago-march-2013
File type (Excel, Access..)	Excel

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

15 hours

Is your mechanism of data gathering and updating working well / sustainable?

I believe that the mechanism doesn´t work because the genebanks don´t update their accessions (only the Spanish genebank). It´s very difficult to work in these conditions.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

I think it´s very practical and useful

Do you have an idea about the use of your database and the appreciation of the users?

No

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

I'm planning to continue maintaining the database but my institute has reduced the staff and I need to do overtime to maintain the databases

ANY OTHER COMMENTS

Medicago Perennial

Name of the database	European Perennial *Medicago* Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/perennial_medicago.html
Date of creation	first version ca. 1995, completely restructured and updated in 2013
Database manager	Stéphane Fourtier
Email address of database manager	stephane.fourtier@lusignan.inra.fr
Hosting institute	CRG INRA, Lusignan, France

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	7928
Date of last update	2013
Estimated average age of the records in years (how long ago last updated on average)	10-15
Contributors	
Number of contributors	42 European genebanks
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used (Yes/No)	Yes
If yes, which?	Based on the descriptor list of the European Central *Poa* Database from IPK 12/2010 (includes forage-specific descriptors + AEGIS descriptors)
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/perennial_medicago.html
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

During the three last years I restarted a work interrupted since more than 10 years, I spent a lot of time reorganizing files and managing data under database software: I think I spent more than 3 months on the European Perennial Medicago database.

Is your mechanism of data gathering and updating working well / sustainable?

The process of gathering is not operational at all: I have asked for a positive list of active contributors but no one seems able to provide this.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Additional forage-specific descriptors

Do you have an idea about the use of your database and the appreciation of the users?

No feedback

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, depending on the implication of contributors to transmit updated files.

ANY OTHER COMMENTS

C&E data for the French Forage and turf genetic resource collection are available from Siregal, the Plant Genetic Resources Information System of the National Institute for Agronomical Research (INRA).

Minor Forage Grasses

Name of the database	Minor Forages Grasses Database
Homepage (URL)	http://www.nordgen.org/ecpgr/scope/ecpgr/pages/entry_minor_grasses.html
Date of creation	2010 (The data base was created by pooling older data bases for specific genera and an older, smaller version of the minor grasses. Components of the data base date back to the 1980s)
Database manager	Anna Palmé
Email address of database manager	anna.palme@nordgen.org
Hosting institute	NordGen, Alnarp, Sweden

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	4631
Date of last update	May 2013
Estimated average age of the records in years (how long ago last updated on average)	We do not track the dates of the updates so I cannot answer this
Contributors	
Number of contributors	41 (based on number of instcodes)
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://www.nordgen.org/ecpgr/scope/ecpgr/files/minor_grasses_institutes.txt
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes, held in European gene banks. (Though part of the collection is originally collected in countries outside Europe)
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	Created using V1, but included descriptors COLLNAME and MLSSTAT from V2
Are other passport descriptors used? (Yes/No)	Yes

If yes, which?	Descriptors specific to NordGen's data base or descriptors decided on by the ECPGR Forage Working Group: Dupldate Breedmet Grahabit Aspect Slope Sitephys Seedavail Efc aegis Originality Ploidy Recdat Primcoll Primcoll gb Originality gb Efc date entered Efc date withdrawn
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	Homepage (MCPD list in pdf file "Database description")
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.nordgen.org/ecpgr/index.php?app=data_unit&unit=ecpgr_minor_grasses&thema=minor_grasses
How many / which descriptors?	All
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.nordgen.org/ecpgr/scope/ecpgr/files/minor_grasses.txt
File type (Excel, Access..)	ASCII (.txt)
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

The time spent on this data base has not been separated from the work done on the Phleum data base or from the AEGIS work, so it is not possible to give an exact number. Taken together, the average time spent per year on these in the last 3 years is 150 h/year. The part that is strict data base work on Minor Grasses is perhaps about 40 h per year.

Is your mechanism of data gathering and updating working well / sustainable?

The data base is not updated at specific time intervals and when requests were sent asking for updates before April 2013 (the report from the ECPGR/AEGIS Forage work shop 2 http://www.ecpgr.cgiar.org/fileadmin/www.aegis.org/Documents/GRANT_REPORTS/SECOND_CALL/Final_reports_second_call/Report_AEGIS_Forage_WS2_FINAL_2013.pdf), only some institutes sent updates. This means that data from some collection holders is not updated. To have a sustainable updating all holding institutes need to send updates at regular intervals.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

The data base has played an important role in the identification of AEGIS candidates within the ECPGR Forage Working Group. Within the scope of this work I have received updates from several holding institutes, see table 1 in the report from the ECPGR/AEGIS Forage work shop 2; 9-11.4.2013, NordGen, Alnarp, Sweden (http://www.ecpgr.cgiar.org/fileadmin/www.aegis.org/Documents/GRANT_REPORTS/SECOND_CALL/Final_reports_second_call/Report_AEGIS_Forage_WS2_FINAL_2013.pdf). Descriptors to aid this process have been added to the data base and also some descriptors describing the habitat in the collection site.

Do you have an idea about the use of your database and the appreciation of the users?

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

We are planning to maintain the data base in the future. Minor updates are planned but we do not have the time and resources to spend a lot of effort on these data bases. Most of the work in the past 3 years has been connected to the AEGIS work in the ECPGR Forage working group.

ANY OTHER COMMENTS

The data base is also available as a google fusion table created to facilitate the identification of AEGIS candidates
(https://www.google.com/fusiontables/DataSource?docid=1I3cvnRJMQjiQQ7o2XrbNS7cy1FCEVE O2xaHkbVo#rows:id=13)
Some updates made in this version of the data base have not yet been implemented in version on NordGen's home page

Minor Forage Legumes

Note: data collected by compiler, not corrected by the DB manager

Name of the database	**European Minor Forages Legumes Database**
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/minor_forage_legumes.html
Date of creation	
Database manager	Lajos Horváth
Email address of database manager	lhorvath@mail.nodik.hu
Hosting institute	RCAT, Tápiószele, Hungary

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	18 746
Date of last update	
Estimated average age of the records in years (how long ago last updated on average)	
Contributors	
Number of contributors	
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.nodik.hu/nodik/?page_id=196
File type (Excel, Access..)	
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Is your mechanism of data gathering and updating working well / sustainable?

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Do you have an idea about the use of your database and the appreciation of the users?

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

ANY OTHER COMMENTS

Minor Fruit Trees

Name of the database	European Central Minor Fruit Trees Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/minor_fruit_trees.html
Date of creation	1996
Database manager	Edgardo Giordani
Email address of database manager	edgardo.giordani@unifi.it
Hosting institute	Department of Agri-Food and Environmental Science, University of Florence, Italy

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	1381
Date of last update	1999
Estimated average age of the records in years (how long ago last updated on average)	14
Contributors	
Number of contributors	11 institutions from 4 European countries - partners of GEN RES 29 EC Project
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://www.unifi.it/ueresgen29/parteng.htm
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	No
If yes, which version (V1, 2001 / V2, 2012)	
Are other passport descriptors used? (Yes/No)	YES
If yes, which?	(see below)
Is the list of passport descriptors available on the site? (Yes/No)	YES, on a crop basis
If yes, URL	http://www.ueresgen29.unifi.it/
Are passport data searchable online? (Yes/No)	(No) only predefined datasets: crop type (species), passport data (7 descriptors), institutions, environment of collecting site, statistics http://www.unifi.it/ueresgen29/netdbase/db1.htm
If yes,	
URL	
How many / which descriptors?	

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/minor_fruit_trees.html
File type (Excel, Access..)	Access (zip)
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	First characterization: 4 descriptors common to all species Further characterization: different according to species (see below)
Is the list of C&E descriptors available on the site? (Yes/No)	YES, on a crop basis
If yes, URL	http://www.ueresgen29.unifi.it/
How many accessions have C&E data?	Around 1000
How many data points are available?	
Are C&E data searchable online? (Yes/No)	NO
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	NO
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	The website holds a description and pictures of the 16 species.

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

5

Is your mechanism of data gathering and updating working well / sustainable?

No; no new project on the same topic

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

More detailed description of some neglected species

Do you have an idea about the use of your database and the appreciation of the users?

Many researchers and farmers contacted me (e.g. on persimmon) asking for more data on the accessions and on their availability; I would say I'm very satisfied with the impact of the db on "public" awareness about minor fruit tree species

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

No resources so no chance to update, modify, improve the db; participation to ec calls will be the unique possible way to get funding

ANY OTHER COMMENTS

Minor Leafy Vegetables

IDENTIFICATION

Name of the database	**International Minor Leafy Vegetables Database**
Homepage (URL)	http://documents.plant.wur.nl/cgn/pgr/minorlv/
Date of creation	2008
Database manager	Ulrike Lohwasser
Email address of database manager	lohwasse@ipk-gatersleben.de
Hosting institute	the DB is maintained by IPK Gatersleben, Germany and hosted by CGN, The Netherlands

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	4493
Date of last update	2011
Estimated average age of the records in years (how long ago last updated on average)	During the project running time (2007-2010) yearly, and once again in 2011
Contributors	
Number of contributors	57 institutions
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/minorlv/con_cont.asp
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	No
If no, how many accessions from outside of Europe?	USA 1475
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO modified: National Inventory code removed and 2 descriptors added (Sub crop type, File generation date)
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/minorlv/descriptors.htm
Are passport data searchable online? (Yes/No)	Yes
If yes,	Yes
URL	http://documents.plant.wur.nl/cgn/pgr/minorlv/searchform.asp

How many / which descriptors?	8 Genus, Species, Subtaxon, Subcrop type, Country of origin, Status of sample, (part of) the accession name, (part of) the accession number
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/minorlv/download.htm
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	For Eruca 6 minimum descriptors (Growth habit at harvest maturity, Leaf shape, Leaf margin, Colour of leaves, Colour of flowers, Veniation of the petals) For Valerianella 6 (Growth habit at harvest maturity, Leaf shape, Leaf margin, Colour of leaves, Leaf glossiness, Leaf blistering) but all partners could add more if they give a correct description. For Atriplex 10 descriptors but this was a single action of one partner.
Is the list of C&E descriptors available on the site? (Yes/No)	No (but in the downloadable Excel files)
If yes, URL	
How many accessions have C&E data?	192
How many data points are available?	For characterization 1059 for Eruca, 322 for Valerianella and 190 for Atriplex For evaluation 1002 for Eruca
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/minorlv/download.htm
File type (Excel, Access..)	Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	• Overview of included species • Search form provides possibility to search for accessions with research data

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

1-2 days in 2011, no time in 2012 and 2013

Is your mechanism of data gathering and updating working well / sustainable?

It is very difficult to update the data because only few institutes give the opportunity to download the data directly. In all other cases you must send emails and often you get no answer.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Many C&E data available which could be added in EURISCO

Do you have an idea about the use of your database and the appreciation of the users?

No

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

See recommendation from the Report of a Working Group on Leafy Vegetables, Second Meeting, 8-9 October 2013, Ljubljana, Slovenia:
The leafy vegetable databases should be for the time being maintained online, but including a note that they are not going to be further updated, under the expectation that further developments will be made in EURISCO.

ANY OTHER COMMENTS

Pepino

Name of the database	ECPGR Pepino Database
Homepage (URL)	http://www.comav.upv.es/index.php?option=com_wrapper&view=wrapper&Itemid=283&lang=en
Date of creation	2010
Database manager	José Vicente Valcárcel and José Miguel Blanca
Email address of database manager	jvalcarc@btc.upv.es jblanca@btc.upv.es
Hosting institute	COMAV, Valencia, Spain

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	143
Date of last update	2010 (six months after creation)
Estimated average age of the records in years (how long ago last updated on average)	3,5
Contributors	
Number of contributors	4
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	homepage On-line - search http://158.42.125.239/pepinodulce_index.asp
How many / which descriptors?	27
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	homepage Off-line - download http://158.42.125.239/pepinodulce.mdb
File type (Excel, Access..)	Access

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

This database is small and has not required more than a few hours to correct small errors in recent years.

Is your mechanism of data gathering and updating working well / sustainable?

Yes, it's working well.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

The main goal of the European Central Crops Databases, in general, should focus on collecting characterization and evaluation data belonging to most species as well as other useful information for breeders and users. In my opinion this task is unaffordable in terms of a centralized database like EURISCO, containing a huge quantity of datasets belonging to different crops. I think EURISCO should focus on passport data and the management of these data using new GPC technologies.

Do you have an idea about the use of your database and the appreciation of the users?

I have a visitor counter on our COMAV website, but it measures not only the European Databases visitors, but also the COMAV website visitors in general. Now, the counter estimates that more than 245.000 people have visited our website during the last two years. I think it would be interesting to implement feedback mechanisms for gathering users' opinions and suggestions.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, we plan to continue maintaining the database in the next five years. We will get sufficient resources for these five years

ANY OTHER COMMENTS

Pepper

Note: data collected by compiler, not corrected by the DB manager

Name of the database	European Pepper Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list _of_germplasm_databases/crop_databases/crop_da tabase_windows/pepper.html
Date of creation	
Database manager	Necla Tas (currently acting for Lerzan Gül Aykas)
Email address of database manager	tasnecla@hotmail.com (lerzanaykas@yahoo.com)
Hosting institute	AARI, Izmir, Turkey

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	9133
Date of last update	
Estimated average age of the records in years (how long ago last updated on average)	
Contributors	
Number of contributors	
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	
Are other passport descriptors used? (Yes/No)	
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.etae.gov.tr/eng/Default.aspx?page=capsi cum
How many / which descriptors?	5 Species, Institute name, Country of origin, Collecting/acquisition source, Biological status

Are passport data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Is your mechanism of data gathering and updating working well / sustainable?

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Do you have an idea about the use of your database and the appreciation of the users?

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

ANY OTHER COMMENTS

Phaseolus

Name of the database	European *Phaseolus* Database
Homepage (URL)	http://www.genbank.at/en/ecpgr-phaseolus.html
Date of creation	1995
Database manager	Wolfgang Kainz
Email address of database manager	wolfgang.kainz@ages.at
Hosting institute	AGES, Linz, Austria

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	46 143
Date of last update	2013 04 25
Estimated average age of the records in years (how long ago last updated on average)	Some contributors send data immediately after call, others just once without any update
Contributors	
Number of contributors	42 institutes from 25 European countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://www.genbank.at/en/ecpgr-phaseolus/contributors.html
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://www.genbank.at/en/ecpgr-phaseolus/database-descriptors/passport-descriptor.html
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.genbank.at/en/ecpgr-phaseolus.html
How many / which descriptors?	9 Cropname, Institute Code, Species, Subtaxa, Country of origin, Status of Sample, Accession Number, Accession Name, Collection Site
Are passport data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	56
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://www.genbank.at/en/ecpgr-phaseolus/database-descriptors/phaseolus-descriptor.html
How many accessions have C&E data?	1077
How many data points are available?	51
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

| Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…) | Photos partly available

Proposal for photo documentation
http://www.genbank.at/en/ecpgr-phaseolus/database-descriptors/proposal-for-taking-photos.html |
|---|---|

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

About 60 hours per year

Is your mechanism of data gathering and updating working well / sustainable?

No, due to the presence of EURISCO there is very little willingness to send data to both EURISCO and ECPGR databases

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Photos and C&E data

Do you have an idea about the use of your database and the appreciation of the users?

DB is contacted 17 times per month in average

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

If C&E data cannot be included to EURISCO, the Phaseolus DB could be maintained for the next years.

ANY OTHER COMMENTS

Phleum

Name of the database	*Phleum* Database
Homepage (URL)	http://www.nordgen.org/ecpgr/scope/ecpgr/pages/entry_phleum.html
Date of creation	1985
Database manager	Anna Palmé
Email address of database manager	anna.palme@nordgen.org
Hosting institute	NordGen, Alnarp, Sweden

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	5739
Date of last update	May 2013
Estimated average age of the records in years (how long ago last updated on average)	We do not track the dates of the updates so I cannot answer this
Contributors	
Number of contributors	41 (based on number of instcodes)
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://www.nordgen.org/ecpgr/scope/ecpgr/files/phleum_institutes.txt
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes, held in European gene banks. (Though part of the collection is originally collected in countries outside Europe)
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	Created using V1, but included descriptors COLLNAME and MLSSTAT from V2
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Descriptors specific to NordGen's data base or descriptors decided on by the ECPGR Forage Working group: Dupldate Breedmet Grahabit Aspect Slope Sitephys Seedavail Efc Primcoll Originality Ploidy

Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	Homepage (MCPD list in pdf file "Database description)
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.nordgen.org/ecpgr/index.php?app=data_unit &unit=ecpgr_phleum&thema=phleum
How many / which descriptors?	All
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.nordgen.org/ecpgr/scope/ecpgr/files/phleum. txt
File type (Excel, Access..)	ASCII (.txt)
Characterization and evaluation data	
Do you include of characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

The time spent on this data base has not been separated from the work done on the Minor Grasses data base or from the AEGIS work, so it is not possible to give an exact number. Taken together, the average time spent per year on these in the last 3 years is 150 h/year. The part that is strict data base work on the Phleum data base is perhaps about 50 h per year.

Is your mechanism of data gathering and updating working well / sustainable?

The data base is not updated at specific time intervals and when requests were sent asking for updates before April 2013 (the report from the ECPGR/AEGIS Forage work shop 2 http://www.ecpgr.cgiar.org/fileadmin/www.aegis.org/Documents/GRANT_REPORTS/SECOND_CA

LL/Final_reports_second_call/Report_AEGIS_Forage_WS2_FINAL_2013.pdf), only some institutes sent updates. This means that data from some collection holders is not updated. To have a sustainable updating all holding institutes need to send updates at regular intervals.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

The data base has played an important role in the identification of AEGIS candidates within the ECPGR Forage Working Group. Within the scope of this work I have received updates from several holding institutes, see table 1 in the report from the ECPGR/AEGIS Forage work shop 2; 9-11.4.2013, NordGen, Alnarp, Sweden (http://www.ecpgr.cgiar.org/fileadmin/www.aegis.org/Documents/GRANT_REPORTS/SECOND_C ALL/Final_reports_second_call/Report_AEGIS_Forage_WS2_FINAL_2013.pdf). Descriptors to aid this process have been added to the data base and also some descriptors describing the habitat in the collection site.

Do you have an idea about the use of your database and the appreciation of the users?

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

We are planning to maintain the data base in the future. Minor updates are planned but we do not have the time and resources to spend a lot of effort on these data bases. Most of the work in the past 3 years has been connected to the AEGIS work in the ECPGR Forage working group.

ANY OTHER COMMENTS

The data base is also available as a google fusion table created to facilitate the identification of AEGIS candidates (https://www.google.com/fusiontables/data?docid=11OpD3Gi0_uquAhrxe2QYlrZhM3rKYdyWHNG Grco#rows:id=1) Some updates made in this version of the data base, such as addition of some new AEGIS process descriptors, have not yet been implemented in version on NordGen's home page.

Pisum

Note: data collected by compiler, not corrected by the DB manager

IDENTIFICATION

Name of the database	**European *Pisum* Database**
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/pisum.html
Date of creation	
Database manager	Mike Ambrose
Email address of database manager	mike.ambrose@jic.ac.uk
Hosting institute	JIC, Norwich, UK

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	32 503
Date of last update	2013 *(in: report 5th meeting GL WG, 2013)*
Estimated average age of the records in years (how long ago last updated on average)	
Contributors	
Number of contributors	43 from 26 European countries *(in: report 5th meeting GL WG, 2013)*
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	
Are other passport descriptors used? (Yes/No)	
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/pisum.html
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Is your mechanism of data gathering and updating working well / sustainable?

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Do you have an idea about the use of your database and the appreciation of the users?

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

ANY OTHER COMMENTS

Although the current version includes the USDA database, EURISCO will be used for database updates in the future, given that funds will be allocated to it. This will simplify the updating process and help saving time and resources. (in: report 5th meeting GL WG, 2013)

Poa

IDENTIFICATION

Name of the database	European *Poa* Database
Homepage (URL)	http://poa.ipk-gatersleben.de/apps/epdb/index.jsp (not updated since 2010) Latest version updated 2013 (Google fusion table prepared with the help of Ian Thomas, IBERS) https://www.google.com/fusiontables/DataSource?docid=1ZejSijEPVGmDLEc4ZjpdxfTaVlUKwwWfpGlo23k#chartnew:id=12
Date of creation	1995
Database manager	Evelin Willner
Email address of database manager	willner@ipk-gatersleben.de
Hosting institute	IPK Genbank Teilsammlungen Nord Malchow/Poel, Germany

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	6507 (in an Excel file)
Date of last update	09.04.2013 (Fusion Table version)
Estimated average age of the records in years (how long ago last updated on average)	1-2 years
Contributors	
Number of contributors	24 European countries / 30 institutions
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	last update 2010 http://poa.ipk-gatersleben.de/apps/epdb/instcode.jsp last updated version 2013 (Google fusion table) https://www.google.com/fusiontables/DataSource?docid=1ZejSijEPVGmDLEc4ZjpdxfTaVlUKwwWfpGlo23k#chartnew:id=12 see also http://www.ecpgr.cgiar.org/fileadmin/www.aegis.org/Documents/GRANT_REPORTS/SECOND_CALL/Final_reports_second_call/Report_AEGIS_Forage_WS2_FINAL_2013.pdf
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes (donor institutions)
If no, how many accessions from outside of Europe?	(594 accessions with country of origin outside of Europe: America, Asia, Africa)
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1/V2

Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	From forage descriptor list of our ECPGR WG on forages to habitat: COLLNAME, BREEDMET, GRAHABIT, ASPECT, SLOPE, SITEPHYS, and for MOS/AEGIS accession determination SEEDAVAIL, EFC, ORIGINALITY, PRIMCOLL, RECDATE, PLOIDY
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	(not yet updated since 2010) http://poa.ipk-gatersleben.de/apps/epdb/descriptors.jsp
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	(not yet updated since 2010) http://poa.ipk-gatersleben.de/apps/epdb/createMultipleDescriptorForm.jsp
How many / which descriptors?	11 Species (taxon), Accession number, Accession name (cultivar), Institution code, Country of origin, Status of sample, Original status, Breeding institute, Donor institute code, European Forage Collection, Primary collection
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://poa.ipk-gatersleben.de/apps/epdb/index.jsp and from Fusion Table (File\Download) https://www.google.com/fusiontables/DataSource?docid=1ZejSijEPVGmDLEc4ZjpdxfTaVIUKwwWfpGlo23k#chartnew:id=12
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data (Yes/No)	No, not yet in db, should follow in this winter, but we have a lot of C&E data for our accessions (DEU 271)
If yes,	
How many descriptors do you use?	It is different, depends on trial: Characterisation data are observed in combination with our regeneration (15 descriptors) Evaluation data in special trials (15-25 descriptors) over 2-3 years
Is the list of C&E descriptors available on the site (Yes/No)	Partly via GBIS/I under IPK homepage
If yes, URL	http://gbis.ipk-gatersleben.de/gbis_i/
How many accessions have C&E data?	C-data: total 1333 datasets with 9-17 characters observed in isolation plots in different years from 2000 to 2013
How many data points are available?	Data available as Excel-file upon request by curator; total 21,321 data points In archive additional data from a POA-project: - 2000-2002: 1,600 accessions with country of origin in Europe: 23 traits observed, total 36,800 data points - 2002-2004: 200 selected accessions with 15 traits, 3,000 data points

Are C&E data searchable online? (Yes/No)	Not yet, under construction
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Approx. 80-100 h per year

Is your mechanism of data gathering and updating working well / sustainable?

Well, but not completely satisfying. The updating procedure is too heavy and time-consuming. The positive point is that all curators now use the same db (EURISCO) for data exchange.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Forage-specific descriptors: SEEDAVAIL, EFC, ORIGINALITY, PRIMCOLL, DUPDATE, PLOIDY
These descriptors are useful for our Working Group on Forages and for the determination of AEGIS candidates.

Do you have an idea about the use of your database and the appreciation of the users?

On one hand, more and specific seed requests for Poa spp.
On the other hand, via POA-EDB a collecting mission was organised in Germany and Czech Republic in 2006 upon request of scientist and breeders from USA (Poa supina and other spp.)

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

I would like to continue maintaining the database if an IT-partner in IPK or the ECPGR Working Group on Forages can help me develop a better transfer system (procedure) for updates (faster replacement of old data with new ones). All is a question of time and money.

ANY OTHER COMMENTS

In my opinion, it is a great pity that I have so many C&E data which are not yet searchable online. The inclusion of C&E data was already discussed a long time ago and would be a great improvement.

Prunus

Name of the database	European *Prunus* Database
Homepage (URL)	Portal to 5 distinct databases (almond, apricot, cherry, peach, plum) http://www.bordeaux.inra.fr/euprunusdb/index.html Homepages of respective databases: Almond: http://www.bordeaux.inra.fr/eualmonddb/ Apricot: http://www.bordeaux.inra.fr/euapricotdb/ Cherry: http://www.bordeaux.inra.fr/eucherrydb/ Peach: http://www.bordeaux.inra.fr/eupeachdb/ Plum: http://www.bordeaux.inra.fr/euplumdb/
Date of creation	1983 at Nordgen, since 1994 at INRA-Bordeaux
Database manager	Marine Blouin
Email address of database manager	Marine.Blouin@bordeaux.inra.fr
Hosting institute	INRA, Bordeaux, France

CONTENTS AND STRUCTURE

Current number of accessions (January 2014)	Almond: 1003 Apricot: 1982 Cherry: 5585 Peach: 1479 Plum: 3530
Date of last update	Almond: January 2014 Apricot: January 2014 Cherry: January 2014 Peach: January 2014 Plum: January 2014
Estimated average age of the records in years (how long ago last updated on average)	Almond: 10 years Apricot: 10 years Cherry: 6 years Peach: 10 years Plum: 10 years
Contributors	
Number of contributors	Almond: 17 institutes from 12 countries Apricot: **18** institutes from **13** countries Cherry: **42** institutes from **17** countries Peach: **17** institutes from **12** countries Plum: **33** institutes from **16** countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	from each respective homepage
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	

Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	*"Passport data consist of a list of passport descriptors defined by the ECPGR Prunus working group (WG), plus the EURISCO descriptors, derived from the FAO-IPGRI Multi Crop Passport Descriptors."*
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	pdf file "Descriptors" available from each respective homepage
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	from each respective homepage (quick search, advanced search)
How many / which descriptors?	All descriptors (see advanced search page)
Are passport data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Not yet, but the structure is ready as indicated below
If yes,	
How many descriptors do you use?	*"Phenotypic data consist of characterisation and evaluation descriptors defined by the ECPGR Prunus WG and pictures of trees, fruits, flowers and leaves. Molecular data consist of descriptors describing both molecular markers (i.e. SSR primer sequences) and genotypes (i.e. in general 2 allele sizes for diploid species)."*
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	included in pdf file "Descriptors" available from each respective homepage
How many accessions have C&E data?	0
How many data points are available?	0
Are C&E data searchable online? (Yes/No)	Yes (from each respective homepage (advanced search)
If yes,	
URL	
How many / which descriptors?	All C&E descriptors defined by the *ECPGR Prunus WG*
Are C&E data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	From each respective homepage: • map (location of holding institutes) • "overall statistics" (total number of accessions per holder) • "statistics by species" (number of accessions per species per holder) • photo search • synonym search • user handbook • marker search • molecular data search

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

50 hours per year

Is your mechanism of data gathering and updating working well / sustainable?

It works but it is not so easy to use. It needs some technical work to solve remaining bugs and to improve the mechanism of data gathering and updating.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Prunus accessions from other institutes and some from other countries
A map giving the location of holding institutes
Statistics per country/holding institute/species
Potentially C&E data, including molecular data and pictures

Do you have an idea about the use of your database and the appreciation of the users?

Unfortunately no

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, we are planning to continue maintaining the database. Till now the database was maintained with the resources (technical and financial) of our unit. For the future:
- we are requesting to our department direction a technical support from URGI (INRA's genomics and informatics unit) for the new database manager.
- no specific budget will be allocated to maintain the database.

ANY OTHER COMMENTS

Pyrus

Note: Data below reflect the situation at end January 2014. The database will be migrated to another server in coming months; therefore the URLs will change.

Name of the database	European *Pyrus* Database
Homepage (URL)	http://pyrus.cra.wallonie.be/
Date of creation	1998
Database manager	Marc Lateur and Patrick Houben
Email address of database manager	lateur@cra.wallonie.be p.houben@cra.wallonie.be
Hosting institute	CRA-W (Walloon Agricultural Research Centre), Gembloux, Belgium

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	10 300
Date of last update	10/03/2010
Estimated average age of the records in years (how long ago last updated on average)	3.8 years
Contributors	
Number of contributors	49
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	"potential" contributing partners http://pyrus.cra.wallonie.be/members.php
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1, 2001
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Plant use (Fruit & Tree), Parentage (*Pyrus*-specific), Synonyms
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://pyrus.cra.wallonie.be/passport.php
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://pyrus.cra.wallonie.be/searchMenu.php
How many / which descriptors?	4 country, collection name, accession name, synonyms

Are passport data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Apart from fruit pictures, not yet but it is well planned: the last WG meeting has already defined priority C&E descriptors.
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	"draft minimum descriptor list for Pyrus"
If yes, URL	http://pyrus.cra.wallonie.be/specific.php
How many accessions have C&E data?	10% of the accessions have fruit pictures
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	• List of *Pyrus* species

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

24 person hours; too less but due firstly to the fact that we planned to move to the new Prunus CCDB structure not much investment was given to the old Pyrus structure and secondly, due to the retirement of Robert Oger.

Is your mechanism of data gathering and updating working well / sustainable?

Not really, we were waiting for the transfer of the new version of the Prunus CCDB, developed at INRA Bordeaux, with the objective to use it as new DB structure adapted to Pyrus.
It is well now necessary to reinitiate a data update action with the WG members.
When actions relies on 'in-kind' work we are under the dependence of people availability – in our current situation, retired people are still no replaced by new worker and we are reaching some limits.
The good fresh air is represented by help given from people engaged in temporary projects (e.g. Patrick HOUBEN who is paid by an INTERREG project).

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Pictures (10% of the accessions)
Synonyms (30% of accessions)

The data collecting channel is different between the two DBs. In the CCDB, data are directly collected from the different curators – we have to admit that data included in both DBs are not the same.
CCDB data are perhaps more accurate on the scientific level because shared by presumably the best European experts of each specific crop.
Eurisco search tool is currently much too slow to run a query.

Do you have an idea about the use of your database and the appreciation of the users?

As common easy 'plant finder tool' it is well already appreciated but we have to admit that such tool is basic and not sufficiently updated.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

We try as much as possible to continue
With the idea to rationalize the time and effort devoted to DB management our strategy was to try to collaborate closely with the Prunus DB structure work in order to update the Pyrus tool. Such collaboration agreement has been achieved but unfortunately due to internal situation we are still waiting for the transfer of this new version of the Prunus CCDB, developed at INRA Bordeaux.

ANY OTHER COMMENTS

Much closer work relationship between CCDB managers and EURISCO is actively needed!
As another strategy, and as a deliverable of a EU INTERREG project, we signed last autumn an official collaboration agreement between the French 'Centre Régional de Ressources Génétiques du Nord-Pas-de-Calais' and our Institute for sharing a common database, sharing harmonized methods for evaluation, characterisation and valorisation of our fruit and vegetable accessions and also with the plan to rationalize both collections and to share our mutual responsibility. It is a very efficient way to create a positive synergy and I strongly promote this case study as a success story example of a pragmatic way for a better sustainable PGR management.
Apart from the achieved positive work synergy between scientists, technicians and field workers such Trans-border official agreement presented a very important visibility for our administration and highlighted the importance of our work for our regional policy-makers – as such, only mutual benefits!

Ribes/Rubus

Name of the database	European *Ribes* and *Rubus* Database
Homepage (URL)	http://projektai.vu.lt/ribes-rubus/
Date of creation	21 June 2011
Database manager	Darius Ryliskis
Email address of database manager	darius.ryliskis@bs.vu.lt
Hosting institute	Vilnius University, Vilnius, Lithuania

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	Ribes 2551 Rubus 665
Date of last update	2011
Estimated average age of the records in years (how long ago last updated on average)	2
Contributors	
Number of contributors	Ribes 11 countries Rubus 6 countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://www.ribes-rubus.gf.vu.lt/inst.htm
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://www.ribes-rubus.gf.vu.lt/Ribes_Rubus-EDB.htm
Are passport data searchable online? (Yes/No)	Yes (only Ribes)
If yes,	
URL	http://euroribes.ateisiu.lt/
How many / which descriptors?	DB number, Species, Country of origin, Holding institute, Status of sample
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.ribes-rubus.gf.vu.lt/download.htm
File type (Excel, Access..)	Excel

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	About 40 (depend from species)
Is the list of C&E descriptors available on the site? (Yes/No)	No
If yes, URL	
How many accessions have C&E data?	1380
How many data points are available?	About 55 000
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.ribes-rubus.gf.vu.lt/data/RIBESCO blackcurrant data collection.xls http://www.ribes-rubus.gf.vu.lt/data/RIBESCO red and white currant data collection.xls http://www.ribes-rubus.gf.vu.lt/data/RIBESCO gooseberry data collection.xls http://www.ribes-rubus.gf.vu.lt/data/RIBESCO jostaberry data collection.xls
File type (Excel, Access..)	Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	Photos of *Ribes* available when opening the accession passport data in search page http://euroribes.ateisiu.lt/

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

50 hours (150 hours in 2011).

Is your mechanism of data gathering and updating working well / sustainable?

No

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Presence of C&E data and photos.

Do you have an idea about the use of your database and the appreciation of the users?

Sometimes have question about cultivars and possibility to have cuttings.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

There are some ideas to do expansion of Rubus DB but not sure about resources.

ANY OTHER COMMENTS

Secale

IDENTIFICATION

Name of the database	European *Secale* Database
Homepage (URL)	http://genebank.ihar.edu.pl/rye_ccdb.php
Date of creation	1984
Database manager	Marcin Zaczyński
Email address of database manager	m.zaczynski@ihar.edu.pl
Hosting institute	Plant Breeding and Acclimatization Institute – National Research Institute (IHAR-PIB), Radzikow, Poland

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	13192
Date of last update	2012
Estimated average age of the records in years (how long ago last updated on average)	Every 2 years
Contributors	
Number of contributors	39 European institutions
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://genebank.ihar.edu.pl/contributors.php
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	(681 accessions have country of origin outside Europe)
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	AEGIS status, MLS status
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://genebank.ihar.edu.pl/structure_of_european_secale_database.php
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://secale.ihar.edu.pl/
How many / which descriptors?	30

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	Selected data by pressing button (no direct link) http://secale.ihar.edu.pl/
File type (Excel, Access..)	.xml but works with Excel newer than 2003
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	14
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://genebank.ihar.edu.pl/structure_of_european_secale_database.php#ca
How many accessions have C&E data?	1516
How many data points are available?	7015
Are C&E data searchable online? (Yes/No)	Yes
If yes,	
URL	http://secale.ihar.edu.pl/
How many / which descriptors?	All
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	Selected data by pressing button (no direct link) http://secale.ihar.edu.pl/
File type (Excel, Access..)	.xml but works with Excel newer than 2003

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	Contents per contributors http://genebank.ihar.edu.pl/content_per_contributors.php Rye maintenance (pdf)

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

100 hours

Is your mechanism of data gathering and updating working well / sustainable?

In some cases yes (when updated data are available in EURISCO). Collecting information from other sources is rather difficult.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Characterization and evaluation data with searching mechanism.

Do you have an idea about the use of your database and the appreciation of the users?

Only by few emails with specific questions of using the database in order to get information/accession (5 per year)

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, we can maintain the database for 5 more years. We have new servers and good cooperation with countries of the Baltic Sea region.

ANY OTHER COMMENTS

Spinach

IDENTIFICATION

Name of the database	International Spinach Database
Homepage (URL)	http://documents.plant.wur.nl/cgn/pgr/spinach/
Date of creation	2007/2008
Database manager	Rob van Treuren and Frank Menting
Email address of database manager	robbert.vantreuren@wur.nl frank.menting@wur.nl
Hosting institute	CGN, Wageningen, The Netherlands

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	2027
Date of last update	19 November 2010
Estimated average age of the records in years (how long ago last updated on average)	6.7
Contributors	
Number of contributors	25
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/spinach/con_cont.asp
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	No
If no, how many accessions from outside of Europe?	USA 361
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO modified: National Inventory code removed and 2 descriptors added (Sub crop type, File generation date)
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/spinach/descriptors.htm
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/spinach/searchform.asp
How many / which descriptors?	6 *Spinacia* species, *Spinacia* subtaxon, Country of origin, Status of sample, (part of) the accession name, (part of) the accession number

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/spinach/download.htm
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	26
Is the list of C&E descriptors available on the site? (Yes/No)	No
If yes, URL	
How many accessions have C&E data?	302
How many data points are available?	Many, organized in 11 separate Excel files
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/spinach/download.htm
File type (Excel, Access..)	Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	● Overview of included species ● Search form provides possibility to search for accessions with research data

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

0

Is your mechanism of data gathering and updating working well / sustainable?

No

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Accession information of collections from outside Europe
Contact details of collection holders
C&E data

Do you have an idea about the use of your database and the appreciation of the users?

No

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

The ECPGR Working Group on Leafy Vegetables recently decided no longer to invest in the database. The databases will be maintained as long as they provide added value to EURISCO.

ANY OTHER COMMENTS

Tomato

IDENTIFICATION

Name of the database	ECPGR Tomato Database
Homepage (URL)	http://documents.plant.wur.nl/cgn/pgr/tomato/
Date of creation	2007
Database manager	Willem van Dooijeweert and Frank Menting
Email address of database manager	willem.vandooijeweert@wur.nl frank.menting@wur.nl
Hosting institute	CGN, Wageningen, The Netherlands

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	21 332
Date of last update	9-4-2013
Estimated average age of the records in years (how long ago last updated on average)	6 years (Most of the records are from 2007)
Contributors	
Number of contributors	38
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/tomato/con_cont.asp
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO modified: National Inventory code removed and one descriptor added (Taxon as received by data donor)
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/tomato/descriptors.htm
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/tomato/searchform.asp
How many / which descriptors?	8 Genus, Species, Subtaxon, (part of) original taxonomy, Country of origin, Status of sample, (part of) the accession name, (part of) the accession number

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/tomato/download.htm
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	10
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://documents.plant.wur.nl/cgn/pgr/tomato/descriptors.htm (link to "Minimum descriptors for Tomato")
How many accessions have C&E data?	2439 out of 21 332
How many data points are available?	15674
Are C&E data searchable online? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/tomato/searchform.asp
How many / which descriptors?	10 Growth habit, Leaf shape, Inflorescence type, Green shoulder, Fruit shape, Fruit color, Ribbing at calyx end, Pedicel jointlessness, Number of locules, Fruit weight
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	http://documents.plant.wur.nl/cgn/pgr/tomato/download.htm
File type (Excel, Access..)	Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	• Offline distribution map • Contents per contributor • Contents per species • Additional information (literature, links to various sources..)

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

Last few years there was no big update, so about 40 hours are invested per year.

Is your mechanism of data gathering and updating working well / sustainable?

Not a fixed mechanism. When no answers are received from collection holders, the EURISCO data are used when available. Many collection holders send exactly the EURISCO data.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Extra information are searchable characterisation data, literature, links to various sources
Data of some collection holders which are not available in EURISCO

Do you have an idea about the use of your database and the appreciation of the users?

Database only viewed 255 times in 2013. Appreciation is not known.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Continuation depends on the outcome of a meeting of the Documentation Network which will be organised in 2014.
Resources are available but not unlimited.
It is preferred to transfer all data to EURISCO. This needs an upgrade of EURISCO but will prevent double work. Database managers could put their efforts in improving EURISCO.

ANY OTHER COMMENTS

Tree Tomato

Name of the database	ECPGR Tree Tomato Database
Homepage (URL)	http://www.comav.upv.es/index.php?option=com_wrapper&view=wrapper&Itemid=282&lang=en
Date of creation	2010
Database manager	José Vicente Valcárcel and José Miguel Blanca
Email address of database manager	jvalcarc@btc.upv.es jblanca@btc.upv.es
Hosting institute	COMAV, Valencia, Spain

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	87
Date of last update	2010 (six months after creation)
Estimated average age of the records in years (how long ago last updated on average)	3,5
Contributors	
Number of contributors	4
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	homepage Contributors http://158.42.125.239/cyphomandra_contributors.html
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	homepage Database description http://158.42.125.239/cypho_databasedescription.htm
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	homepage On-line - search http://158.42.125.239/cyphomandra_index.asp
How many / which descriptors?	

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	homepage Off-line - download http://158.42.125.239/Cyphomandra.zip
File type (Excel, Access..)	Access
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	• Possibility to request hard copy Off-line - hardcopy http://158.42.125.239/cyphosol.html

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

This database is small and has not required more than a few hours to correct small errors in recent years.

Is your mechanism of data gathering and updating working well / sustainable?

Yes, it's working well.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

The main goal of the European Central Crop Databases, in general, should focus on collecting characterization and evaluation data belonging to most species as well as other useful information for breeders and users. In my opinion this task is unaffordable in terms of a centralized database like EURISCO, containing a huge quantity of datasets belonging to different crops. I think EURISCO should focus on passport data and the management of these data using new GPC technologies.

Do you have an idea about the use of your database and the appreciation of the users?

I have a visitor counter on our COMAV website, but it measures not only the European Databases visitors, but also the COMAV website visitors in general. Now, the counter estimates that more than 245.000 people have visited our website during the last two years. I think it would be interesting to implement feedback mechanisms for gathering users' opinions and suggestions.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, we plan to continue maintaining the database in the next five years. We will get sufficient resources for these five years

ANY OTHER COMMENTS

Trifolium subterraneum

IDENTIFICATION

Name of the database	European *Trifolium subterraneum* Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/trifolium_sub.html
Date of creation	1985
Database manager	Valentin Maya Blanco
Email address of database manager	valentin.maya@gobex.es
Hosting institute	CICYTEX, Badajoz, Spain

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	5052 (in Excel file)
Date of last update	March 2013
Estimated average age of the records in years (how long ago last updated on average)	0.75 year
Contributors	
Number of contributors	16
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V.1, 2001
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://centrodeinvestigacionlaorden.gobex.es/transferencia-de-tecnologia/publicaciones/896/eccdb-trifolium-subterraneum-march-2013-
File type (Excel, Access..)	Excel

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

15 hours

Is your mechanism of data gathering and updating working well / sustainable?

I believe that the mechanism doesn´t work because the genebanks don´t update their accessions (only the Spanish genebank). It´s very difficult to work in these conditions.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

I think it´s very practical and useful

Do you have an idea about the use of your database and the appreciation of the users?

No

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

I'm planning to continue maintaining the database but my institute has reduced the staff and I need to do overtime to maintain the databases

ANY OTHER COMMENTS

Triticale

IDENTIFICATION

Name of the database	European Triticale Database
Homepage (URL)	http://www.bdn.ch/etdb/
Date of creation	1996
Database manager	Beate Schierscher-Viret
Email address of database manager	beate.schierscher-viret@agroscope.admin.ch
Hosting institute	Agroscope, Nyon, Switzerland

CONTENTS AND STRUCTURE

Current number of accessions (February 2014)	16357
Date of last update	Continuous updates since June 2013 Latest update February 2014
Estimated average age of the records in years (how long ago last updated on average)	40%: 0.3 year 60%: 18 years
Contributors	
Number of contributors	currently 9 institutes from 8 European countries (potential contributors: 24 institutes from 19 European countries)
Is the list of contributors available online? (Yes/No)	Yes (this includes all potential contributors, not all data received yet)
If yes, URL	http://www.bdn.ch/etdb/
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	MLS status
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.bdn.ch/etdb/search/
How many / which descriptors?	7 Accession name, Accession number, Country of origin, Donor institute code, Institute code, National Inventory code, Common crop name
Are passport data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No, but could be integrated if requested and if the organisations transmit us data.
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

20 hours in 2013; 7 hours in 2014

Is your mechanism of data gathering and updating working well / sustainable?

Problem: Data are coming back in different format, the passport data are not used as they should.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?
Not yet, but the ETDB is an efficient instrument for data management in the future. Now we have to include characterization and evaluation (C&E) data.

Do you have an idea about the use of your database and the appreciation of the users?
No.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?
Yes, we plan to continue maintaining the database in the next five years. We redesigned and reorganized the European Triticale Database (ETDB) in May 2013. This facilitates the update of accessions. It will be also no problem to integrate characterization and evaluation data in the future. (http://www.bdn.ch/culture/triticale/ / http://www.bdn.ch/descriptors/list/108/).

ANY OTHER COMMENTS

Umbellifer

IDENTIFICATION

Name of the database	European Umbellifer Database
Homepage (URL)	http://www2.warwick.ac.uk/fac/sci/lifesci/wcc/gru/eudb/
Date of creation	1997
Database manager	Charlotte Allender
Email address of database manager	charlotte.allender@warwick.ac.uk
Hosting institute	Genetic Resources Unit, University of Warwick, Wellesbourne, United Kingdom

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	11916
Date of last update	June 2013
Estimated average age of the records in years (how long ago last updated on average)	9 months
Contributors	
Number of contributors	63 institutions in 30 countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	Homepage List of Contributors 2013 (pdf file)
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	(regarding the country of origin: 2798 are from non-European or non-ECPGR countries)
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V2 (not all descriptors used)
Are other passport descriptors used? (Yes/No)	
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	Homepage – link to MCPD V2 (pdf) Description of database fields - Multi-Crop Passport Descriptors
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	

Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www2.warwick.ac.uk/fac/sci/lifesci/wcc/gru/eudb/eudb_2013.xlsx
File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site? (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

15 hours per year

Is your mechanism of data gathering and updating working well / sustainable?

Updated information is obtained via a download from EURISCO and then amended via requests top WG members to check their own collection data. Low response rates were noted (only 5 institutions provided other data, or replied to the email)

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

It provides more up-to-date information in situations where institutional updates to EURISCO are delayed by issues concerning National Focal Points or National Coordinators. Therefore some material is listed in the EUDB and not in EURISCO.

Do you have an idea about the use of your database and the appreciation of the users?

My perception is that it is a useful tool for the WG, but most genebank users search the EURISCO database.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

At the last WG meeting in St Petersburg, WG members expressed a preference for only updating one database regularly, and this should be EURISCO as many curators also manage other crop collections besides Umbellifers. No-one felt it was a good idea to maintain two nearly identical datasets independently, but the need for curation of characterisation data was indicated and this could be carried out within EURISCO if its capabilities were expanded.

ANY OTHER COMMENTS

Vicia faba

Name of the database	European *Vicia faba* Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/vicia_faba.html
Date of creation	06/07/2001
Database manager	Gérard Duc
Email address of database manager	gerard.duc@dijon.inra.fr
Hosting institute	INRA Dijon, France

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	12 475
Date of last update	2007 *Update planned 2013-15 (in: report 5th meeting GL WG, 2013)*
Estimated average age of the records in years (how long ago last updated on average)	10-15 years
Contributors	
Number of contributors	28 European institutions
Is the list of contributors available online? (Yes/No)	(included in downloadable Excel file)
If yes, URL	Homepage
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	(3600 accessions have country of origin outside Europe)
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1 (Partially: acquisition dates and biological status are missing)
Are other passport descriptors used? (Yes/No)	No
If yes, which?	
Is the list of passport descriptors available on the site? (Yes/No)	No
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/vicia_faba.html

File type (Excel, Access..)	Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No
If yes,	
How many descriptors do you use?	
Is the list of C&E descriptors available on the site (Yes/No)	
If yes, URL	
How many accessions have C&E data?	
How many data points are available?	
Are C&E data searchable online? (Yes/No)	
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

   12 hours/year

Is your mechanism of data gathering and updating working well / sustainable?

   Yes, Updated by survey and synthesis every 6 years

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

   Overlapping at the level of accessions has to be analysed: 18 countries are in common, 3 countries added in ECPGR database, and 5 countries added in EURISCO

Do you have an idea about the use of your database and the appreciation of the users?

   No

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes

ANY OTHER COMMENTS

During 2013-15, the database will be updated with verified passport data of old and new collections, as well as addition of phenotypic data when available. The database will be prepared for adding molecular markers data. It will need a host website, one option being that of the existing LegumBase. (in: report 5th meeting GL WG, 2013)

Vigna

IDENTIFICATION

Name of the database	European *Vigna* Database
Homepage (URL)	http://www.genbank.at/en/ecpgr-vigna.html
Date of creation	1997
Database manager	Wolfgang Kainz
Email address of database manager	wolfgang.kainz@ages.at
Hosting institute	AGES, Linz, Austria

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	4709
Date of last update	2012 07 25
Estimated average age of the records in years (how long ago last updated on average)	Some contributors send data immediately after call, others did not send any update since 1998
Contributors	
Number of contributors	9 institutes from 8 European countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://www.genbank.at/en/ecpgr-vigna/contributors.html
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	EURISCO
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://www.genbank.at/en/ecpgr-vigna/database-descriptors/passport-data.html
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://www.genbank.at/en/ecpgr-vigna.html
How many / which descriptors?	9 Cropname, Institute Code, Species, Subtaxa, Country of origin, Status of Sample, Accession Number, Accession Name, Collection Site
Are passport data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	No (but the database structure includes fields for C&E data if they become available)
If yes,	
How many descriptors do you use?	16
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://www.genbank.at/en/ecpgr-vigna/database-descriptors/characterization-descriptor.html
How many accessions have C&E data?	None at the moment
How many data points are available?	None
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, in situ/on farm activities…)	Proposal for photo documentation http://www.genbank.at/en/ecpgr-phaseolus/database-descriptors/proposal-for-taking-photos.html

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

About 30 hours per year

Is your mechanism of data gathering and updating working well / sustainable?

No, due to the presence of EURISCO there is very little willingness to send data to both EURISCO and ECPGR databases

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Photos

Do you have an idea about the use of your database and the appreciation of the users?

DB is contacted 5 times per month in average

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

If C&E data cannot be included to EURISCO, the Vigna DB could be maintained for the next years. But as there are no C&E data available the sense of a separate DB should be questioned in this case.

ANY OTHER COMMENTS

Vitis

Name of the database	European *Vitis* Database
Homepage (URL)	http://www.eu-vitis.de/index.php
Date of creation	1997
Database manager	Erika Maul
Email address of database manager	erika.maul@jki.bund.de
Hosting institute	JKI, Siebeldingen, Germany

CONTENTS AND STRUCTURE

Current number of accessions (April 2014)	36934
Date of last update	Update is done permanently by curators. This is possible owing to the online uploading and modification system, implemented for the European *Vitis* Database, see Maul et al. 2010 *(reference at the end of questionnaire).*
Estimated average age of the records in years (how long ago last updated on average)	Owing to past and running projects, upload of data (MCPD, characterization, marker data, photos, etc.) is done permanently by involved partners. Number of curators involved in projects: about 15-25.
Contributors	
Number of contributors	56
Is the list of contributors available online? (Yes/No)	Yes (implemented April 2014) Includes institute code, contact details, number of accessions maintained and date of last update.
If yes, URL	from homepage, Contributors of data
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V2
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	13 additional descriptors are used. They are listed on pages 12 and 13 of the Multi-Crop Passport Descriptors - Specific for Grapevine
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	(from homepage, Descriptors/file formats)
Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	(from homepage: quick search, advanced search)
How many / which descriptors?	39 descriptors, see homepage: advanced search, A: passport descriptors

Are passport data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	Characterisation: up to 49 descriptors SSR-markers: 6 to 9 loci Photos: mainly shoot tip, leaves and bunch On farm maintenance: 53 descriptors and 49 enocarpological descriptors
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	(homepage, Descriptors/file formats, sections B and D)
How many accessions have C&E data?	Characterisation (up to 49 descriptors): 2918 accessions SSR-markers (6 to 9 loci): 4509 accessions Photos (mainly shoot tip, leaves and bunch): 4180 photos On farm maintenance: 56 cultivars
How many data points are available?	
Are C&E data searchable online? (Yes/No)	Yes
If yes,	
URL	Two possibilities exist: - Public access, Advanced search, B: Characterization descriptors => search via descriptor notations for cultivar identification - Public access, Characterization data => search via passport data to retrieve the description of a cultivar
How many / which descriptors?	49 descriptors plus 18 ampelometric leaf descriptors For descriptors applied see the homepage, Descriptors/file formats, sections B and D
Are C&E data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	• Users handbook • SQL Table Scheme • Varieties registered in Europe • Public access, On farm maintenance • Public access, Catalogue of varieties

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

At least 600 hours per year.
Besides the technical aspects of DB maintenance and improvement (e.g. upload and search functionalities), a lot of time was invested in data checking and assistance to partners.

Is your mechanism of data gathering and updating working well / sustainable?

Yes

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

Added value is achieved by Vitis specific MCPD descriptors, in particular the berry colour, country of origin of the variety and those in relation to trueness to type. For example the descriptor "remarks to the accession name" informs if the accession's name is either a synonym, homonym, true name, misnomer, dialectic term, alternative spelling or cannot be defined.

All data besides MCPD data support description, identification and thus maintenance of grapevine genetic resources.
Photos provide most valuable complementary information and are very precious for identity studies

Do you have an idea about the use of your database and the appreciation of the users?

Statistics are available for the number of distinct users/month and number of total visits/months. From years 2011 to 2013, the hits were quite the same, with an average of 685 visitors per month.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes.

ANY OTHER COMMENTS

Publication:
E. MAUL et al. (2012) The European Vitis Database (www.eu-vitis.de) – a technical innovation through an online uploading and interactive modification system. Vitis 51 (2), 79–85

Wheat

Name of the database	European Wheat Database
Homepage (URL)	http://genbank.vurv.cz/ewdb/
Date of creation	1996
Database manager	Iva Faberová (to be progressively taken over by Ludmila Papoušková)
Email address of database manager	faberova@vurv.cz papouskova@vurv.cz
Hosting institute	Crop Research Institute (CRI), Prague, Czech Republic

CONTENTS AND STRUCTURE

Current number of accessions (December 2013)	180 639 (163 637 *Triticum* recs. + 17 002 *Aegilops* recs.)
Date of last update	20 May 2013
Estimated average age of the records in years (how long ago last updated on average)	86 updating sessions were carried out since 1998, in average 5.7 sessions per year Updates in last 3 years: ca. 20 000 new passport records ca. 40 000 updated records ca. 18 000 new C&E data sets (accessions)
Contributors	
Number of contributors	63 genebanks from 36 European countries
Is the list of contributors available online? (Yes/No)	Yes
If yes, URL	http://genbank.vurv.cz/ewdb/asp/ewdb_sur1.asp
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Note: country of origin	111 527 recs. with country of origin in Europe 44 891 recs. with country of origin out of Europe 24 221 recs. with unknown country of origin
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	Special EWBD descriptors, EURISCO descriptors
Is the list of passport descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://genbank.vurv.cz/ewdb/asp/pass_des.htm

Are passport data searchable online? (Yes/No)	Yes
If yes,	
URL	http://genbank.vurv.cz/ewdb/asp/form_1.asp (single search since 1998) or http://genbank.vurv.cz/ewdb/asp/form_desc.asp (advanced search – together with C&E descriptors since 2008)
How many / which descriptors?	total 39 passport descriptors, of which 22 searchable in the advanced search – see form at: http://genbank.vurv.cz/ewdb/asp/form_desc.asp
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	http://genbank.vurv.cz/ewdb/asp/ewdb_export.zip
File type (Excel, Access..)	zipped ASCII text file
Note:	Historical records are not removed from the database, they are kept as not available, but searchable.
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	22
Is the list of C&E descriptors available on the site? (Yes/No)	Yes
If yes, URL	http://genbank.vurv.cz/ewdb/asp/eval_des.htm
How many accessions have C&E data?	30 391
How many data points are available?	207 058
Are C&E data searchable online? (Yes/No)	Yes
If yes,	
URL	http://genbank.vurv.cz/ewdb/ ("advanced search")
How many / which descriptors?	All (22)
Are C&E data downloadable? (Yes/No)	No
If yes,	
URL	
File type (Excel, Access..)	

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	● Quick overview of the EWDB content according to contributor, taxon, country of origin, status, availability http://genbank.vurv.cz/ewdb/asp/survey.asp ● List of genes http://genbank.vurv.cz/ewdb/asp/genes.asp ● Link to database Wheat Pedigree and Identified Alleles of Genes (on record level) http://genbank.vurv.cz/wheat/pedigree/

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

40-160 hours depending on the data quality and delivery – the most time-consuming was renumbering German (Braunschweig/Gatersleben) and French (GEVES-INRA) collections in 2011 and continuous C&E data conversion from Excel to EWDB format

Is your mechanism of data gathering and updating working well / sustainable?

Yes, it is.

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

1. EURISCO and CCDBs were developed with a different aim and therefore, their content is not equal. They include complementary information in many aspects.
There are also different responsibilities of data donors. EURISCO has National Focal Points responsible for national data sets and there are signed agreements between EURISCO and the institutions of NFP. CCDB managers are data compilers, they are not responsible for data content, data are compiled and provided on voluntary basis.
EURISCO's upload mechanism has many positive impacts on passport data quality in Europe – it represents a large effort of NFP and data compilers at national level. But CCDB managers are not obliged to convert data to EURISCO standards (it would be huge workload!).

2. EWDB and/vs EURISCO:
  a) The EWDB includes historical records (belonging to lost or removed material) that could be used as a source of additional information. EURISCO is a catalogue of currently available PGR, there is no space for historical records.
  b) The additional ("non-standard") EWDB descriptors as well include certain information, which has no space in EURISCO standard.
  c) EWDB taxonomy - detailed system by Dorofeev- can distinguish 27 species in the genus Triticum (including many varieties characterized by specific morphological traits). EURISCO is recommending to use GRIN taxonomy – in case of Triticum there are 6 species with several subspecies and no varieties at all. Again example of data loss.
  d) EWDB records are linked to the Database Wheat Pedigree and Identified Alleles of Genes, EURISCO with the MCPD format doesn´t allow such link.

Do you have an idea about the use of your database and the appreciation of the users?

Crop-specific information has its own importance for users (breeders, crop-focused researchers) - see Genesys and other crop-specific systems.
Users of EURISCO are mainly genebank managers.
It is necessary to know the type of users...

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes, we are planning to continue, personal engagement of database manager is the most important prerequisite, also other resources are available in next 5 years.

ANY OTHER COMMENTS

Of course, it would be pleasant to have EURISCO as one integrated information source for PGR in Europe. Such source should offer all available and reliable information (general, crop-specific, passport, C&E, molecular, pictures, links, texts...). But is it feasible in current conditions?

Partners representing countries (NFP) have an agreement to provide passport information to EURISCO. How to motivate them to provide also C&E data? Data format for C&E information in EURISCO is not available yet. Many national PGR systems keep C&E data separately for different crops. Who will be responsible for C&E data delivery and UPDATE in EURISCO – NFP or CCDB managers?

Wild Potato

Name of the database	European Wild Potato Database
Homepage (URL)	http://www.ecpgr.cgiar.org/germplasm_databases/list_of_germplasm_databases/crop_databases/crop_database_windows/potato_wild_bearing_tubers.html
Date of creation	1996
Database manager	Roel Hoekstra
Email address of database manager	roel.hoekstra@wur.nl
Hosting institute	PRI, CGN, Wageningen, The Netherlands

CONTENTS AND STRUCTURE

Current number of accessions (January 2014)	10323
Date of last update	6-1-2014
Estimated average age of the records in years (how long ago last updated on average)	From 1998 till 2014. Average: 2007 (= 7 years)
Contributors	
Number of contributors	7 European contributors
Is the list of contributors available online? (Yes/No)	No
If yes, URL	
Geographical coverage	
Are the accessions only from Europe (+ECPGR countries)? (Yes/No)	Yes
If no, how many accessions from outside of Europe?	
Passport data	
Is a *Multi-crop Passport Descriptor List* used? (Yes/No)	Yes
If yes, which version (V1, 2001 / V2, 2012)	V1
Are other passport descriptors used? (Yes/No)	Yes
If yes, which?	COLLNU_IPD (standardised collector number to identify duplicates) Plpassport (for acc. fulfilling Q-requirements) SPP (species abbreviation) STATE & REGION (other locality data in COLLSITE) 8 different parallel collection numbers CHROM_NR FG_DATE (receipt date per data set)
Is the list of passport descriptors available on the site? (Yes/No)	(included in downloadable files)
If yes, URL	
Are passport data searchable online? (Yes/No)	No
If yes,	
URL	

How many / which descriptors?	
Are passport data downloadable? (Yes/No)	Yes
If yes,	
URL	Website of EU project RESGEN - CT95 - 34/45 http://documents.plant.wur.nl/cgn/pgr/EUpotato/
File type (Excel, Access..)	Access / Excel
Characterization and evaluation data	
Do you include characterization and evaluation (C&E) data? (Yes/No)	Yes
If yes,	
How many descriptors do you use?	55
Is the list of C&E descriptors available on the site? (Yes/No)	(included in downloadable files)
If yes, URL	
How many accessions have C&E data?	6209
How many data points are available?	33210
Are C&E data searchable online? (Yes/No)	No
If yes,	
URL	
How many / which descriptors?	
Are C&E data downloadable? (Yes/No)	Yes
If yes,	
URL	Website of EU project RESGEN - CT95 - 34/45 http://documents.plant.wur.nl/cgn/pgr/EUpotato/
File type (Excel, Access..)	Access / Excel

OTHER INFORMATION AVAILABLE

Please indicate any additional information provided on your database website (e.g. taxonomy, core collection, *in situ*/on farm activities…)	

MANAGEMENT

How much time (average number of hours per year over the last three years) is invested in the database?

10 hours / year.
Little time invested in the last 3 years. In earlier years much more time was invested in creating the macros for the automatic updating the common database after receiving an updated dataset from a contributor.

Is your mechanism of data gathering and updating working well / sustainable?

Data gathering is lagging behind. Once a new data set has been received (replacing an elder one) the updating is running smoothly by means of an extensive set of specific macros (in MS-Access).

ASSESSMENT OF USE AND VALUE

What do you think your database adds to the data available in EURISCO?

1) *Improved identification of duplicates*
2) *Includes parallel genebank accession numbers from outside Europe, e.g. enabling the user to link data from GRIN and CIP.*
3) *Includes C&E data*

Do you have an idea about the use of your database and the appreciation of the users?

Yes it is being used, but the extent is unknown. The DB is appreciated, because it contains data that are not available on the internet elsewhere.

PERSPECTIVES

Are you planning to continue maintaining the database in the next five years and, if positive, are sufficient resources available to do that at your institute?

Yes & yes.

ANY OTHER COMMENTS