

# Progress report EURISCO

EURISCO Advisory Committee meeting, 14th October 2016, Angers, France

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14 October 2016

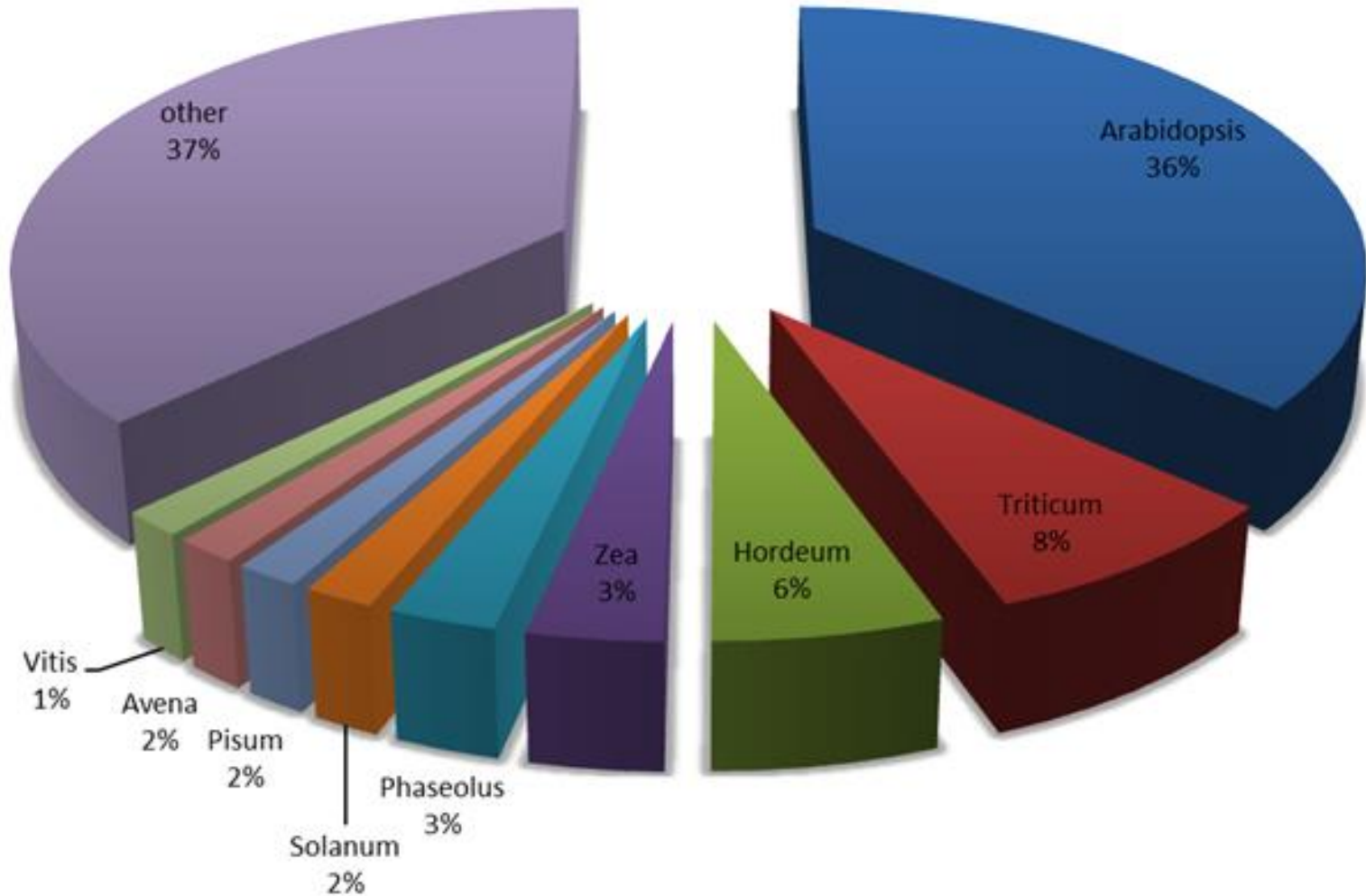


# Contents of EURISCO

- 1,842,760 accessions
- 376 holding institutes
- 43 countries
- 6,233 genera (including synonyms)
- 41,649 species names (unique combinations genus + species, including synonyms)
- 368,446 MLS accessions
- 28,899 AEGIS accessions

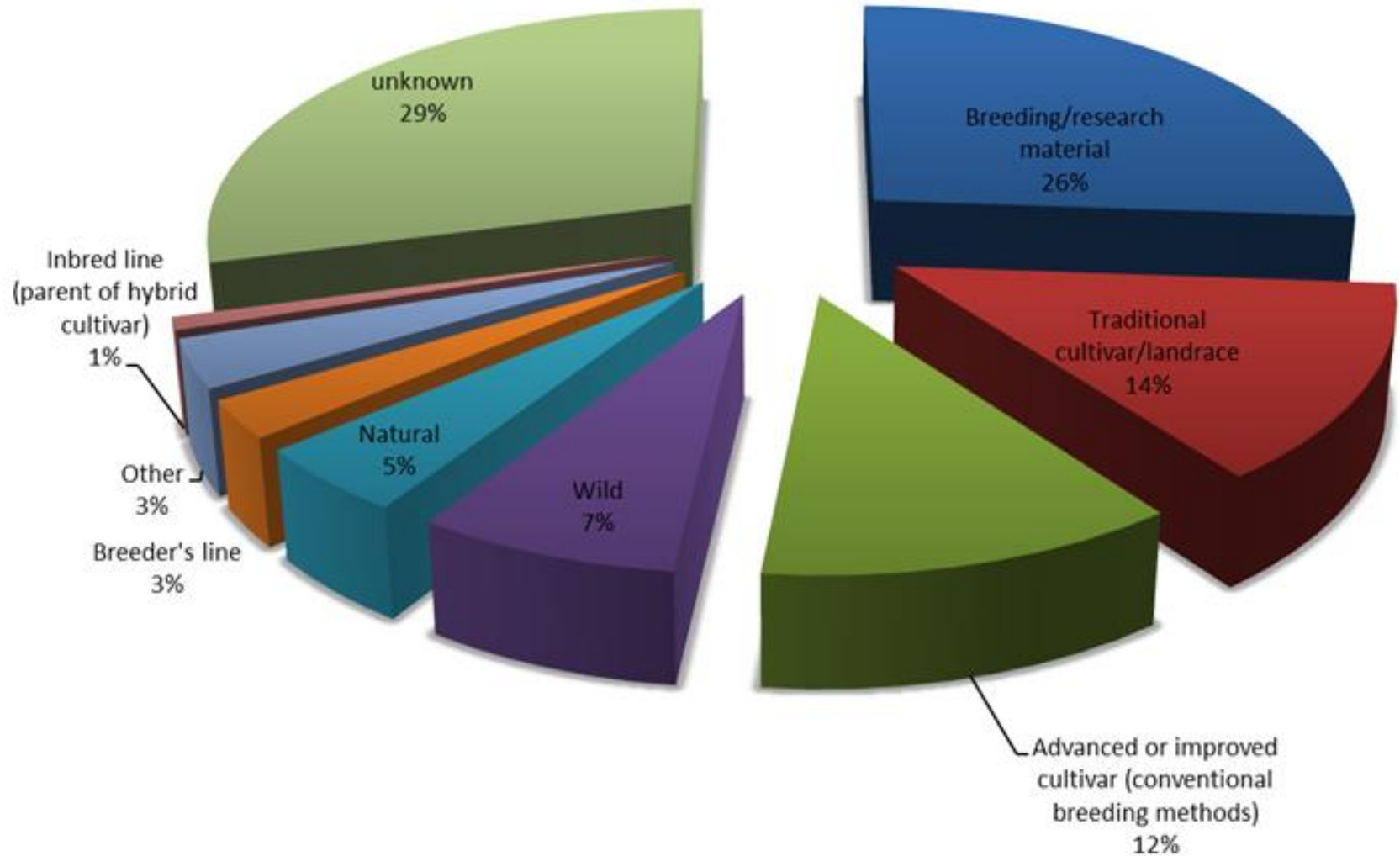
as of 2016-09-07

# Genera



as of 2015-12-07

# Biological status



as of 2015-12-07

# Data quality in EURISCO

- 587,391 accessions with collecting information
  - 91,808 different collecting sites
  - But only 188,456 accessions with coordinates (10% of all accessions; 32% of accessions with collecting information)
- 1,161,631 accessions with donor information
- 960,334 accessions with country of origin
  - 24 different geographic regions

as of 2016-09-07

# Passport data updates

- 2014
  - 1 update
  - 1,114,995 accessions
- 2015
  - 28 updates
  - 1,837,368 accessions
- 2016 (as of 2016-09-09)
  - 19 updates
  - 1,842,760 accessions

# Outcomes 2014

- EURISCO transfer
  - Reengineering from scratch
    - Database structures
    - Public web application
    - Intranet for NFPs incl. PL/SQL packages for data integrity checks
  - Migration path for EURISCO data (MySQL → Oracle)
- Switch to new upload mechanism (incremental updates)

# Outcomes 2015

- EURISCO intranet
  - Java-based passport importer developed
  - Data quality/integrity checks improved
- Extension for C&E data
  - Data exchange format
  - Database schema
  - Upload mechanism
  - Public web interface (prototype; continued in 2016)
- AEGIS tracking
- Several improvements of the public web interface



# Outcomes 2016 (as of 2016-09-12)

- Extension for C&E data (continued)
  - Public web interface tested
  - Additional features implemented
  - Productive data imported
- Public web interface
  - Additional export functionalities implemented
  - Advanced search completely reworked
  - Extended performance tuning

# New architecture: DB schema features

- EURISCO intranet
  - 49 tables
  - 460 indexes
  - 90 triggers
  - 9 PL/SQL packages
  - 110 functions and procedures
  - 27 Java classes
- EURISCO web
  - 45 tables
  - 25 materialised views
  - 585 indexes
  - 6 PL/SQL packages
  - 25 functions and procedures

# Version history web interface

- v1.0.0 (Oct. 2014)  
First public version
  - v1.0.1 – v1.0.6  
Small extensions/improvements
- v1.1.0 (Nov. 2014)  
New export functionality + download of full dump
  - v1.1.1 – v1.1.17 (2015 – 2016)  
Continuous improvements
- v1.2.0 (Jun. 2016)  
C&E data extension; new export functionalities; new advanced search; lots of small improvements
  - v1.2.1 – v1.2.3 small extensions/improvements

# Coordination

- Helpdesk behind the scenes (should not be underestimated ;-) )
- Planning of training workshops
  - 2015 Tirana, Albania
  - 2016 Angers, France
  - 2017 Gatersleben, Germany
  - Training materials + test environment developed + report
- Participation in project applications
- Presentations, posters, article
- Newsletter
- Plans and reports