

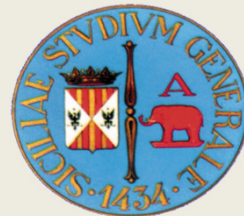


# ECPGR Working Group on *Brassica*

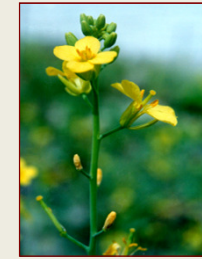


Ferdinando Branca

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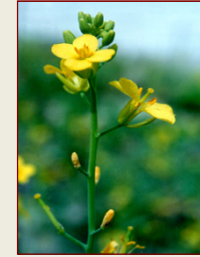
*During the VIII ECPGR phase (2007-2013):*

- Fourth Meeting of the ECPGR Working Group on *Brassica* 2–4 March 2010, Catania, Italy



ECPGR Networking project meeting, 17-18 October 2017, Ljubljana, Slovenia

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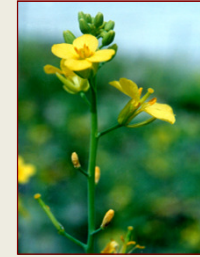
## *During the VIII ECPGR phase (2007-2013):*

- The Brassica WG concluded the following three projects:

1. 'Identification of unknown accessions from European genebanks', carried out at VIR, St. Petersburg, Russian Federation;
2. 'Glucosinolate analysis of a collection of European accessions of wild Brassica and Brassica rapa', carried out at the Consejo Superior de Investigaciones Científica (CSIC), Córdoba, Spain (ECPGR contribution to this project was € 1845). A collection of 83 Brassica accessions;
3. 'Bio-morphological and genetic characterization of the Brassica Working Group collection' All biometric and genetic data acquired from the 26 accessions analysed will be inserted in the Brassica European Database (Bras-EDB) in 2014



# ECPGR Working Group on *Brassica*



## *During the VIII ECPGR phase (2007-2013): publications*

- Maggioni L, Bas N, Poulsen G, Branca F, Ralli P, von Bothmer R, Lipman E. 2013. Availability of wild Brassica sect. Brassica accessions in genebanks.
- Poulsen G, Maggioni L, Smolka A, von Bothmer R, Bagger Jørgensen R. 2013. Molecular markers for botanic identification among Brassica species.

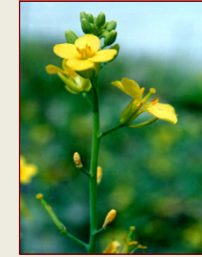
The proceedings of the **6th ISHS Symposium Brassica 2012 and 18th Crucifer Genetic Workshop** were published the following articles supported by the ECPGR Brassica WG and mainly devoted to Brassica wild species (n=9) and to the genetic profiles and gene flow between wild and cultivated species:

- Branca F, Bas N, Artemyeva A, De Haro A, Maggioni L. 2013. In progress activities of the Brassica Working Group of the European Cooperative Programme for Plant Genetic Resources (ECPGR). *Acta Horticulturae* 1005:149-156.
- Branca F, Ragusa L, Tribulato A, Poulsen G, Maggioni L, von Bothmer R. 2013. Diversity of kale growing in Europe as a basis for crop improvement. *Acta Horticulturae* 1005:141-148.
- Branca F, Chiarenza G L, Ragusa L, Argento S. 2013. Morphological characterization of the ECPGR wild Brassica species collection. *Acta Horticulturae* 1005:157-164.
- Maggioni L, Jørgensen R B, von Bothmer R, Poulsen G, Branca F. 2013. Signs of inter-crossing between Leafy Kale Landraces and *Brassica rupestris* in South Italy. *Acta Horticulturae* 1005:165-172.
- Branca F, Ragusa L, Tribulato A, Bagatta M, Lo Scalzo R, Picchi V. 2013. Evaluation of Sicilian wild Brassica species (n=9) for glucosinolate profile and antioxidant compounds. *Acta Horticulturae* 1005:181-188.
- Branca F, Ragusa L, Tribulato A, Di Gaetano C, Calì F. 2013. Genetic relationships of Brassica vegetables and wild relatives in southern Italy determined by five SSR. *Acta Horticulturae* 1005:189-196.
- Branca F, Ragusa L, Tribulato A, Velasco P, Cartea M E. 2013. Glucosinolate profile in different Mediterranean Brassica species(n=9). *Acta Horticulturae* 1005:279-284.



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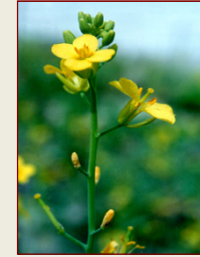
# ECPGR Working Group on *Brassica*



## *During the IX ECPGR phase (2014-2020):*

- Brassica Working Group is represented by 65 members
- The Project “**CO**llection, **CH**aracterization and **EVA**luation of wild and cultivated **BRASS**icas (**CO**CHEVA **BRAS**) carried out from 1<sup>st</sup> January 2015 – 31<sup>th</sup> October 2016 by F. Branca, P.S. Coelho, A. De Haro, E. Rosa, V.R. Lopes and R. Lo Scalzo
- The FAO Crop-specific genebank standards have been agreed in 2016 and some partners gave input during the development of the generic standards
- The project “**WILD BRASS**icaceae species: collection, characterization and evaluation” (WILDBRAS) was presented but it was rejected because the proponents are not MA of AEGIS

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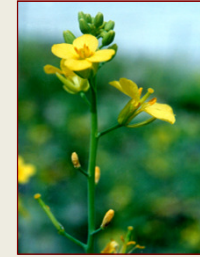


## *During the IX ECPGR phase (2014-2020):*

Several proposal project were presented in the frame H2020:

- INEUOTRAVEGS (2014) I stage
- REMBRANT (2015) Approved but no founded
- Brassic-ACE (2016) I stage
- BRASSAGRO (2016) I stage
- BRESOV (2017) II stage

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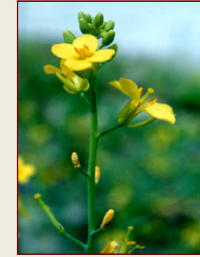


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*Thank  
for your  
attention*