

### CHAIR

**Georgios Merkouropoulos**  
[merkouropoulos@elgo.gr](mailto:merkouropoulos@elgo.gr)

### VICE-CHAIR

**Dragoslav Ivanišević**  
[idragoslav@polj.uns.ac.rs](mailto:idragoslav@polj.uns.ac.rs)

### 77 ECPGR *Vitis* Working Group Members from 35 countries

- **Genebank curators**
- **Crop specialist**
- **Information and documentation**
- **Plant breeder**
- **Others expertise (ampelography, law expertise)**

## Characterization, evaluation and conservation of Wild Grape (*Vitis vinifera* subsp. *Sylvestris*) resources.

**2016-2017** Increasing the efficiency of conservation of *wild grapevine* genetic resources in Europe (**inWiGrape**)

*Vitis* 56, 127–131 (2017)

DOI: 10.5073/vitis.2017.56.127-131

### Guiding principles for identification, evaluation and conservation of *Vitis vinifera* L. subsp. *sylvestris*

G. ZDUNIC<sup>1)</sup>, E. MAUL<sup>2)</sup>, J. E. EIRAS DIAS<sup>3)</sup>, G. MUÑOZ ORGANERO<sup>4)</sup>, F. CARKA<sup>5)</sup>, E. MALETIC<sup>6)</sup>, S. SAVVIDES<sup>7)</sup>, G. G. JAHNKE<sup>8)</sup>, Z. A. NAGY<sup>9)</sup>, D. NIKOLIC<sup>10)</sup>, D. IVANIŠEVIĆ<sup>10)</sup>, K. BELESKI<sup>11)</sup>, V. MARAŠ<sup>12)</sup>, M. MUGOŠA<sup>12)</sup>, V. KODZULOVIC<sup>12)</sup>, T. RADIĆ<sup>1)</sup>, K. HANČEVIĆ<sup>1)</sup>, A. MUČALO<sup>1)</sup>, K. LUKŠIĆ<sup>1)</sup>, L. BUTORAC<sup>1)</sup>, L. MAGGIONI<sup>13)</sup>, A. SCHNEIDER<sup>14)</sup>, T. SCHREIBER<sup>15)</sup> and T. LACOMBE<sup>16)</sup>

<sup>1)</sup>Institute for Adriatic Crops and Karst Reclamation, Split, Croatia

<sup>2)</sup>JKI - Julius Kühn Institute, Federal Research Centre for Cultivated Plants, Institute for Grapevine Breeding Geilweilerhof, Siebeldingen, Germany

<sup>3)</sup>Instituto Nacional de Investigação Agrária e Veterinária, Dois Portos, Portugal

<sup>4)</sup>Instituto Madrileño de Investigación y Desarrollo Rural, Agrario y Alimentario (IMIDRA), Alcala de Henares, Spain

<sup>5)</sup>Agricultural University of Tirana Koder-Kamez, Tirana, Albania

<sup>6)</sup>University of Zagreb, Faculty of Agriculture, Zagreb, Croatia

<sup>7)</sup>Agricultural Research Institute, Nicosia, Cyprus

<sup>8)</sup>National Agricultural Research and Innovation Center, Research Institute for Viticulture and Enology, Badacsony, Hungary

<sup>9)</sup>University of Belgrade, Faculty of Agriculture, Belgrad-Zemun, Serbia

<sup>10)</sup>University of Novi Sad, Faculty of Agriculture, Institute for Fruit Growing & Viticulture, Novi Sad, Serbia

<sup>11)</sup>Ss. Cyril and Methodius University in Skopje, Institute of Agriculture, Skopje, Republic of Macedonia

<sup>12)</sup>13 Jul Plantaže, Podgorica, Montenegro

<sup>13)</sup>Biodiversity International, Maccaresse, Rome, Italy

<sup>14)</sup>Research Council of Italy, Institute for Sustainable Plant Protection, Torino, Italy

<sup>15)</sup>JKI - Julius Kühn Institute, Federal Research Centre for Cultivated Plants, Data Processing Department, Quedlinburg, Germany

<sup>16)</sup>INRA, UMR AGAP, Equipe Diversité, Adaptation et Amélioration de la Vigne, Montpellier, France

**2021-2022** Increasing the efficiency of conservation of *V. sylvestris* genetic resources in Europe (**Sylvestris**)

- Identification of true *Vitis sylvestris*
- Exclusion of feral types and hybrids (via non-*sylvestris* alleles)
- Preservation of true *Vitis sylvestris*
- Establishment of a *Sylvestris* SSR-marker data base for further investigations
- Analysis of genetic diversity, population structure and differentiation of populations
- Inference of putative dispersal routes from East to West and after last glacial period via 20 nuclear microsatellites

## 2017-2018 On-farm inventory of minor grape varieties in the European Vitis Database (GrapeOnFarm)

Using outcomes from **GrapeGen06** (Descriptors list for on-farming maintained varieties) inventory of *on-farm* cultivar was implemented.

A specific section for these accessions was included in Europea Vitis database, according to the Italian system, which is simply and does not produce any costs.

### Activity report:

[https://www.ecpgr.org/fileadmin/biodiversity/publications/pdfs/GrapeOnFarm\\_Activity\\_report.pdf](https://www.ecpgr.org/fileadmin/biodiversity/publications/pdfs/GrapeOnFarm_Activity_report.pdf)

## **2020-2022** Enhancing quality and quantity of *Vitis* genetic resources in AEGIS (AEG-VIT-IS)“

### Objectives

- Establish common rules for selecting candidate genotypes within each repository
- Searching unique genotypes candidates for AEGIS
- Selection and clarification of unsolved identities
- Safety duplications in repositories

### Outcomes

- Fourteen morphological descriptors and nine SSR markers were chosen to characterize 'unique cultivars'
- Other agronomical and or/oenological characteristics (not compulsory)
- Check sanitary status of the plant material
- Actually too few accessions are flagged as AEGIS (13 for grape by Italy)

## Working group *Vitis*



Thanks for your attention!

