

CONSERVATION AND SUSTAINABLE USE OF GRAPEVINE GENETIC RESOURCES IN THE CAUCASUS AND NORTHERN BLACK SEA REGION

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PROJECT COUNTRIES Azerbaijan Armenia Georgia Moldova Russia Ukraine



GOAL is to strengthen the national capacity in the countries of the region to ensure the long-term maintenance of rich Vitis genetic resources, including the cultivated traditional varieties and the wild resources.

AIM is identifying, collecting, characterizing and conserving the grapevine diversity throughout the region, as a basis to improve local viticulture and wine making.

Inventory & Database

On the basis of inventory of local varieties in 13 collections of the region a joint database has been established with 2523 accessions, represented 1563 varieties & clones.



Identification

24 previously recovered varieties have been identified and 19 varieties were discovered by "Magarach". Armenia and Azerb. described rare variet inside the countries.



Mobilization of Local Varieties

- Georgia re-introduced more than 100 cvs. from Moldova, Ukraine and Italy
- >Armenia 80 varieties & clones of these varieties from its five regions
- >Azerbaijan inside the country and 7 varieties from Moldova
- Russia from its inner regions and from "Magarach" collection



Conservation

2 new collections of local varieties were established: Vashlijvari - 350 Ararat - 200 cvs.

Anapa collection (Russia) was enlarged with new cultivars

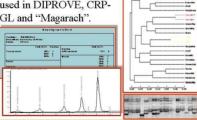
Azerbaijan made new plantation in Gyanja and

and Shamakhy experim. stations and used "onfarm" preservation on 2 private farms for 18-32 varieties.



Local Varieties' Characterization

Each country carries out according to ampelographic descriptors with photos and agronomic traits. SSR fingerprinting and HPLC techniques are used in DIPROVE, CRP-GL and "Magarach".





discovered:





- ✓ Ukraine-163 forms in Crimea
- ✓ Georgian 66 in East Georgia
- ✓ Russia 57 in the North Caucasus
- Azerbaijan has wide research
- ✓ Moldova studied in spontaneous conditions and in the collection.





Meetings

2003 Tbilisi (GEO) 2004 Yalta (UKR) 2005 Chisinau (MLD)

Developing Capacity

Three 'Vitis Fellowship' has been realized for researchers from GEO, RUS and UKR in the CRP-GL in and in the DIPROVE.

The Project facilitates development of a molecular lab at the "Magarach" inst.



More information

Web-IPGRI for the project: http://www.ipgri.cgiar.org/regions/europe/ PGRinSEE/PGR SE Europe.htm

Information also at contact:

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Archaeobotanic

Project facilitates research within the region











