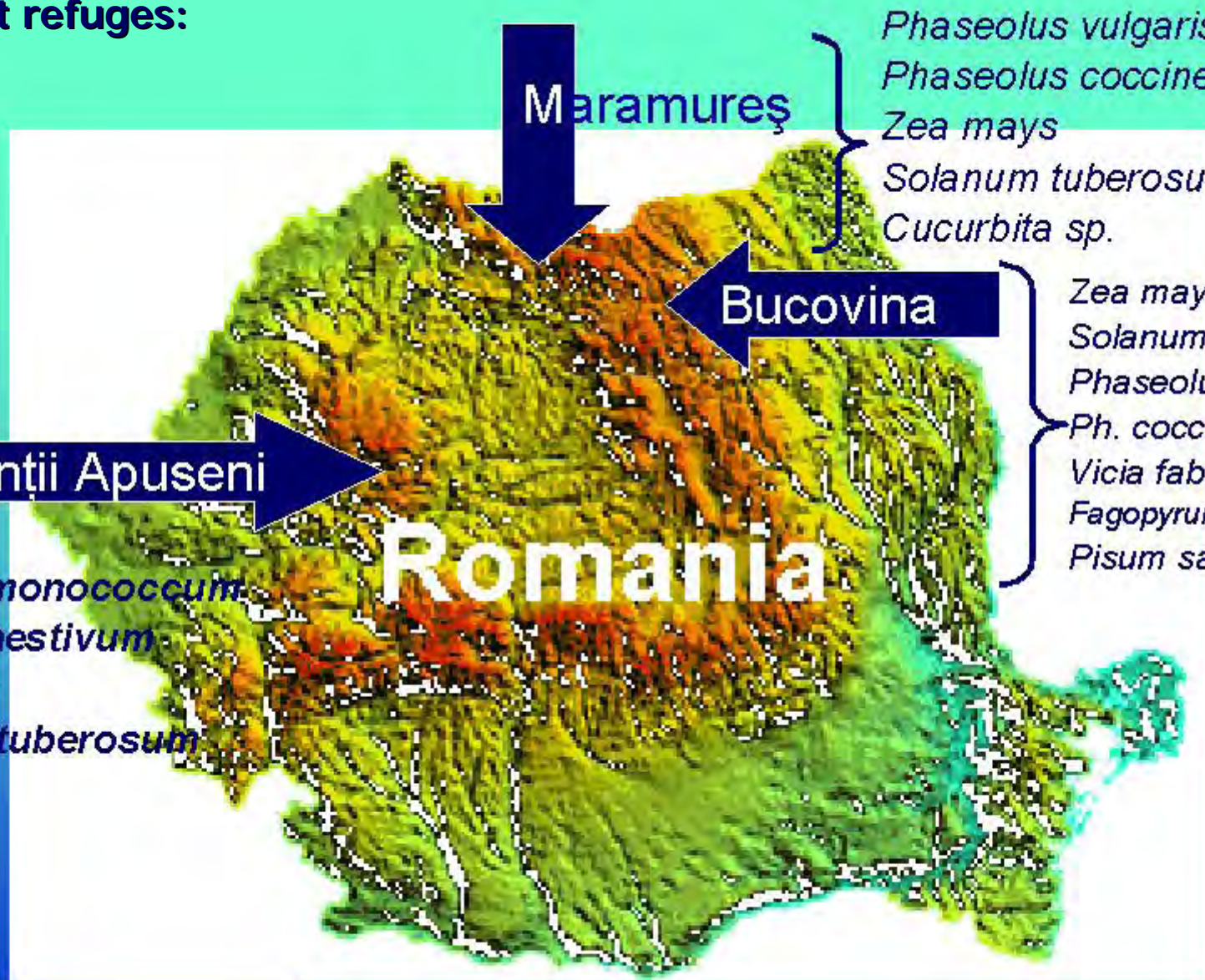


**SURVEY MISSION IN WESTERN PART OF
ROMANIA (APUSENI MOUNTAINS) OF CEREALS
AND MAIZE TRADITIONAL PLANT VARIETIES
AND LANDRACES CONSERVED ON FARM**

**Project coordinator – Danela Murariu
Suceava Genebank**

Romania is one of the few European countries where traditional agro ecosystems are of a big significance in situ repositories of crop genetic diversity. Maintenance of inter and intra specific diversity in peasants' fields is a key element for sustainable agriculture, especially for resource-poor farmers practicing agriculture under low-input conditions in certain remote and marginal areas in the mountainous depressions.

The last refuges:



Major goal of the project: to locate, inventory and assess the genetic diversity of the cereals and maize traditional varieties and landraces in western part of Romania (Apuseni Mountains).



Activities

Activity 1

Workshop for the preparation of a detailed work plan (routes, documentation and information on geographical, pedo-climatic and agro-socio –economic data) in the target area.

Activity 2

Collecting missions by members of the cereals and maize working group to the selected sites for gathering seed samples and information related to the genetic diversity conserved.

Activity 3

Meeting with farmers in the village Almasu de Mijloc, Alba county.

Activity 4

Workshop in order to analyse the collected data.

Activity 3.

Ad - hoc meeting with farmers from village Almasu de Mijloc, Alba county (4 October 2007)

“Researchers could not help farmers to conserve genetic resources until they learned how farmers actually managed those resources” (Julien Berthaud, CYMMIT Mexico)

Topics of the meeting:

- How farmers make seed selection in the field and in the house ; principles and techniques of seeds storage;
- Why they use local landraces to advanced cultivars detriment?
- How farmers multiply the cereals and maize local landraces, in field ?



Activity 4.

Workshop in order to analyse the collected data (5 October 2007)

Themes of the meeting:

- The inventory of the collected accessions in the survey mission;
- Fulfilled of the Evaluation Form;
- Close of the survey mission and departure of the participants.

Activities Planning

- Documentation and information about target area;
- Establishing of the multidisciplinary team;
- The activities distribution for each member of the expedition.

Establishing of the multidisciplinary team

Name and surname	Expertize
Fetah Elezi -Albania	Wheat breeding
Nadezhda Antonova –Bulgaria	Oat breeding
Emilija Simeonovska -Macedonia	Wheat breeding
Danela Murariu - Romania	Maize evaluation
Diana Rusu - Romania	<i>on farm</i> collection activity
Silvia Strajeru - Romania	Conservation of PGR
Dan Sandru - Romania	<i>In situ</i> collection activity
Ilija Komljenovic – Republic Srpska	Field crops
Dragan Mandic – Republic Srpska	Wheat breeding
Nada Sumatic – Republic Srpska	Taxonomy
Vojo Radic – Republic Srpska	Seed science

The activities distribution for each member of the expedition

Name and surname	Activities
Danela Murariu - leader	Characterization of the collected area. Ethnographic information
Silvia Strajeru – member	Fulfilled of the newest on farm descriptor list. Recorded information on the interview camera
Dan Sandru - member Vojo Radic - member	Collection of the seed samples and notation of the common name of the accessions on the paper bags
Diana Rusu - member Ilija Komljenovic - member	Fulfilled of the on farm questionnaires GPS information, notation of the other species which we will collect
Fetah Elezi - member	Additional information useful for maize breeding programs
Nadezhda Anthonova - member	Additional information useful for oat breeding programs. Cooking information
Emilija Simeonovska - member Dragan Mandic - member	Additional information useful for wheat, barley and rye breeding programs
Nada Sumatic – member	Additional information about the other species which are growing around house holds

