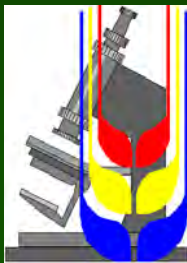




Collecting expedition of *Salvia officinalis* L. in Rom

Genebank



SUCEAVA

Diana Batîr Rusu

Collecting team

- **Diana Batîr Rusu - biologist**
- **Dan Şandru - ecologist**
- **Dan Paicu - driver**



Objectives

- Ecogeographical survey and collecting of Dalmatian sage populations
- Inventory of Dalmatian sage research and production in the region

Target goals

- **collecting 25-30 sage samples (young leaves tissue of a single plant) per population - for molecular genetic analysis**
- **putting each leaves samples into small plastic bags with silicagel and associated collecting number which indicate population and sample**
- **completion of collecting form descriptors, collecting data and taking photos**
- **sending all the collected samples from cultivated and spontaneous flora with all information associated to University of Zagreb, Croatia**

Salvia officinalis L. distribution in Romania



spontaneous species

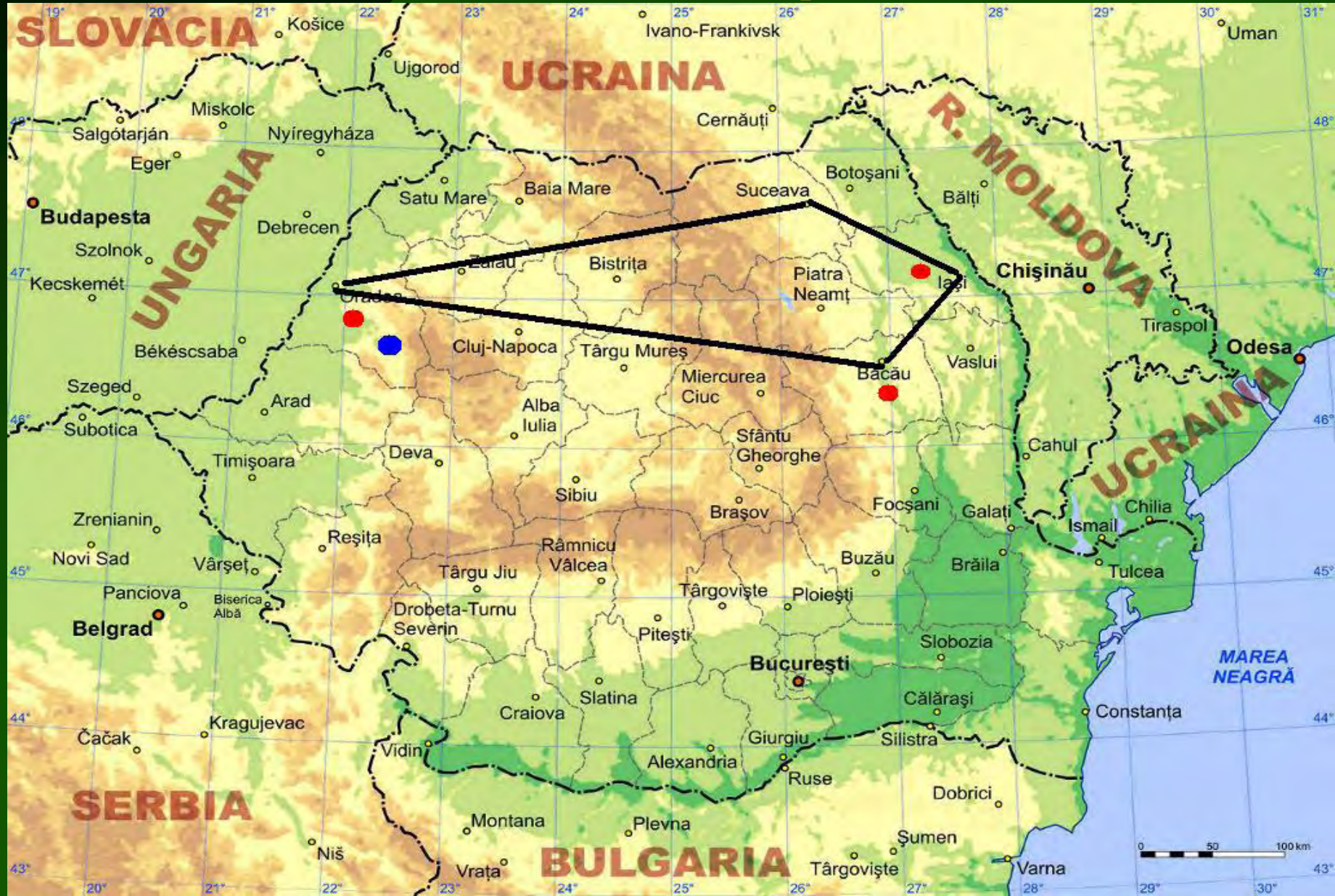


cultivated species

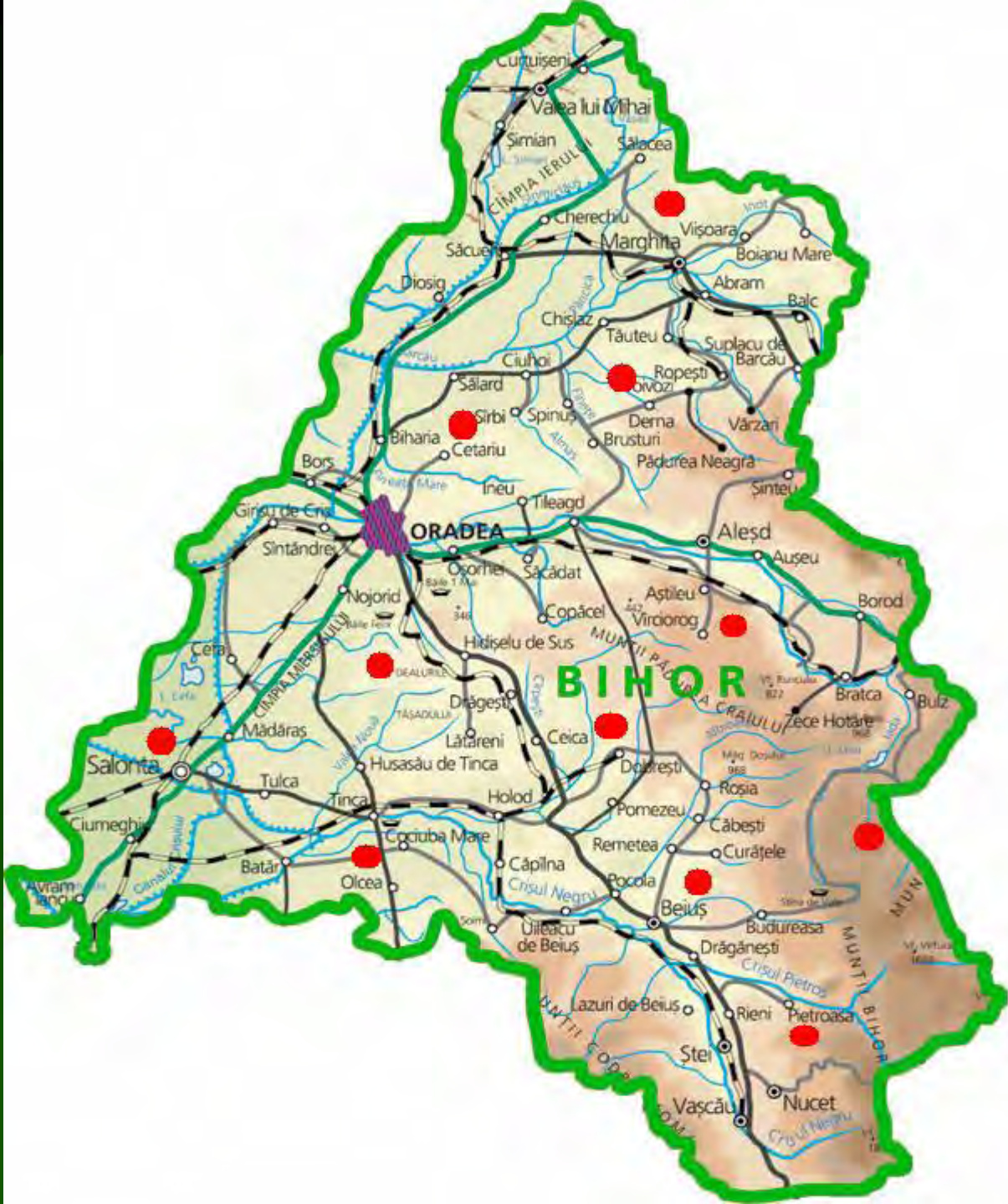
Target areas

- Iasi (cultivated forms)
- Bacau (cultivated forms)
- Bihor (spontaneous and cultivated forms)

Target areas and collecting route on the map



Target areas for spontaneous forms in Bihor district



***Salvia officinalis* L. in Suceava Genebank collection and National Inventory**

Species	No. of samples	
	National	Genebank
<i>Salvia officinalis</i> L.	9	2 (+ 4 ° C)

In Suceava Genebank Herbarium, we have 1 specimen of *Salvia officinalis* L.

Variety of *Salvia officinalis* L. cultivation in Romania

Species	Family	Variety	Maintainer Institution	Comments
<i>Salvia officinalis</i> L.	Lamiaceae	De Rasmiresti	Fundulea	Local population

Passport descriptors

Pasaport

Nr de acces / Nr de colectare:

Taxonomie:

Nume de cultura: Familia botanica:

Nume de acces: Autor specie:

Data achizitiei / Data colectarii: Autor subtaxa:

Tara de origine:

Locul colectarii / judetul:

Latitudine, longitudine, altitudine:

Institutul pastrator:

Institutul colector:

Institutul ameliorator:

Duplicatul de siguranta:

Institutul donor:

Statutul biologic:

Sursa colectarii:

Tipul de pastrare:

Numar de acces la donor: Alte numere:

Date ancestrale:

Comentarii:

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Use of *Salvia officinalis* L.

There are some processing companies which process and produce medicine only from sage:

Hofigal SA

Market Pharma

Farmacia Naturii



Sage tincture Hofiga



Sage tea Market Pharma

Sage tea Farmacia Naturii



Motivation

Since *Salvia officinalis* L. is used in Romania as medicinal plants in the pharmaceutical industry, but also in food art, as well as reduced number of samples in National Inventory and Gene Bank (slide 9), this species has a special interest for us.

Because *Salvia officinalis* L. is native from Mediterranean basin, with high demands for heat and lower for humidity, in Romania sage is found in the spontaneous flora - *Salvia officinalis* f. *albiflora* in the western areas (with a temperate continental climate with warm air influence from Pannonia Plain) and southern areas (with a temperate continental climate with Mediterranean influence) - Slide 5

In cultivated flora this species are found in the above mentioned areas, as well as in the Moldavia Plateau.