

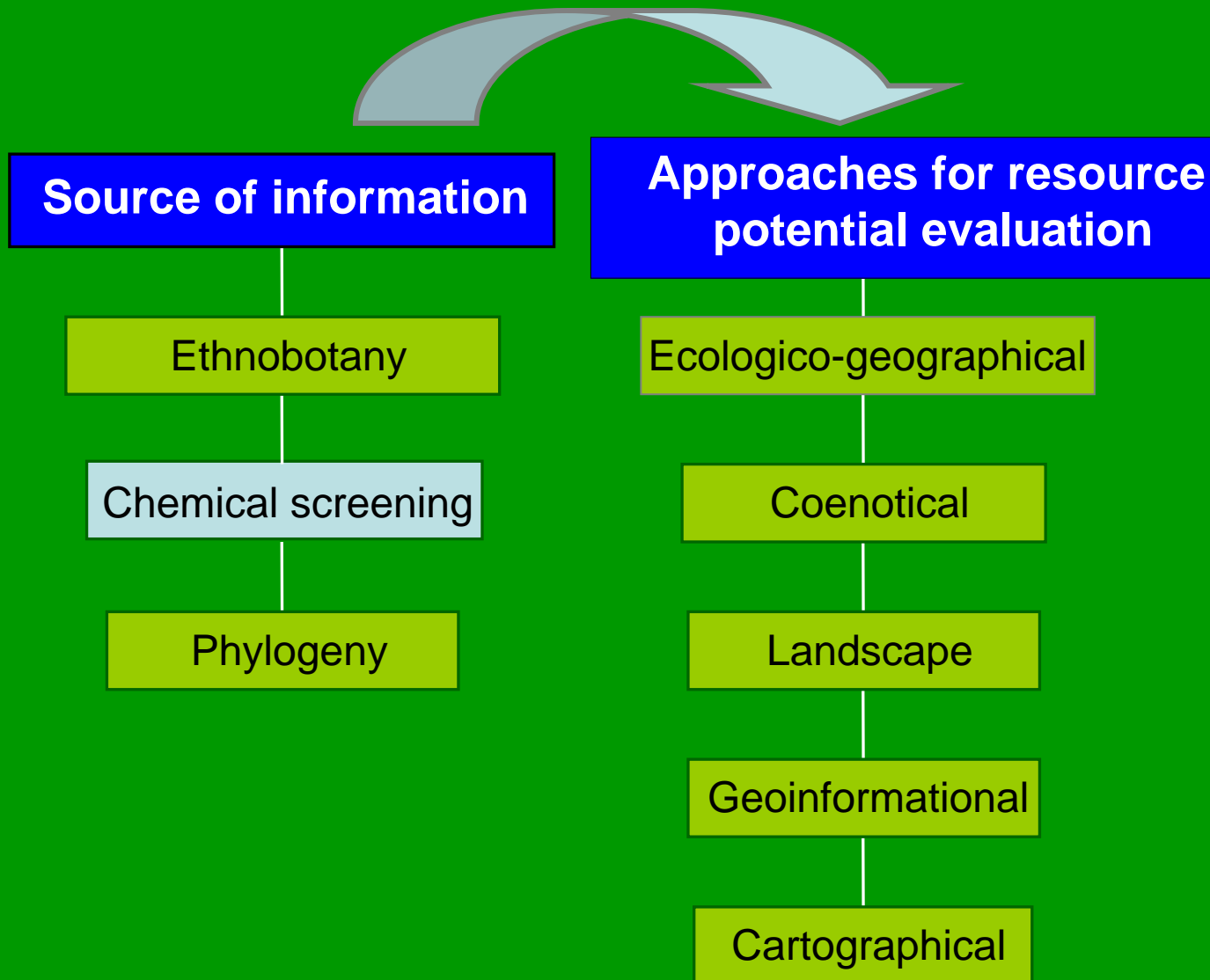
75 years of VILAR scientific work to
explore medicinal plant resources of
Russia: approaches, methods and
results

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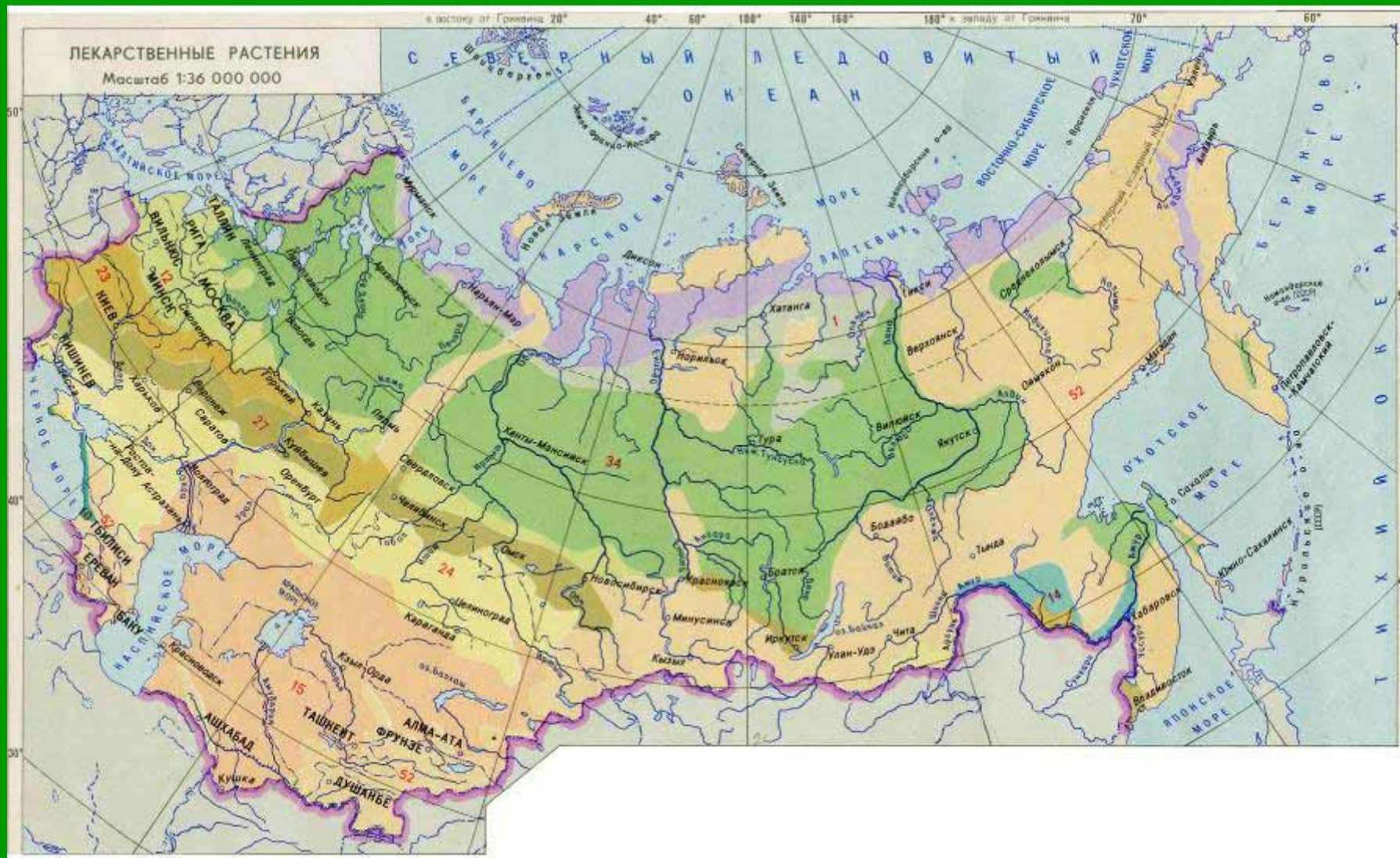
Investigational process



Methods of raw material resources evaluation

- **Resource evaluation of given populations**
- **Method of key areas**

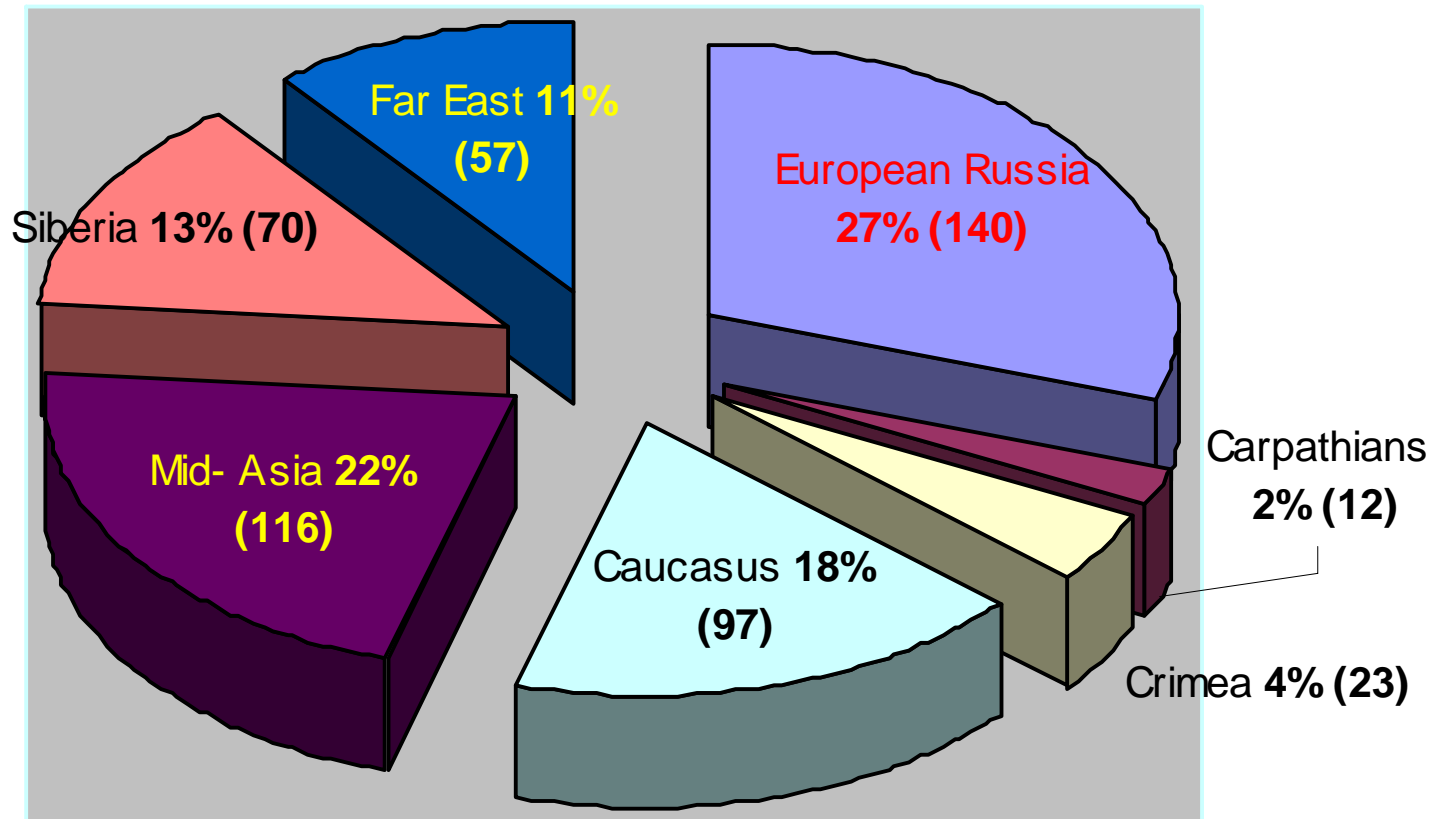
Medicinal plant distribution over climatic zones



Medicinal plant distribution over climatic zones

Climatic zone	Number of species
Forest tundra	1
Taiga	34
Mixed forest	12
Broad-leaved forest	23
Forest-steppe	27
Steppe	24
Semi-desert and desert	15
Subtropical forest	10
Monsoon mixed forest	14
High-altitude belt areas	52

Geography of VILAR expeditions (1931-2005)



- Prof. Schreter A. I.—VILAR
herbarium founder



New goals and perspectives

- Analysis of expedition results on WGMP areas and resources investigation
- Study of WGMP resources in key regions reflecting physico-geographical, phyto–coenotic, ecological, nature preserving and economic specificity of medicinal plant species growth (reserves, specially protected natural areas, agricultural regions)
- Development of geo-informational system “Medicinal flora geography of Russia” and establishment of electronic atlas “Medicinal plant areas and resources of Russia”
- Creation of a modern system of standard and legal documentation for sustainable use, control, exploitation and preservation of WGMP resources













