



European Commission

TEMPUS

# Yuriy Fedkovych Chernivtsi

## National University (Ukraine)



# Some historic facts about ChNU

- ❖ Founded on October 4, 1875 by the Decree of Austro-Hungarian emperor Franz Joseph I.
- ❖ In 2000 the institution gained the status of National University.
- ❖ In 2013 it was added the List of UNESCO World Heritage Sites





## Today ChNU is ...

- about 16 000 students
- 1 209 Teachers  
(including 128 Professors, more than 700 PhDs)
- 11 Faculties and 2 Institutes
- 87 Chairs, 11 Research Centers
- over 2,6 million library items

## Academic Faculties and Institutes

- Pedagogy, Psychology and Social Work
- Philology
- Philosophy and Theology
- Physical Training and Health
- Applied Mathematics
- Architecture, Construction, Applied and Fine Arts
- Geography
- Economics
- Foreign languages
- History, Political Science and International Relations
- Law
- **Biology, Chemistry and Bioresearches**
- **Physical, Technical and Computer sciences**

# Degrees offered by ChNU

- Bachelor
- Master of Arts
- Candidate of Sciences  
(PhD Degree equivalent)
- Doctor of Sciences  
(Habilitation)



The **teaching language** is Ukrainian

# International projects:



Erasmus Mundus projects (Emerge, IANUS, EUROEAST, EMP-AIM, HUMERIA, IANUS II)



TEMPUS projects (Cap4Com, TRUST, CuQ)

Three CBC projects in the framework of ENPI JOP "Ro-Ua-Md 2007-2013".

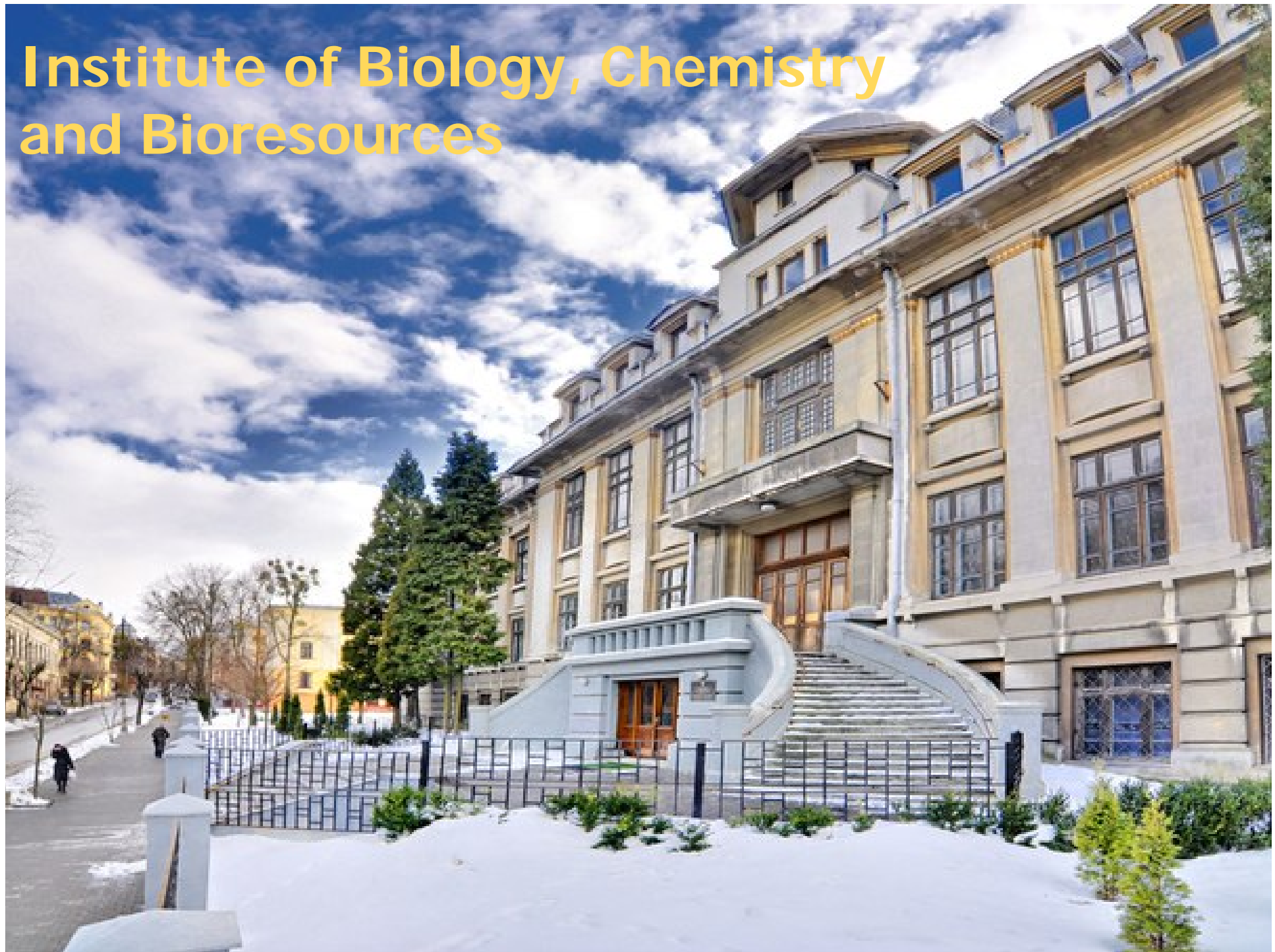


Program Jean Monnet



- **Joint Operational Program Romania - Ukraine - Republic of Moldova with the financial assistance of the European Union;** Historical and ethnographic heritage - part of sustainable tourism development in Bukovina (HERITAGE) with a budget of 1 486 721,82 €
- **Mobility between Europe and the countries neighboring Eastern region: Belarus, Moldova, Ukraine (EMERGE);** Coordinator - University Ioana Kuzy (city of Iasi, Romania). Total project budget: 3,349,975,000 €
- **Mobility for Innovation of Development (BMU-MID);** Coordinator - University of Turku (Finland). Total project budget: 3,349,625 €
- **Erasmus Mundus, the direction of "partnership" in Belarus, Ukraine and Moldova (EMP-AIM);** Coordinator - University Nicholas Romerio (Vilnius, Lithuania). Total project budget: 2.9 million €

# Institute of Biology, Chemistry and Bioresources



# Botanical garden, Greenhouse, Zoological Museum are research, enlightenmental and educational facilities of the University





Department of Ecology and Biomonitoring is one of the youngest departments of the Institute established in 2002. Initiator of the department and its head is the Honored Scientist of Ukraine, member of the Academy of Sciences of Higher School of Ukraine, Professor Stephan S. Kostyshyn. Today, the Department of Ecology and Biomonitoring is a powerful research and teaching unit, including 3 Doctors of Science, 10 PhDs.



# Our main scientific directions are:

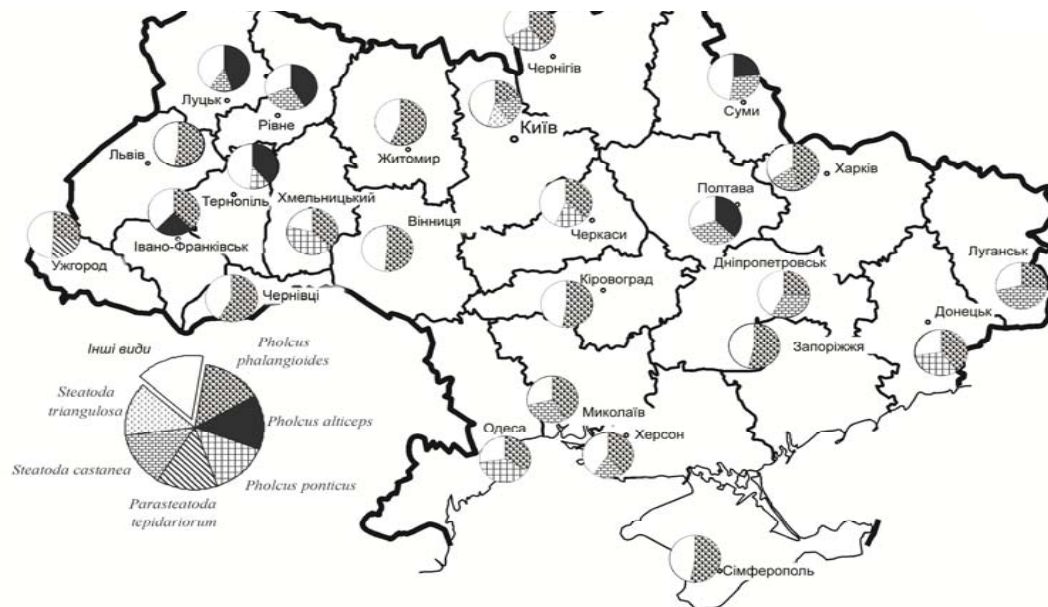
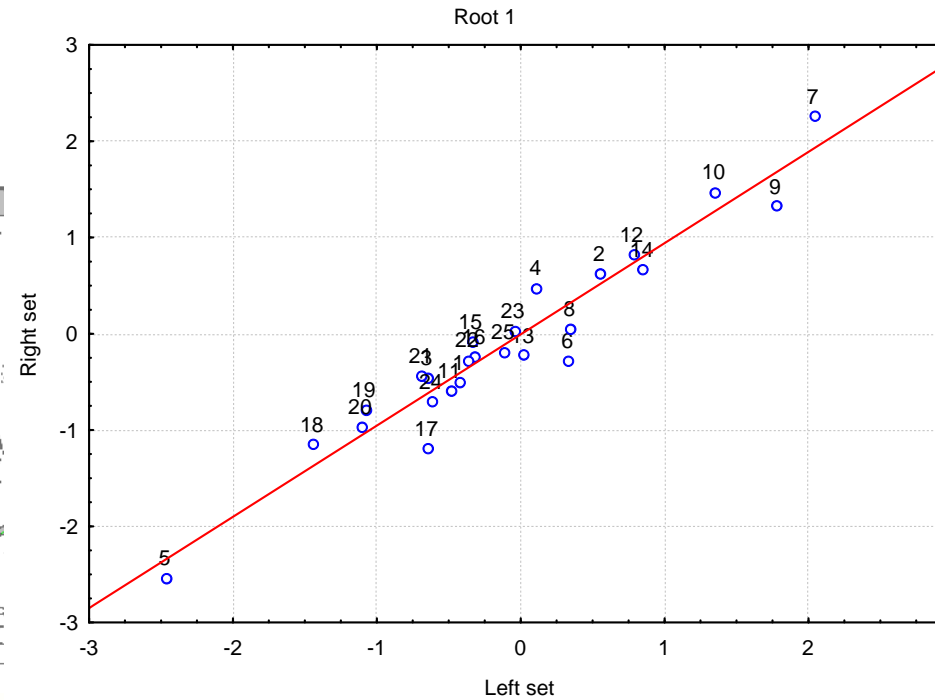
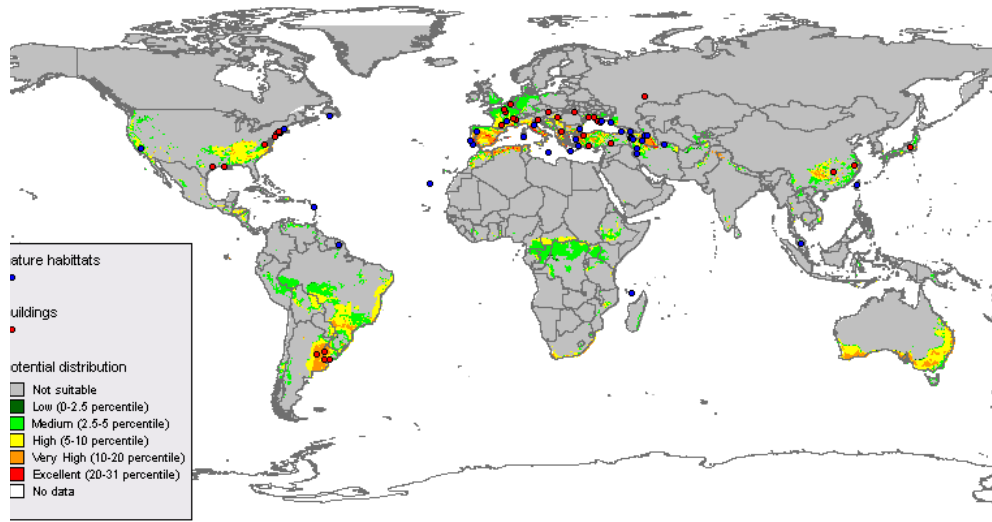
- Study of human impacts on ecosystems using microcosm models



# Monitoring of aquatic and terrestrial ecosystems



# Using spiders as bioindicators



# During 1980-1990 Chernivtsi Region underwent a number of technogenic catastrophes

- Chornobyl catastrophe, some areas are still polluted
- Chemical pollution of Chernivtsi with Thallium led to Alopecia diseases
- The region is exposed to floods from time to time as a result of ecological problems.
- All above mentioned makes us carry out researches and find out recommendations how to prevent similar phenomena
- In connection with this our chair needs upgrading of material and technical resources for carrying out researches

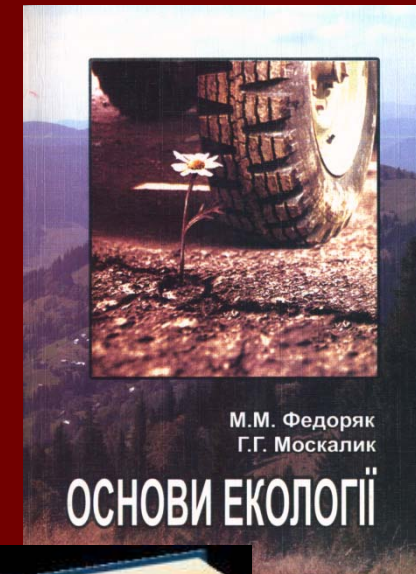
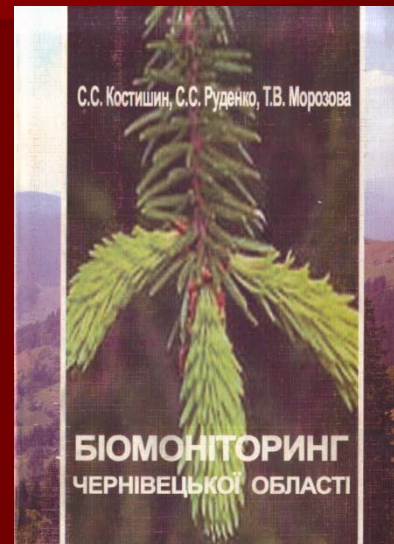
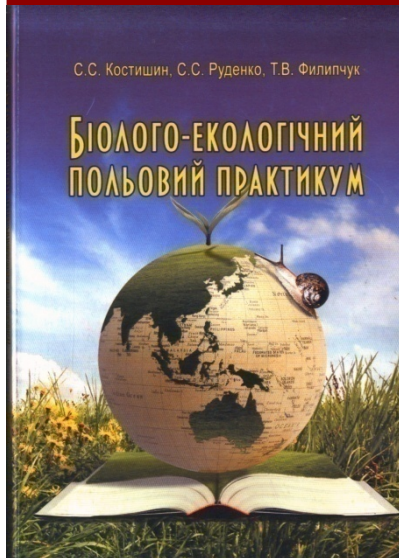
# Graduates of the Department are employed at:

- Each year 25 bachelors and 20 masters graduate from the Department.
- Postgraduate School, Higher Doctorate and Scientific Council of the defense of theses in "Ecology".



- subdivisions of the State Department of Environmental Protection;
- State Environmental Inspectorate;
- enterprises and sanitary-epidemiological service as environmental engineers ;
- State Plant Quarantine Inspection;
- Research institutes;
- Colleges and Universities.

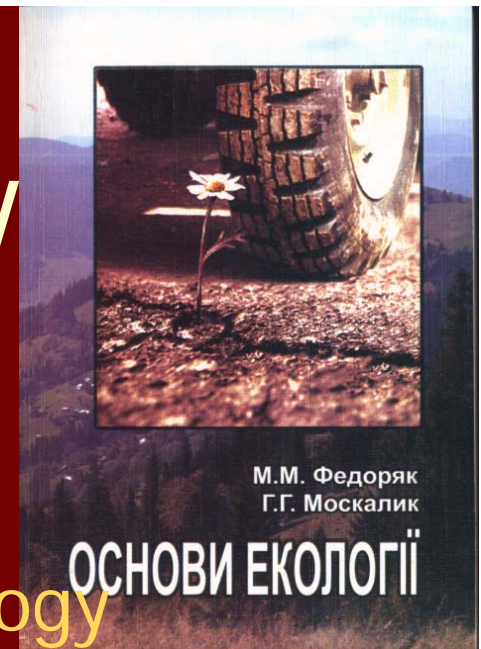
37 textbooks, 8 monographs & more than 250 scientific articles have been published during last 10 years



# We teacher Fundamentals of Ecology

for the students of all Faculties

in accordance with their professional needs



## ■ Fundamental ecology

- What is Ecology?
- Biotic and abiotic environmental factors;
- Population abundance & growth;
- Structure of an ecosystem;
- Cycling of elements within an ecosystem;
- Biosphere

## ■ Applied ecology

- Ecology as a basic principal for environmental protection;
- Global ecological problems;
- The main forms of anthropogenic influence;
- Pollution control;
- Natural resources;
- Pest management;
- Conservation of biodiversity



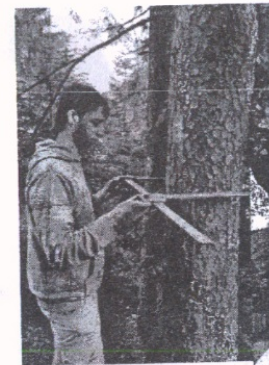
The regional concept of Environmental education was created, published and is implementing.



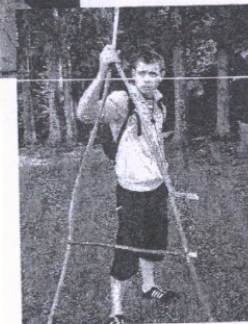
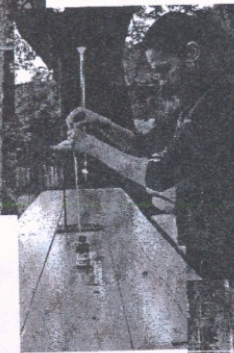
С. С. Руденко  
М. Й. Бауер  
С. С. Костишин  
О. Д. Зароченцева



**РЕГІОНАЛЬНА  
КОНЦЕПЦІЯ  
ЕКОЛОГІЧНОЇ ОСВІТИ**

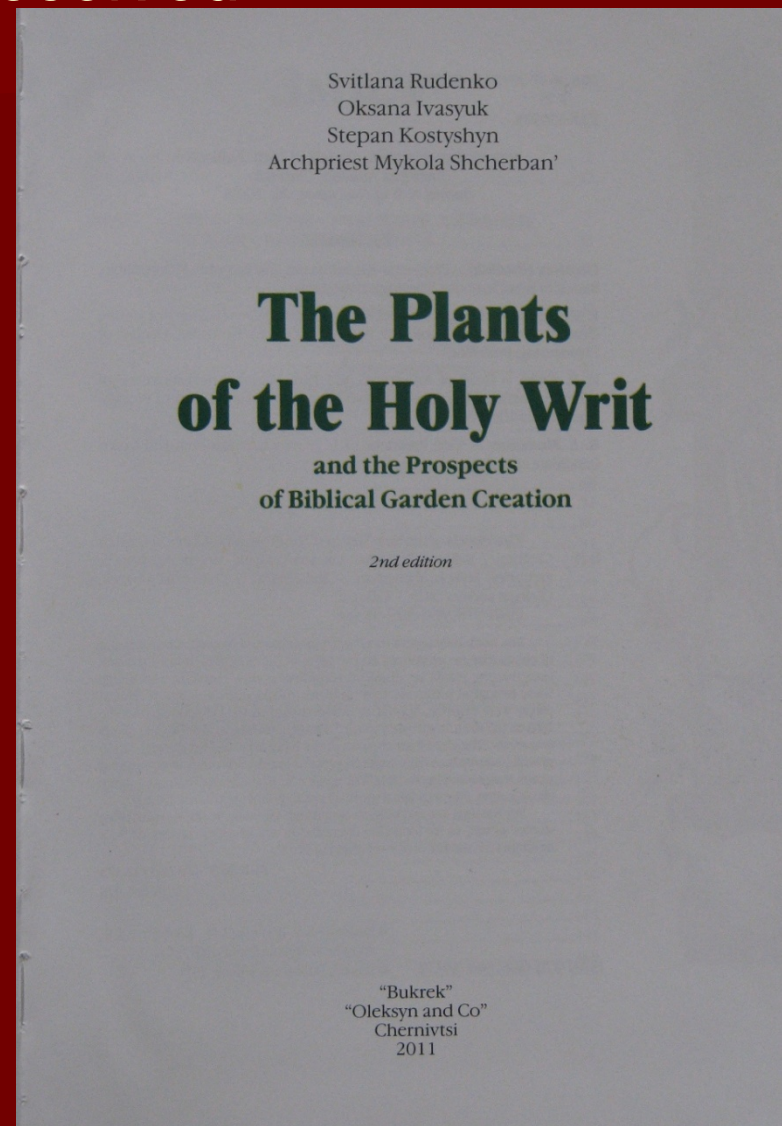


S.S. Rudenko  
M.I. Bauer  
S.S. Kostyshyn  
O.D. Zarochentseva



**REGIONAL  
CONCEPT OF  
ENVIRONMENTAL  
EDUCATION**

The \$ 1 million grant for arranging of Biblical Garden on the territory of Chernivtsi University has been received



# Collaboration with schools, colleges, technical colleges

- The Department has the Agreement on cooperation with 50 schools, colleges, technical colleges of the Region
- The members of the Department regularly take part in seminars, trainings, meetings for teachers of schools, colleges, technical colleges of the city and region



## Contact Information

**Thank  
you for  
attention!**

Yuriy Fedkovych Chernivtsi National University  
2 Kotsiubynskyy Str.  
58012 Chernivtsi, UKRAINE

Web-site: [www.chnu.edu.ua](http://www.chnu.edu.ua)

