



CCIC Meeting

Prague, CZ, 18-20 February 2014

BioREGIO project

Red Lists of Habitats, Species, List of IAS

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Jointly for our common future





**SOUTH EAST
EUROPE**
Transnational Cooperation Programme

WP3 Database development



Objectives:

- Carpathian Red List of Species and Habitats
- List of invasive alien species
- Joint Biodiversity Information System

Main outputs:

- Web based catalogue of most endangered species and habitats and IAS
- Publication

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Preliminary results

HABITATS PLANTS

	DD	LC	NT	VU	EN	CR	EX	RE
Forest habitats	1	10	4	19	7	12		
Non-forest habitats								

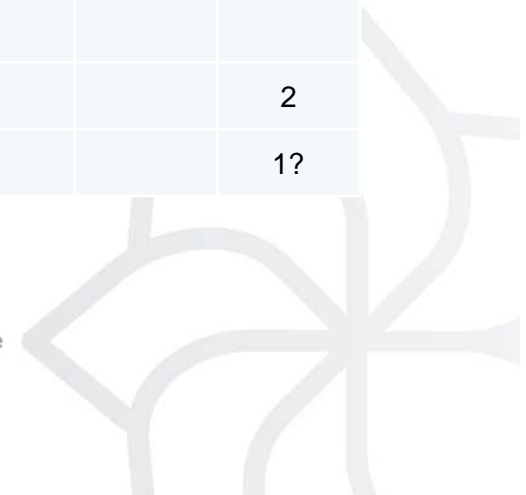
	DD	LC	NT	VU	EN	CR	CR (PE)	EW	EX	RE	RE?
Vascular plants	18	198	387	202	140	100	4			32	13



Preliminary results

ANIMALS

	DD	LC	NT	VU	EN	CR	EW	EX	RE
Mollusca	46	234	42	30	6	1			
Arachnida	93	249	134	183	175	76		2	15
Odonata	11	43	10	5	4				
Orthoptera	4	8	8	7	6	1			
Lepidoptera				27	25				2
Osteichthyes / Petromyzontiformes	1	16	21	16	4	1			3
Amphibia			3?	8	0	0			
Reptilia				5	2	1			
Aves					13	5			2
Mammalia	2			8	1	3			1?



Preliminary results

INVASIVE ALIEN SPECIES

	selected as invasive	probably invasive
Vascular plants	33	6
Mollusca	4	
Arthropoda	7	3
Fish	5	
Reptiles	1	
Mammals	3	

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Output

- result of scientific consensus reached by experts
- list of Carpathian taxa clasified in IUCN categories, described by criteria, data on endemism and listing in relevant annexes (HD, BD, Bern), documentation to each categorized species and distribution maps
- List of Carpathian IAS of plants and animals

Template

	IUCN RL category (Carpathians)	IUCN RL criteria (Carpathians)	Endemic to Carpathians	HD/BD Annexes	Bern Convention Annexes
Order					
Family					
Species	VU	A2cde	Yes/No	II	II

- Technical part – finalizing the RL and IAS
- Political part – decisions of CC Parties and bodies

Status

- Fit for submission and adoption (plants, some animal groups, forest habitats)
- Testing model – update of lists
- New project on Carpathian Red Lists and identification of endemic species of the Carpathians



Tasks

- Finalise the Red Lists, List of IAS of the Carpathians – 30.3.2014
- Presentation to the CC Biodiversity WG
- Preparation of publication – April 2014
- Publication ready for BioREGIO final conference
- Submission to the COP4 and decision – adoption or further development – 24-27 September 2014



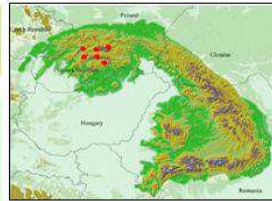
Shortcomings and lessons learned

- Not full representation of countries (CZ-)
- Limited funds
- Limited possibilities to influence selection and contracting of national experts and to reach national data-holders (not all groups covered), scientific institutions
- Public procurement procedures – late start, delay
- Communication – misunderstanding
- Behind time schedule (originally end of 2013)
- Specific scientific project more suitable, not as one of a number of activities



Proposal to print a book on Red listed plants

Stračonôžka tatranská **(*Delphinium oxyspalum*)**



Autori: Borbás et Pax

Syn: *Delphinium alpinum* auct. non Waldst. et Kit.; *Sloboda*, *Delphinium elatum* auct. non L.

Pol: Ostrôžka Tatranska

Čeľaď: iskernikovitë

Kvitnutie: VII-VIII

Biotop: žľaby, sutiny, vysokobylinné nivy

Vegetačný stupeň: (mont)-subalp-alp

Rozšírenie: SK, PL (Tatry, Chočské vrchy, Nízke Tatry, Malá Fatra, Muránska planina)

Status: západokarpatský paleoendemit

Ohrozenie a ochrana: SK (VU, S)

Poznámka: zvyšok starej treťohornej flóry



Nespevnené vápencové sute so
stračonôžkou tatranskou v Tomanovskej
doline (Západné Tatry)



Detail súkvetia



Stračonôžka tatranská je paleoendemitom Západných Karpát



Stračonôžka tatranská má najhojnejší výskyt v Tatrách (Vysoké Tatry - Bielovodská
dolina)