Development and utilization of database on the Tatra Mts. fauna









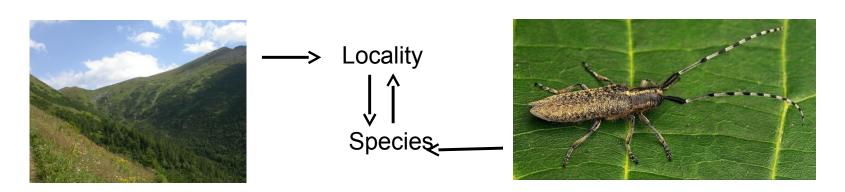
L'ubomír Vidlička Institute of Zoology



# Grant: ITMS 26220220087: The development of ecological methods to control chosen forest pests in vulnerable mountainous regions of Slovakia.

#### Part:

Establishing of modern database of animals living on territory of Tatry Mts. and their surroundings.











Access\*2010

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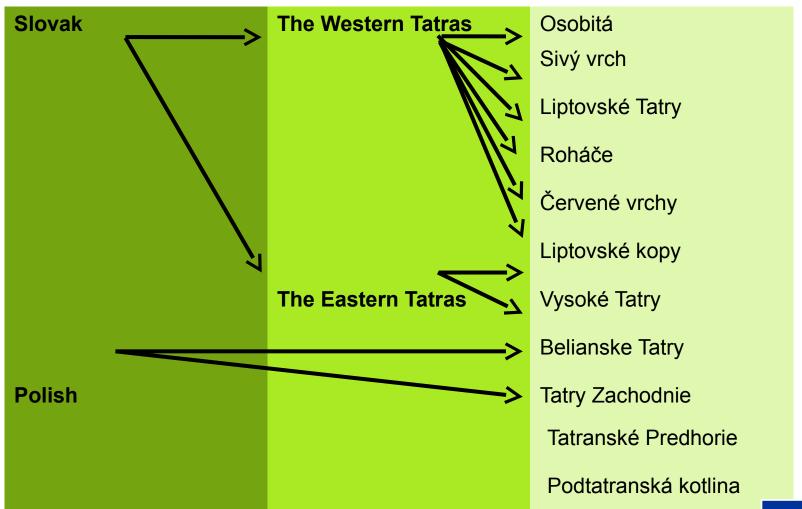
**33.**Office

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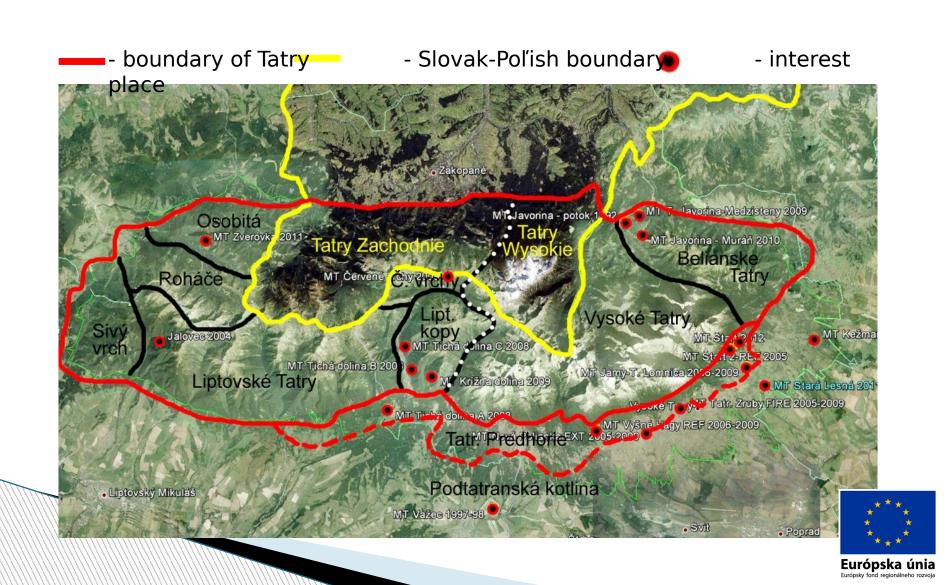
### **Structure of Tatry Mts.:**



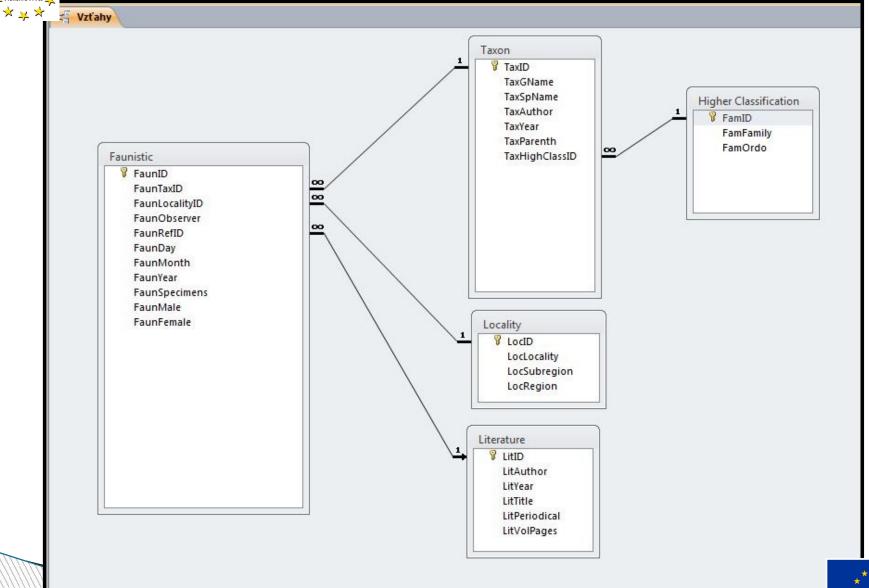




### Structure of interest area:











### Insertion of taxons (on the species level):

Navigation Form	
Navigat	tion Form
Ne	ew Source View data Add faunal data
New Taxon	Add Taxon
New Locality	
New Literature	TaxID (Nové)
	Genus
	Species
	Author
	Year
	()
	Family





### Insertion of localities (and their categorization):

Navigation Form			
Navig	ation Form		
	New Source Data	ew data Add faunal data	
New Taxon	Add	New Locality	
New Locality			
New Literature	LociD	(Nové)	
	Locality		
	Subregion		_
	Region		•
			_





## Insertion of published sources (articles, chapters, monographies):

Navigation Form	V-				
Navig	gation For	m			
	New Source Data	View data	Add faunal data		
New Taxon	-= A	Add New I	Literature		
New Locality					
New Literature	LitID	(Nové)			
	Author			~	
	Year				
	Title				
	Periodic	al			
	VolPage	es			





### Insertion of new faunistic data:

- Navigation Form				
Navigat	ion Form			
Ne	w Source View data	Add faunal data		
Faunistic	New Faun	al Data		
Taxon File  Locality file	FaunID (Nové)			
	Taxon			
	Locality			
	Observer			
	Reference			-
	Day		Specimens	
	Month		Male(s)	
	Year		Female(s)	







List of species on the base of localities:

Európska únia

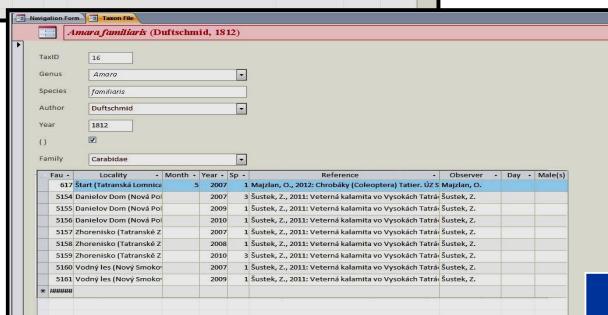
	chá dolina - Smrečina B (Podbanské-Z	-					
LocID	19						
Locality	Tichá dolina - Smrečina B						
Subregion	Podbanské	]					
Region	Západné Tatry						
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	-t Dt 4047 [Tb Cb-d1						
4749	atus Putzeys, 1847 [Trechus, Carabidae]	8	2008	1	Majzlan, O.		
	nelanocephalus (Linnaeus, 1758) [Calathus, Carabidae]	7	2008		Majzlan, O. Majzlan, O.		
4750		5 8		1			
4750 d	nelanocephalus (Linnaeus, 1758) [Calathus, Carabidae]	8 7 5	2008	1 1	Majzlan, O.		
4750 d 4759 d 4760 d	nelanocephalus (Linnaeus, 1758) [Calathus, Carabidae] turmi Brisout, 1863 [Choleva, Leiodidae]	5 9 8	2008 2008	1 1 2	Majzlan, O. Majzlan, O.		
4750 ( 4759 : 4760 : 4765 (	nelanocephalus (Linnaeus, 1758) [Calathus, Carabidae] sturmi Brisout, 1863 [Choleva, Leiodidae] sturmi Brisout, 1863 [Choleva, Leiodidae]	8 7 7 5 9 8 8 9 9	2008 2008 2008	1 1 2 1	Majzlan, O. Majzlan, O. Majzlan, O.		
4750 d 4759 d 4760 d 4765 d 4766 d	nelanocephalus (Linnaeus, 1758) [Calathus, Carabidae] sturmi Brisout, 1863 [Choleva, Leiodidae] sturmi Brisout, 1863 [Choleva, Leiodidae] nigriclavis Gerhardt, 1900 [Catops, Leiodidae]	8 7 5 9 8 9	2008 2008 2008 2008	1 1 2 1	Majzlan, O. Majzlan, O. Majzlan, O. Majzlan, O.		





List of localities on the base of species:

Európska únia





### Benefit for utilization of the database:

- quick generation of species lists for various localities and various territories
- comparison of changes in animal species composition on selected areas in time
- screening of distribution of selected animal species (in the future possibility of connection on distribution maps)
- quickl comparison of historical and actual distribution of selected taxa
- connection with picture database of selected animal species



### Acknowledgement

This presentation had been funded by the Operational Program of Research and Development and co-financed with the European Fund for Regional Development (EFRD). Grant: ITMS 26220220087: The development of ecological methods to control chosen forest pests in vulnerable mountainous regions of Slovakia.



### Thanks for attention