



# **PRESENT SITUATION ON BIRD ATLAS WORKS IN SLOVAKIA**

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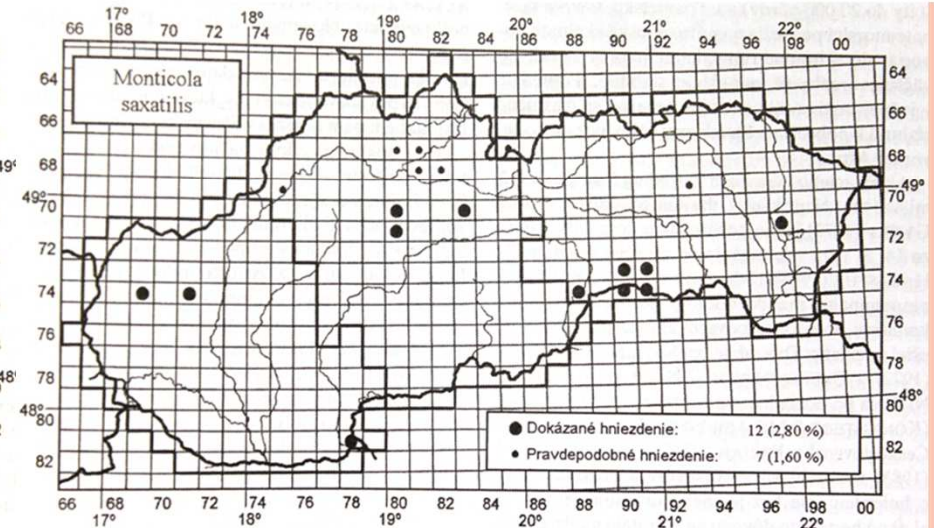
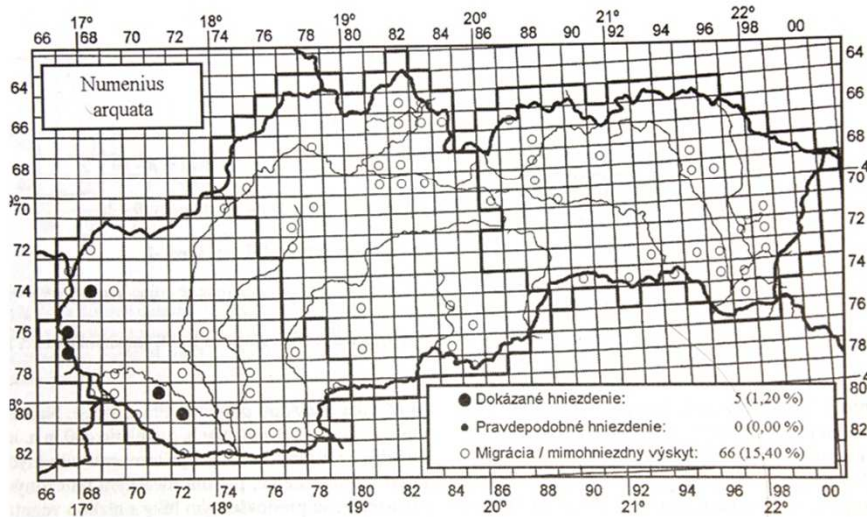
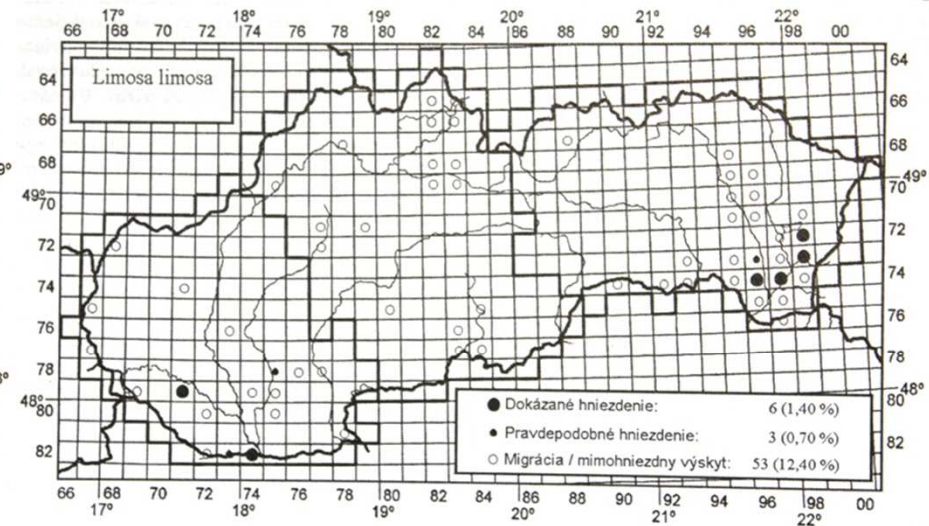
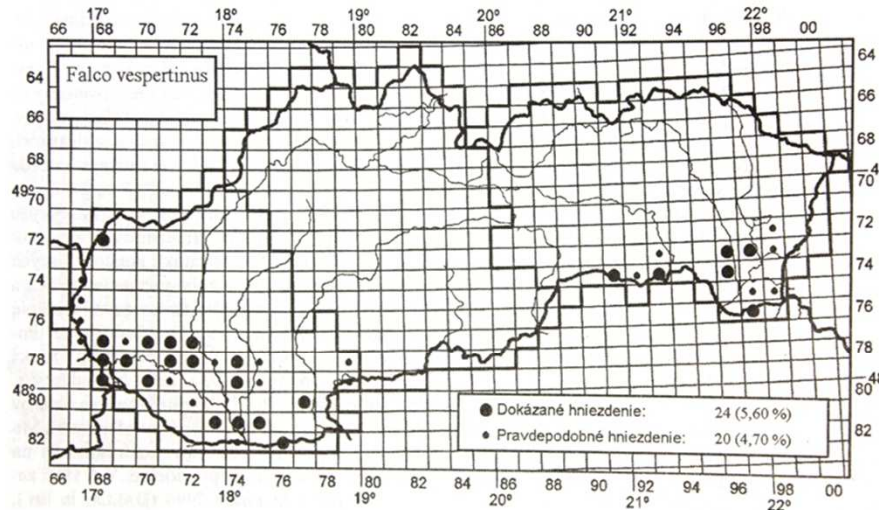


# LAST BIRD ATLAS IN 2002

- In 2002 was published last bird atlas in Slovakia
- Another data were published in Czechoslovak studies before 2002, but none from them had complete data from Slovakia
- **Atlas from 2002 was first real bird atlas mapping bird distribution in whole Slovakia** filling gaps in knowledges from previous works/publications
- Bird distribution was registered in 429 squares with size 12x11 km (the same like in Czech Republic)
- This size of squares is used until now for different bird studies at national level
- Some data are not actual today, due to fast changes in bird distribution in Slovakia



# EXAMPLES OF TODAY MISSING SPECIES IN SLOVAKIA (NOT IN 2002)



# PLANS FOR NEW BIRD ATLAS

- several bird species breeding according to data in 2002 are now missing in Slovakia
- several new species are breeding in Slovakia (*Motacilla citreola*, *Tadorna tadorna*, *Mergus merganser*)
- bird distribution for some species is different (*Lyrurus tetrrix* – decrease, *Strix uralensis* – increase)
- also knowledges are much better than in 2002 and network of birdwatchers much wider
- **Therefore steering committee of Slovak Ornithological Society agreed to initiate works on new bird atlas in 2012**
- During membership meeting of SOS/BirdLife Slovakia at 23rd March that will be discussed
- Therefore outputs from Barcelona are important for SK





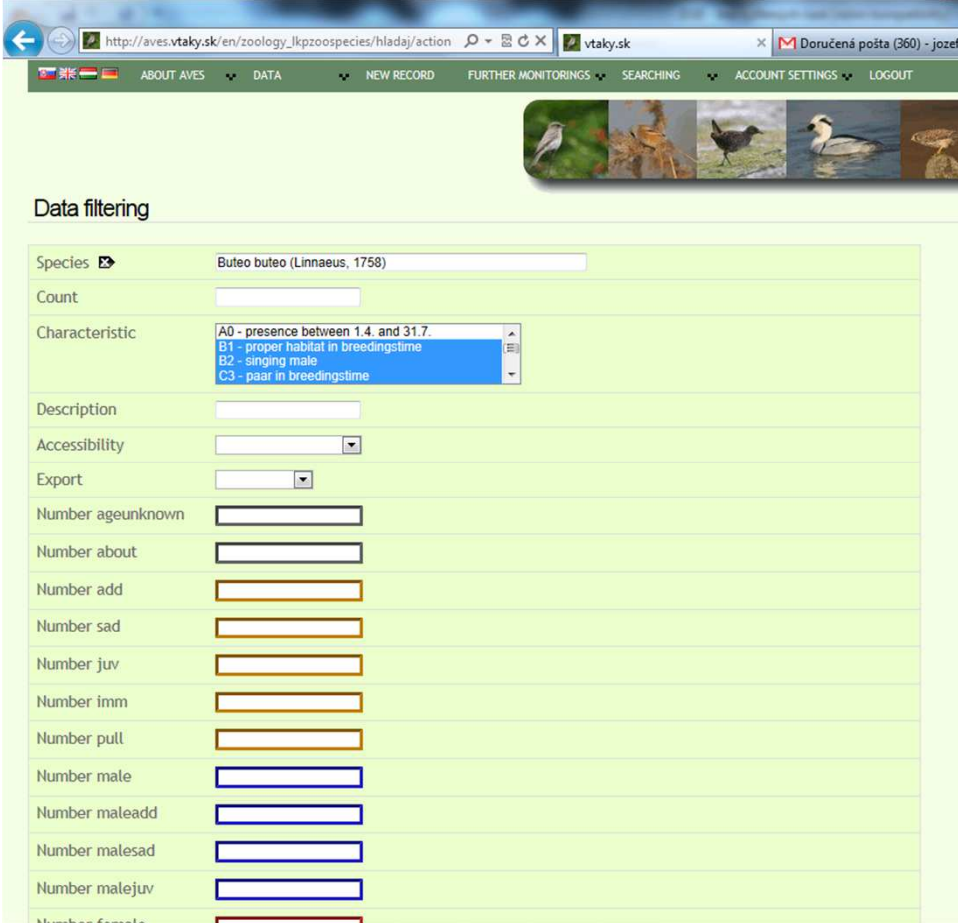
# QUESTIONS TO SOLVE

- **membership meeting of SOS/BirdLife Slovakia at 23rd March should solve several questions**
- whether we will participate only in EBBA works, or we will use start EBBA also for starts of works on national atlas
- how to evaluate data
- shall we use our national size of mapping squares (12x11 km)
- or shall we use UTM squares (10x10 km)
- problem is not evaluation of data, due to fact that majority of data today are gathered on exact local level, not only in summarizing data forms for particular square
- problem is possible comparison with atlas in 2002
- Today is well working online system of gathering data



# ONLINE BIRD DATABASE

- Today SOS, Slovak Academy of Sciences and RPS runs online database Aves (<http://aves.vtaky.sk/>)
- About 100000 data yearly
- Data written on exact locality basis
- It is possible to filter data according to species, according to category B1-D16 or combination
- **It is possible to show filtered data in maps** with marked squares where are placed these data (12x11 km and also 10x10 UTM) – **basis for atlas works**
- Not everybody writes data on locality level, therefore we are preparing summarizing forms for squares
- Already now we have enough data for 50x50 km squares
- If some organization would like to use this online system it is for free

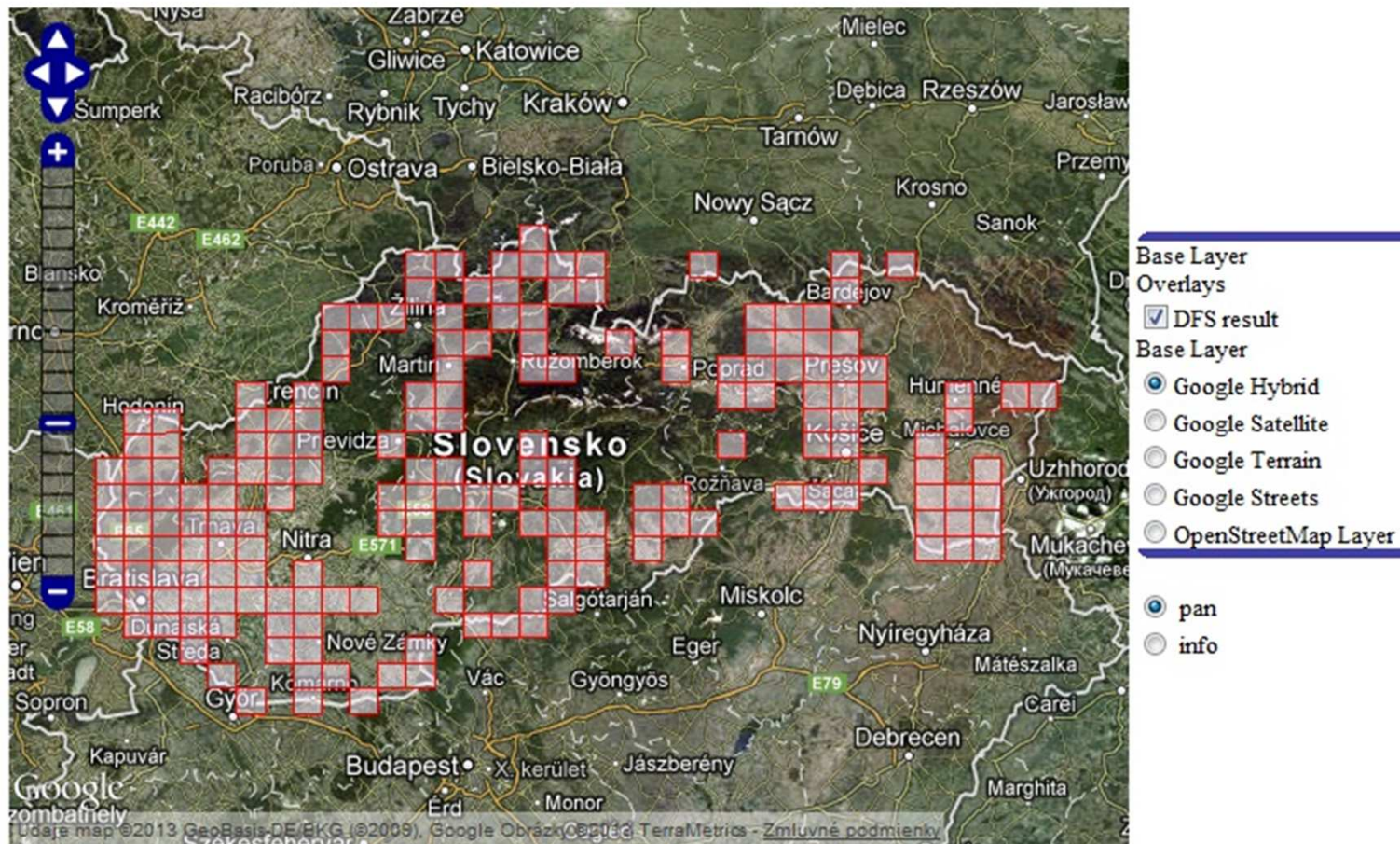


The screenshot shows a web browser window with the URL [http://aves.vtaky.sk/en/zoology\\_lkpzoospecies/hladaj/action](http://aves.vtaky.sk/en/zoology_lkpzoospecies/hladaj/action). The page title is "vtaky.sk". The navigation menu includes "ABOUT AVES", "DATA", "NEW RECORD", "FURTHER MONITORINGS", "SEARCHING", "ACCOUNT SETTINGS", and "LOGOUT". There is a banner image of various birds. The main content area is titled "Data filtering" and contains a form with the following fields:

Species	Buteo buteo (Linnaeus, 1758)
Count	<input type="text"/>
Characteristic	<ul style="list-style-type: none"><li>A0 - presence between 1.4. and 31.7.</li><li>B1 - proper habitat in breedingtime</li><li>B2 - singing male</li><li>C3 - paar in breedingtime</li></ul>
Description	<input type="text"/>
Accessibility	<input type="text"/>
Export	<input type="text"/>
Number ageunknown	<input type="text"/>
Number about	<input type="text"/>
Number add	<input type="text"/>
Number sad	<input type="text"/>
Number juv	<input type="text"/>
Number imm	<input type="text"/>
Number pull	<input type="text"/>
Number male	<input type="text"/>
Number maleadd	<input type="text"/>
Number malesad	<input type="text"/>
Number malejuv	<input type="text"/>
Number female	<input type="text"/>

# FEW EXAMPLES

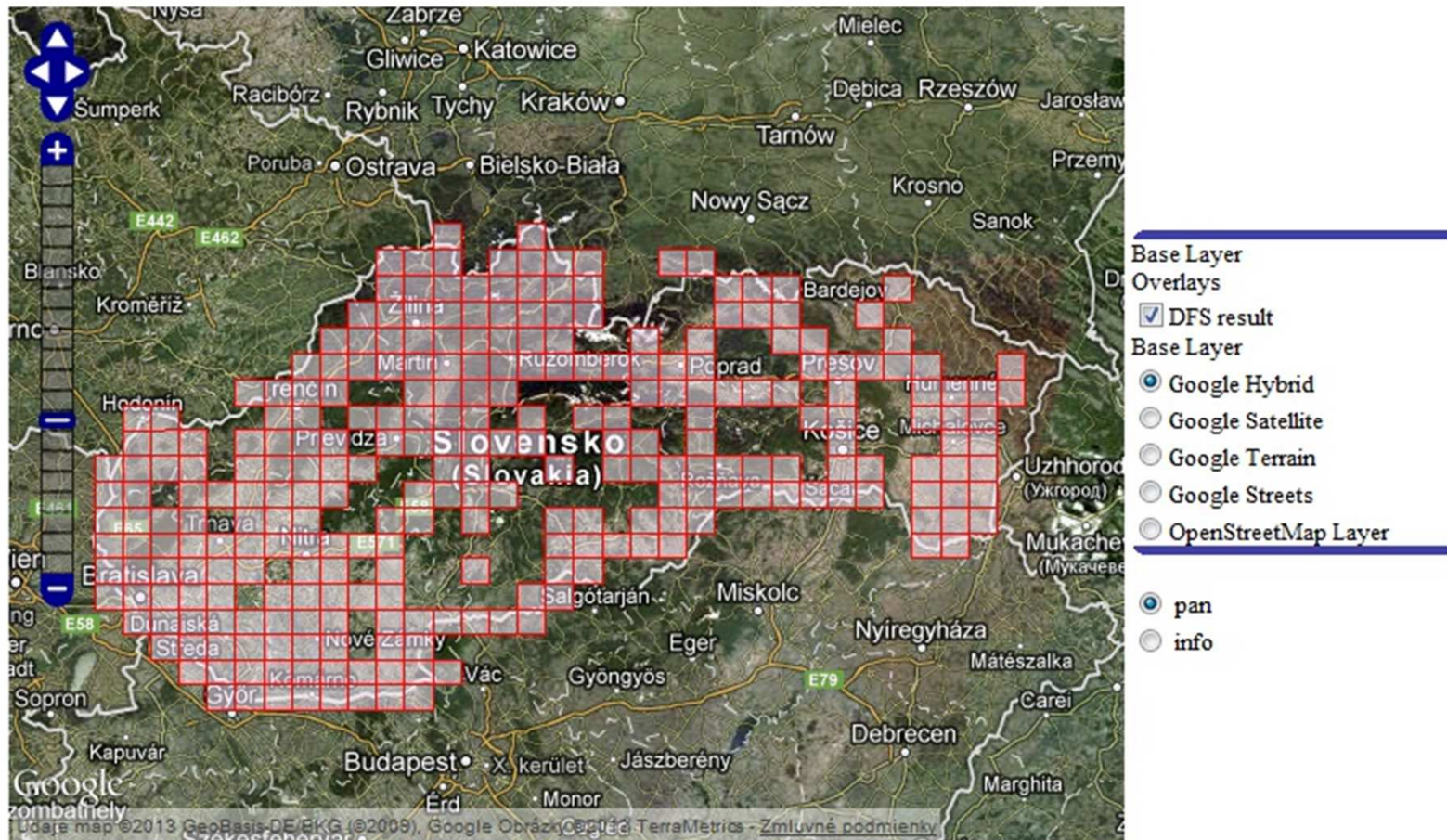
*Buteo buteo* – breeding in last two years Slovakia (online data only)





# FEW EXAMPLES

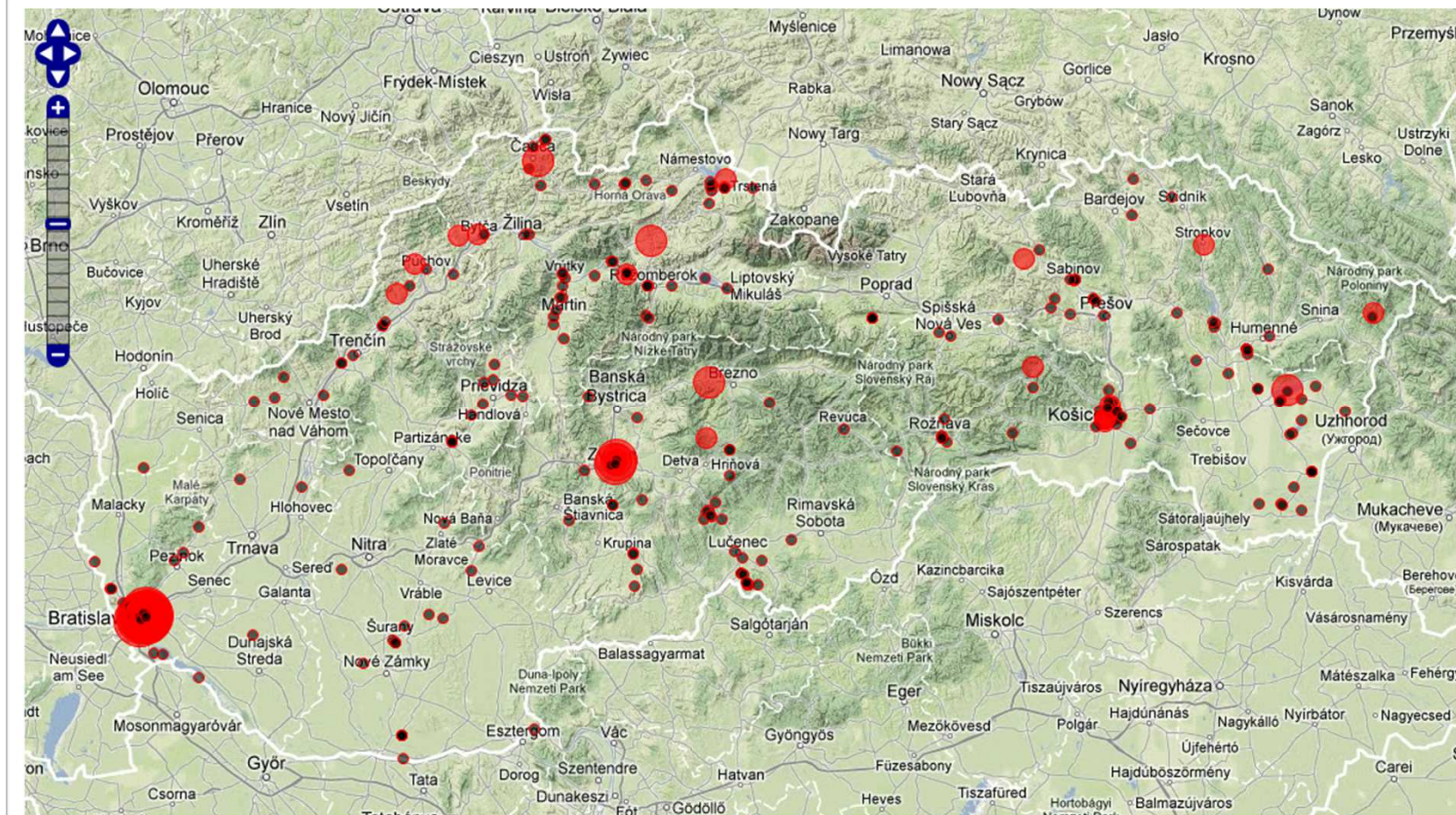
*Anas platyrhynchos* wintering in Slovakia in last years (online data)





# FEW EXAMPLES

*Bombycilla garrullus* 2012/13 (largest single flock 5120 individuals)



# CONCLUSIONS

- today is completely different situation on bird distribution than in 2002 in Slovakia
- but also much more wider network of birdwatchers
- well established online databases (not only BirdLife) are working
- **therefore we are very optimistic about future atlas works in Slovakia**
- **providing data for EBBA atlas should be no problem in GRID 50x50 km**
- if there is possibility to help to other countries (by providing our online system, announcing where gaps of coverage are for interested birdwatchers) we can do it

**Thanks for attention!**

