



European Breeding
Bird Atlas 2 -
MAVA Project in Croatia

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I will not give you:

- *the overall overview of the project in Croatia.*
- *description of methods used*

I will :

- *describe conditions of the MAVVA project in Croatia.*
- *share experience with MAVVA project*

Situation in Croatia - people

- *Croatian Agency for the Environment and Nature (CAEN) - central Croatian gov. institute dealing with expert tasks of nature conservation*

Responsibilities: coordination of species inventory and monitoring, conservation status assessment, action plans development...

- *Institute of Ornithology - gov. scientific institution*

- *>5 NGO's dedicated to birds*



- *60-100 people (20 professionals) dealing with birds - numbers doubled since 2014!*
- *Number of volunteers is rising but skilled bird watchers and field ornithologist must be payed for their work*

Situation in Croatia - data

NIP Project 2014-2016 - huge inventory and mapping project - state money - loan from the International Bank for Reconstruction and Development (IBRD)

Mapping of breeding birds in whole Croatia - based on timed visits in different habitats (2 visits, point - transects)

Rare and endangered bird species monitoring projects 2013-2017

Common farmland birds monitoring

Payed by government money -2013. EU accession consequence

Situation in Croatia – data (for EBBA2)

CAEN database (xls)

-80 000 NIP project

-60 000 other inventory and monitoring projects

Ornithoportals >117 000 records

703 BirdTrack

33 855 eBird

66 536 Observation.org

17 000 Croatian Naturalist App

New data – still arriving !!!

Conditions

2013:

- Lots of data (for common species & most of the rare species)
- Enough good data!
- No people for data mining
- Lack of the data for many wetland birds, several mountain and nocturnal species



Conditions



2015 – 2017: MAVA project supported

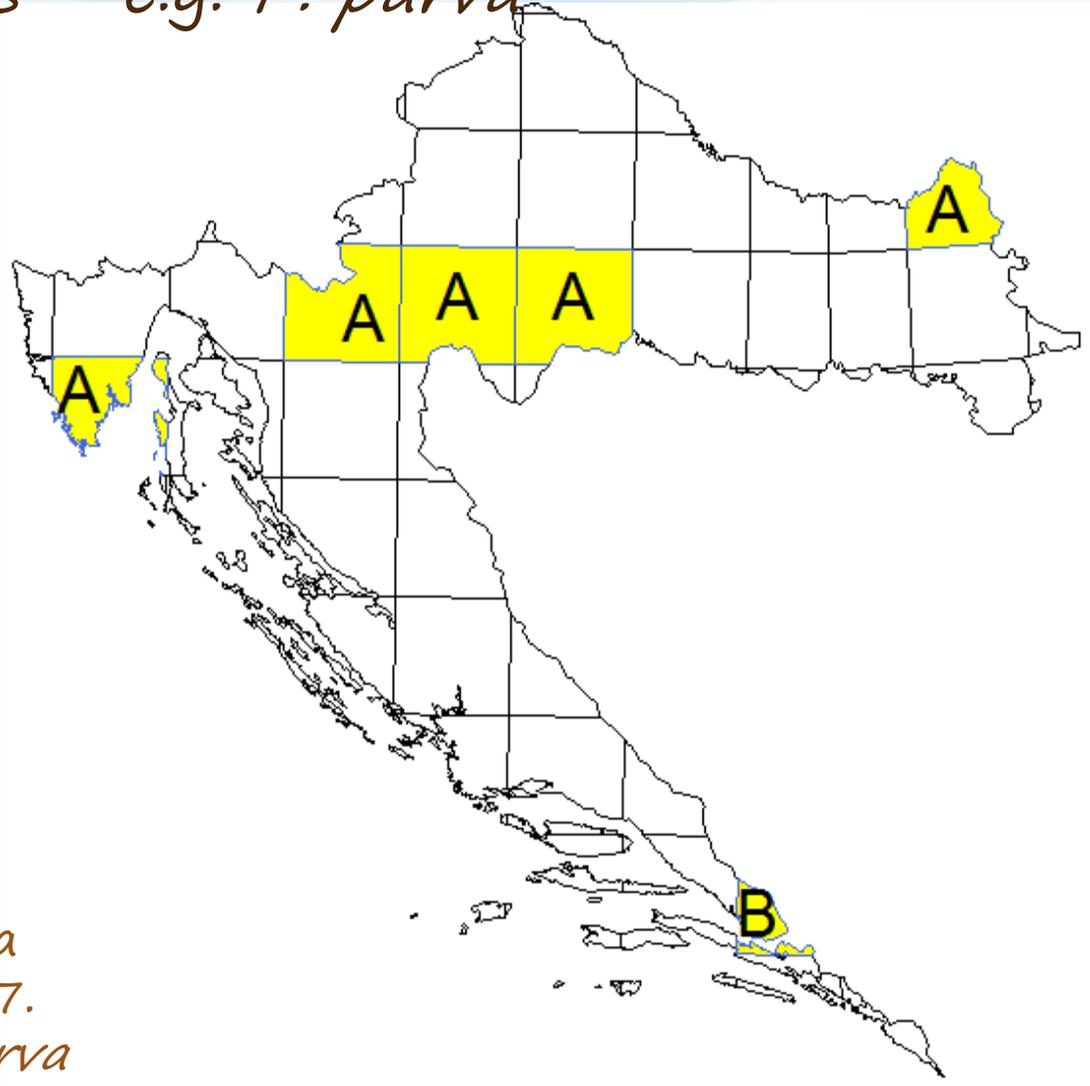
- Fieldwork – new data on specific species on under-surveyed areas (2015,2016,2017)
- Workshops (2015,2016) – fieldworkers capacity building
- Coordination and entering data in forms (2015-2017)



Outputs of the project (besides EBBA2 data for Croatia)

Despite efforts breeding evidence for some species is still missing:

Revision of current/national breeding status of some species – e.g. *P. parva*



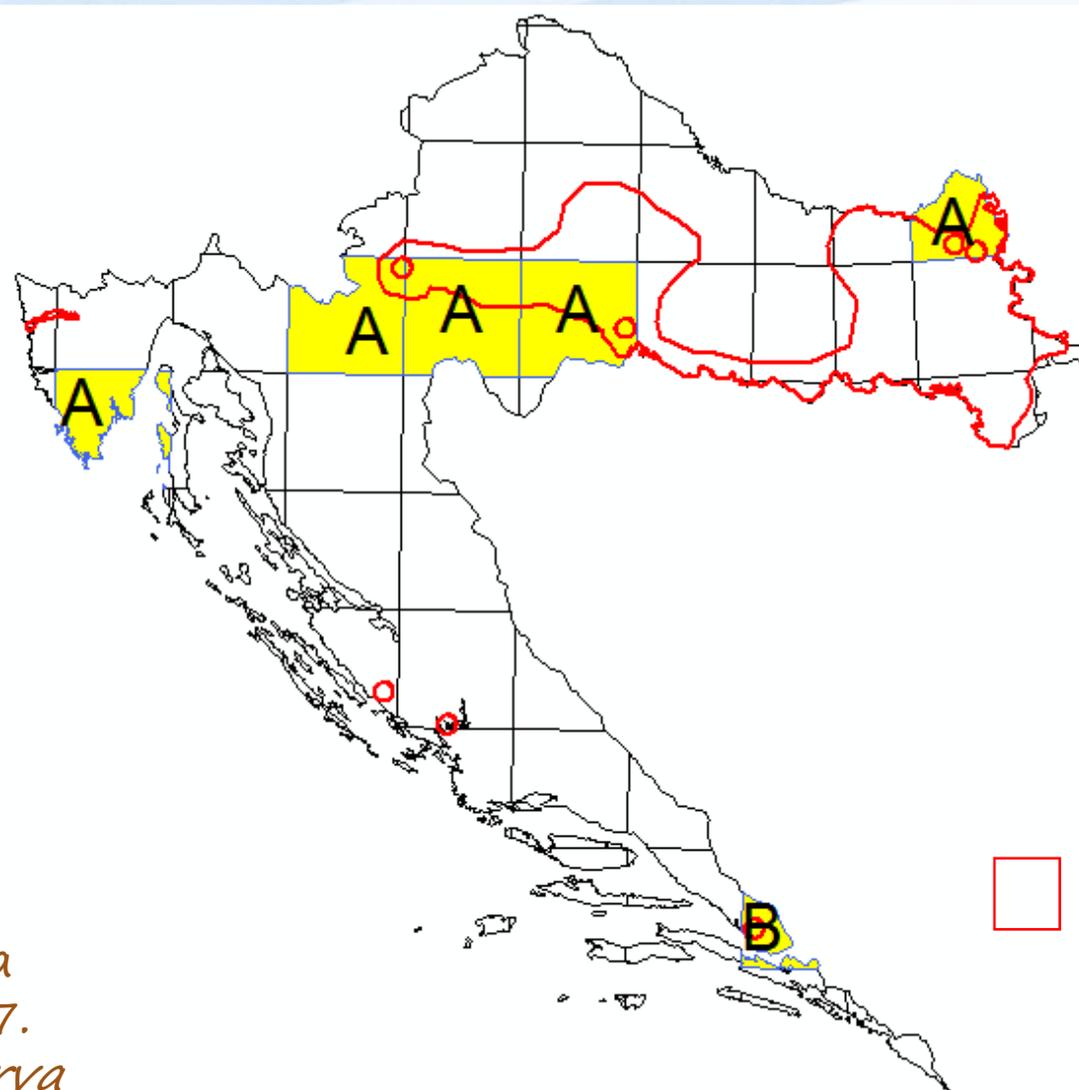
EBBA2 data
2013-2017.



Porzana parva

A=1-9 p

B=10-99 p

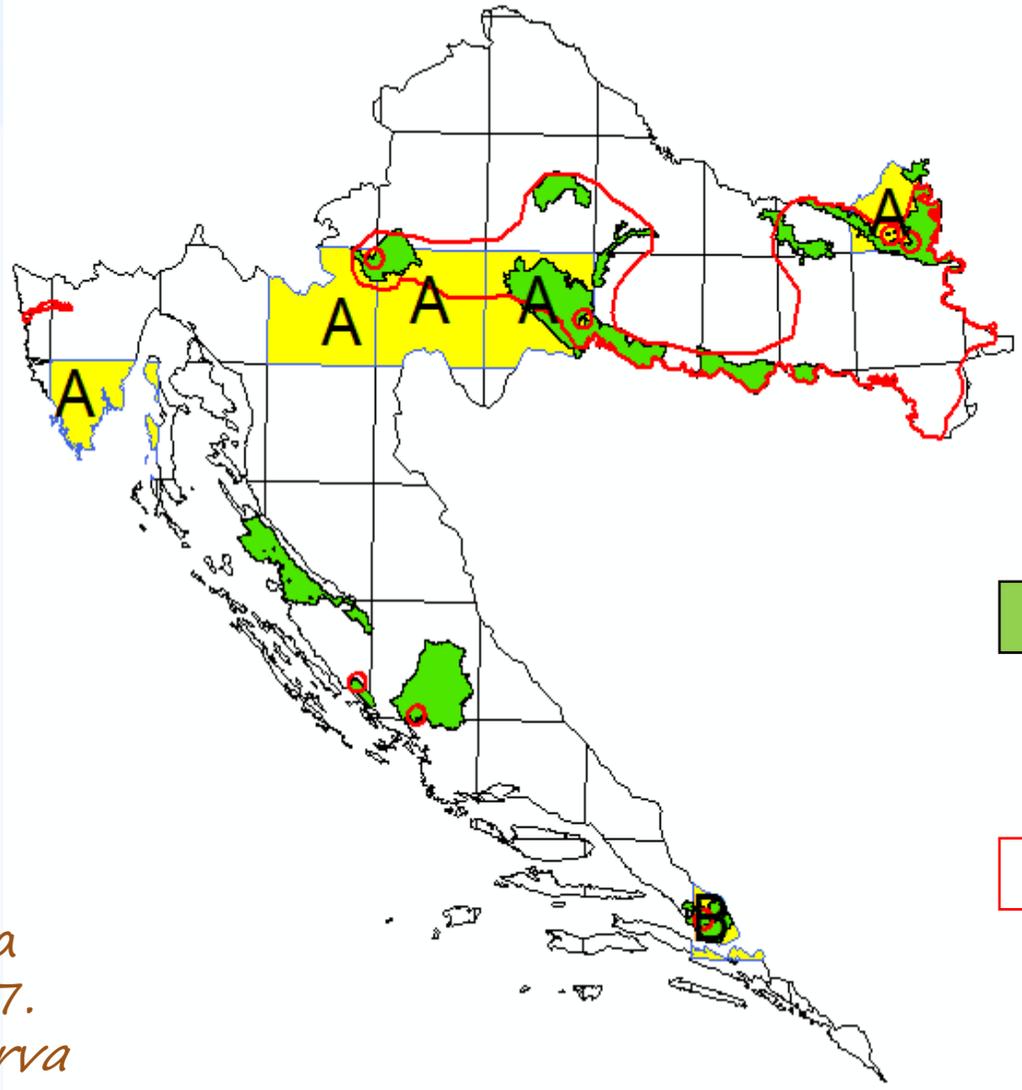


EBBA2 data
2013-2017.

Porzana parva
 A=1-9 p
 B=10-99 p

Porzana parva
 breeding range;
 Red Book of
 Croatian Birds
 2013

Solution: present only real data in EBBA2
revise/update data for NATURA2000 sites



■ NATURA2000 SPA

□ *Porzana parva* breeding range; Red Book of Croatian Birds 2013

EBBA2 data 2013-2017.

■ *Porzana parva*
A=1-9 p
B=10-99 p

Outputs of the project (besides EBBA2 data for Croatia)

- EBBA2 workshops were trigger for annual meetings of ornithologists and birdwatchers (4th such meeting was organized on November 23-24th 2017 by BIOM)
- Important parts of each meetings: introduction of atlas methodology and importance of using digital applications for recording bird observations



Lesson learned

- Use of atlas codes = even small effort of individual birdwatcher can help to huge projects to happen
- Database = presenting data in unique way will speed up the project of data analysis
- Data for modeling species distribution = extra burden – more than expected
- Foreign data providers = extra burden (data delivered in different formats, communication on field-trip planning etc.) – more than expected

Thank you!

