Report monitoring process of revitalization 2015

The monitoring of the birds and water level were performed with main focus on detailed monitoring of the trigger species in project SPAs during year 2015. Used methodology is same as in year of initial monitoring.

1.2 Results

1.2.1 SPA Parížske močiare

In SPA Parížske močiare marshes was during monitoring within the project recorded following birds species in described breeding population, density of numbers recorded during migration (bird species in alphabetical order):

Table 1 – The list of the bird species recorded within the SPA Parížske močiare in y. 2014-2015. Altogether 92 of species were observed in the area of SPA.

Species	Recorded numbers during non-breeding season and migration y. 2014-15	Recorded number of breeding pairs or calling males during breeding season y. 2014-15	Character of occurance of species in y. 2014-15
Accipiter nisus	1		M
Acrocephalus arundinaceus		56-104	B
Acrocephalus palustris		7-9	B
Acrocephalus scirpaceus		58-134	B
Acrocephalus schoenobaenus		4-12	B
Acrocephalus melanopogon		6-7	B
Aegithalos caudatus		5	B
Alauda arvensis		3	B
Alcedo atthis	2	1	W, M, B
Anas crecca	2-115		W, M, B
Anas galericulata	4		W
Anas penelope	1		W, M
Anas platyrhynchos	10-100	20-40	W, M, B
Anas querquedula	14	2-4	M, B
Anser anser	50-60	2-10	W, M, B
Anser albifrons	2		W, M
Anthus pratensis	1		M
Ardea cinerea		1-5	W, M, B
Ardea purpurea		1-2	M, B
Aythya ferina	1	1	M
Botaurus stellaris		1	B
Buteo buteo	4	2	W, M, B
Carduelis cannabina		3	B
Carduelis carduelis	6	3-5	W, M, B
Carduelis chloris	25	8-13	W, M, B

Carduelis spinus	15		M, W
Ciconia ciconia		1	F
Circus aeruginosus	21	18-24	M, B
Coccothraustes coccothraustes	1		M
Columba palumbus		5	B
Corvus corax	3		M
Corvus cornix		3	B
Cuculus canorus		11-23	B
Cygnus olor		3-4	W, M, B
Delichon urbicum	2-20		F, M
Dendrocopos major		3	W, B
Dendrocopos syriacus	1		M
Egretta alba		65-80	W, M, B
Emberiza citrinella		2	W, M, B
Emberiza schoeniclus	5	16-32	W, M, B
Erithacus rubecula		3	M, B
Fringilla coelebs		5	B
Fulica atra		7-14	B
Gallinago gallinago	1		M
Gallinula chloropus		22-42	M, B
Garrulus glandarius	2	1	W, M, B
Hippolais icterina		2-5	B
Hirundo rustica	350		M, F
Ixobrychus minutus		2-4	B
Jynx torquilla		1	B
Lanius collurio		6	B
Lanius excubitor	1		W
Locustella luscinioides		42-118	B
Locustella naevia		1	B
Luscinia megarhynchos		10-19	B
Merops apiaster	20-42	10-17	B, F
Motacilla alba	11	1	M, B
Motacilla flava		1	B
Muscicapa striata		1	B
Nycticorax nycticorax	1-10		M, F
Oriolus oriolus		5	B
Panurus biarmicus		8-27	W, M, B
Parus caeruleus	4	2	W, M, B
Parus major	12	5	W, M, B
Passer domesticus	10		W, F
Passer montanus	100	3-7	W, B
Phalacrocorax pygmeus	5		M
Phasianus colchicus		6	W, B
Phylloscopus collybita	3	14	M, B
Phylloscopus sibilatrix	1		M
Porzana parva	28	6-11	M, B

Rallus aquaticus	11	33-56	W, M, B
Remiz pendulinus	1	10	M, B
Riparia riparia	20	255	M, B, F
Saxicola torquata		3	M, B
Serinus serinus		2	B
Sitta europaea	1	1	W, M, B
Streptopelia decaocto	10	4	W, M, B
Streptopelia turtur		6-8	M, B
Sturnus vulgaris	30 000	17	W, M, B
Sylvia atricapilla		47	B
Sylvia communis		2	B
Sylvia curruca		3	B
Sylvia nisoria		1	B
Tachybaptus ruficollis		6	B
Tringa glareola	1		M
Troglodytes troglodytes	2		W
Turdus merula		9	W, M, B
Turdus philomelos		4	B
Turdus pilaris Linnaeus	60		Z, M
Vanellus vanellus	3	1-3	M, B

Table 2 – Populations of the trigger bird species in SPA Parížske močiare marshes, calculating of the breeding density and estimation of the population in SPA Parížske močiare marshes in year 2015.

Species	***Estimation of the breeding population (pairs/calling males)***	Notice
Porzana parva	8	8 calling ♂♂ during breeding season
Circus aeruginosus	25-30	
Acrocephalus melanopogon	6-8	
Ixobrychus minutus	3	
Anas querquedula	0-2	
Anser anser	10	
Merops apiaster	17	

Summary

We recorded high abundance of the *Acrocephalus arundinaceus* in 2015 in SPA Parizske mociare marshes. Breeding populations of the trigger bird species was estimated on similar numbers as in 2014.

The population of the European Bee-eaters increased thanks to realization of paleontological research on breeding area and creation of new suitable walls for birds. There was needed to coordinate the paleontological research because the breeding season.

1.2.2 SPA Žitavský luh

In SPA Žitavský luh was during monitoring within the project recorded following birds species in described breeding population, numbers recorded during migration (bird species in alphabetical order):

Table 3 – The list of the bird species recorded within the SPA Žitavský luh in y. 2014-15. Altogether 150 of species were observed in the area of SPA.

Species	Recorded numbers during non-breeding season and migration y. 2014-15	Recorded number of breeding pairs or calling males during breeding season y. 2014-15	Character of occurance of species in y. 2014-15
Accipiter gentilis	1		W, M
Accipiter nisus	2		W, M
Acrocephalus arundinaceus		1	B
Acrocephalus scirpaceus		1	B
Acrocephalus schoenobaenus		16	B
Actitis hypoleucos	2		M
Aegithalos caudatus	8	1	W, M, B
Alauda arvensis		10-20	W, M, B
Alcedo atthis	2	1	W, M, B
Anas acuta	7		W, M
Anas clypeata	7		M
Anas crecca	50-180	1	W, M
Anas penelope	3		W, M
Anas platyrhynchos	400-1500	12-20	W, M, B
Anas querquedula	15-50	1-3	M, B
Anas strepera	2	1	W, M, B
Anser albifrons	27-40		M, W
Anser anser	5-30	1	W, M
Anser fabalis	0-130		W, M
Anthus pratensis	1-10		W, M
Apus apus	3-50		M
Aquila heliaca	1		W, M
Ardea cinerea	1-24		W, M
Ardea purpurea	1		M
Asio flammeus	2		W, M
Aythya ferina	1-11		W, M
Botaurus stellaris	1		M
Buteo buteo	1-25	1	W, M, B
Buteo lagopus	1		W, M
Calidris alpina	1-6		M
Calidris temminckii	2		M
Carduelis carduelis	40-120	5	W, M, B
Carduelis chloris	1-20	5	W, M, B
Carduelis spinus	2-60		W, M

Certhia familiaris	1		W, M
Ciconia ciconia	1-32		M, F
Ciconia nigra	1-2		M, F
Circus aeruginosus	4-60	3-4	M, B
Circus cyaneus	1-6		W, M
Circus pygargus	1-3		M
Coccothraustes coccothraustes		1	B, M
Columba palumbus	1-13	4	M, B
Corvus corax	1		W, M, F
Corvus monedula	2		M
Coturnix coturnix		1-3	M, B
Crex crex		1	M, B
Cuculus canorus		2	M, B
Cygnus cygnus	4-18		M, W
Cygnus olor	1-15	0-2	W, M, B
Delichon urbicum	2-450		M, F
Dendrocopos major	2	4	W, M, B
Dendrocopos medius	1		M
Dendrocopos syriacus		1	W, M, B
Dryocopus martius	1	1	W, M, B
Egretta alba	1-22		W, M
Egretta garzetta	1		M
Emberiza citrinella	5	1	W, M, B
Emberiza schoeniclus	2	7	W, M, B
Erithacus rubecula	1-5		W, M
Falco peregrinus	1		M, W
Falco subbuteo	1		M, F
Falco tinnunculus	1-2	1	W, M, B, F
Ficedula albicollis	1		M
Fringilla coelebs	10-200	10	M, B
Fringilla montifringilla	2		W, M
Fulica atra	1-20	1-2	M
Gallinago gallinago	1-15		M
Gallinago media	1		M
Gallinula chloropus		2	B, M
Garrulus glandarius	1-14		W, M
Grus grus	2-4		M
Himantopus himantopus	1-4		M
Hippolais icterina		1	M, B
Hirundo rustica	10-600		M, F
Charadrius dubius	5	1-5	M, B
Charadrius hiaticula	1		M
Chlidonias hybrida	3-4		M
Chlidonias leucopterus	2		M
Chlidonias niger	1-10		M
Jynx torquilla		1	B, M

Lanius collurio		1-2	B, M
Lanius excubitor	1		W, M
Larus arg./cach./mich.	2		M
Larus ridibundus	1		M
Limosa limosa	1		M
Locustella fluviatilis		1	B, M
Locustella luscinioides		2-8	B, M
Locustella naevia		2-3	B, M
Luscinia megarhynchos		16	B, M
Lymnocryptes minimus	1		W, M
Merops apiaster	2-30		M, F
Miliaria calandra	5-30	5-11	W, M, B
Motacilla alba	1-50		M
Motacilla flava	60-80	20-23	M, B
Muscicapa striata		1	B, M
Netta rufina	2		M
Numenius arquata	3		M
Nycticorax nycticorax	4		M, F
Oenanthe oenanthe	2		M
Oriolus oriolus		10	M, B
Panurus biarmicus	2-4		W, M
Parus caeruleus	4	5	W, M, B
Parus major	15	10	W, M, B
Parus palustris	1-2		W, M
Passer domesticus	20-40		W, M
Passer montanus	50	10	B, W
Pernis apivorus	1		M
Phalacrocorax carbo	2-24		W, M
Phalaropus lobatus	1		M
Phasianus colchicus	2-30	5	W, B
Philomachus pugnax	1-110		M
Phylloscopus collybita	2	5	M, B
Phylloscopus sibilatrix	1-2		M
Phylloscopus trochillus	1		M
Pica pica	1-2		W
Picus viridis	1	1	W, M, B
Platalea leucorodia	1		M
Pluvialis apricaria	9		M
Podiceps cristatus	2	1	W, M, B
Porzana parva	1-4	1-3	M, B
Porzana porzana	1-5	1-3	M, B
Pyrrhula pyrrhula	2-6		W, M
Rallus aquaticus		5-8	M, B
Riparia riparia	10-20		M, F
Saxicola rubetra	8		M
Saxicola torquata		3	M, B

Sitta europaea	1-4	2	W, M, B
Streptopelia decaocto	4-20		W, M
Streptopelia turtur		2-4	B, M
Strix aluco	1	1	B, W
Sturnus vulgaris	4-800	25	W, M, B
Sylvia atricapilla		15	M, B
Sylvia communis		2-4	M, B
Sylvia curruca		2	M, B
Sylvia nisoria		2-3	M, B
Tachybaptus ruficollis	3-6		W, M
Tringa erythropus	1-19		M
Tringa glareola	2-50		M
Tringa nebularia	1-6		M
Tringa ochropus	1-2		M
Tringa totanus	1-13	1-3	M, B
Troglodytes troglodytes	10		W, M
Turdus iliacus	3		W, M
Turdus merula	1-2	1-3	W, M, B
Turdus philomelos		8	M, B
Turdus pilaris	1-120		W, M
Tyto alba	1		F
Upupa epops	1		M
Vanellus vanellus	2-86	1-5	M, B

Table 4 – Populations of the trigger bird species in SPA Žitavský luh in year 2015.

Species	***Estimation of the breeding population (pairs/calling males)***	***Notice***
Porzana porzana	1-3	3♂♂ (1.5.), recorded 2juv+1juv+1juv in different ages
Anas querquedula	3-5	♀♀ with pullus and juveniles
Circus aeruginosus	2-3	

Summary

Suitable water regime in 2015 had positive impact on trigger species. We recorded 3-5 pairs of breeding Garganeys (*Anas querquedula*), 3 calling males of Spotted Crakes (*Porzana porzana*) also with observation of juveniles and 3 pairs of Marsh Harries (*Circus aeruginosus*).
We also recorded the breeding of the Teal (*Anas crecca*) - observation of the female with 9 juveniles and Little Crake at least 1 calling male.
There was occurred also the *Gallinago media*.

1.2.3 SPA Dolné Pohronie

In SPA Dolné Pohronie were during monitoring within the project recorded following bird species and numbers of birds recorded during migration (bird species in alphabetical order):

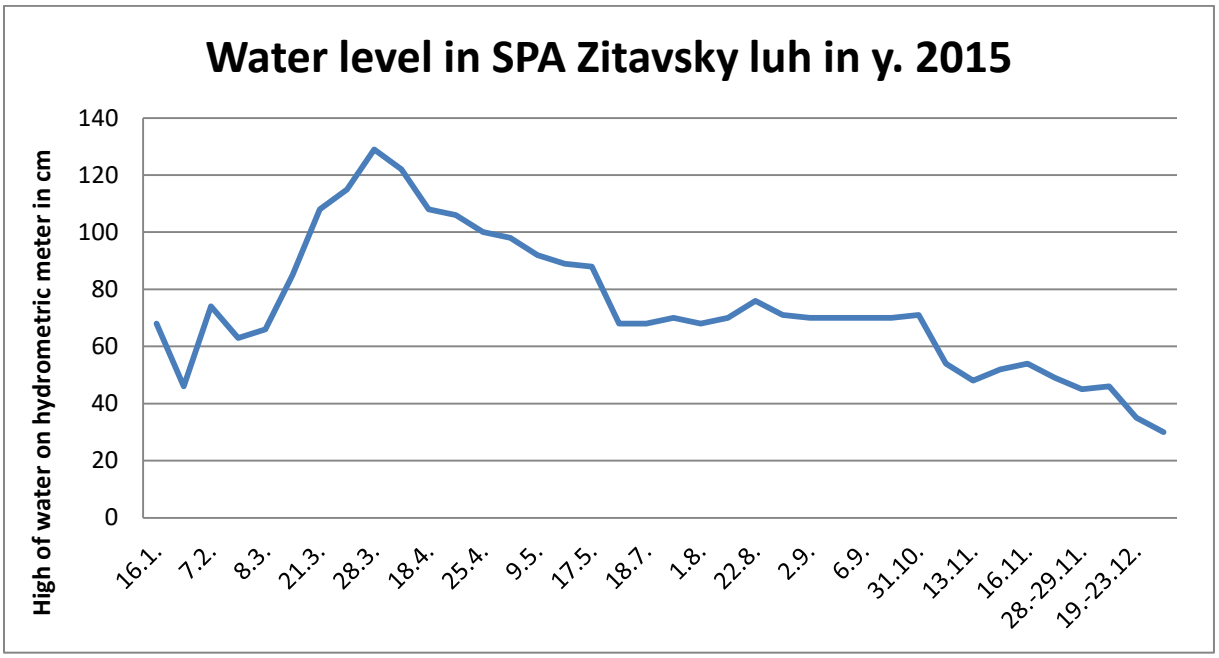
Table 5 – The list of the bird species recorded within the SPA Dolné Pohronie in y. 2014-15.

Species	Recorded numbers during non-breeding season and migration y. 2014-15	Recorded number of breeding pairs or calling males during breeding season y. 2014-15	Character of occurance of species in y. 2014-15
Anthus pratensis	**5**		**M**
Ardea cinerea	1		W, M
Buteo buteo	1	1	W, M, B
Carduelis carduelis	4		W, M
Carduelis chloris		1	B
Circus aeruginosus	1		M, F
Columba oenas	28		M, F
Corvus cornix	1		M, F
Coturnix coturnix		2	B, M
Dendrocopos major	1		M
Dendrocopos syriacus		1	B
Emberiza citrinella	2	1	W, M, B
Emberiza schoeniclus		2	B
Falco tinnunculus		1	B, F
Galerida cristata	1	1	W, M, B
Garrulus glandarius	2		M
Hirundo rustica	10-20		M, F
Lanius collurio		1-4	B
Lanius excubitor	1		W, M
Luscinia megarhynchos		1	B, M
Merops apiaster		81-135	B
Motacilla alba	1-6		M
Oriolus oriolus		2	B
Passer montanus		50-60	W, B, M
Phasianus colchicus	1		W, M
Riparia riparia		135-160	B
Saxicola torquata		1	B
Streptopelia turtur		1-8	B
Sturnus vulgaris	30-120	10-30	B, M
Sylvia atricapilla		1	B
Troglodytes troglodytes	1		M, W
Upupa epops	3	1-3	M, B

Summary
Monitoring in SPA Dolne Pohronie was performed in two locations in cadastral area of Radvna nad Dunajom where were counted 10 pairs of European Bee-eaters and at Jursky Chlm (cadastral area Muzla) with population of 71 pairs.

3. Monitoring of the water level

The water level changes during the y. 2015 were controlled in detail in SPA Žitavský luh on the installed hydrometric meter. Year 2015 was average and there was balanced water regime during breeding season. During the spring time was performed simulation of the flooding.



Ján Gúgh, SOS/BirdLife Slovakia, 2015