



Monitoring of Roller population in Romania

Action D2



Prepared by Milvus Group

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Annex D.2_1

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The European Roller (*Coracias garrulus*) breeding population in the Western Plain of Romania in 2015 was estimated to 84 pairs. We assumed and we used this reference number as baseline data of indicators to evaluate the project achievements.

To have an exhaustive population monitoring, we inspected annually all the artificial nestboxes installed within the project ...



Nestbox with roller



Nestbox control



... but also a regular monitoring of the natural hollows and woodpecker holes were carried out



Some of the identified woodpecker holes as potential roller breeding sites in Mureş- and Timiş Floodplain area

We have identified and registered the presence of the roller pairs which were not dreed in nests known to us



Adult rollers and pairs in breeding habitats

The sum is given by the total number of birds nesting in nestboxes, natural cavities (monitored woodpecker holes) and identified pairs during the breeding season in SPAs and in their 5 km buffer area in every year.

These numbers are shown in the below attached table by years.

SPA Code	In SPA						In 5 km buffer						Total					
	2015	2016	2017	2018	2019	2020	2015	2016	2017	2018	2019	2020	2015	2016	2017	2018	2019	2020
ROSPA0016	0	0	0	1	1	1	0	0	0	1	1	2	0	0	0	2	2	3
ROSPA0067	1	1	0	0	1	0	0	0	0	1	0	1	1	1	0	1	1	1
ROSPA0103	0	1	0	1	4	6	0	0	0	0	2	2	0	1	0	1	6	8
ROSPA0097	3	10	12	19	28	31	1	1	1	3	9	11	4	11	13	22	37	42
ROSPA0015	30	36	39	41	59	65	6	4	7	12	11	19	36	40	46	53	70	84
ROSPA0014	1	2	0	4	2	4	0	2	1	2	3	3	1	4	1	6	5	7
ROSPA0069	18	32	28	35	48	53	15	8	12	16	19	31	33	40	40	51	67	84
ROSPA0047	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
ROSPA0078	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSPA0142	1	1	3	5	6	5	1	2	1	1	3	3	2	3	4	6	9	8
ROSPA0144	2	2	0	0	2	3	0	1	1	1	1	1	2	3	1	1	3	4
ROSPA0095	0	0	0	0	2	4	0	0	0	3	0	0	0	0	0	3	2	4
ROSPA0128	3	3	0	0	0	4	1	1	1	9	13	12	4	4	1	9	13	16
ROSPA0126	0	0	0	0	0	5	0	0	0	1	1	3	0	0	0	1	1	8
ROSPA0127	0	0	0	0	1	4	0	0	0	3	0	1	0	0	0	3	1	5
Total	60	89	82	106	154	185	24	19	24	53	63	89	84	108	106	159	217	274

The evolution of the roller population between 2015-2020

