

Counting birds in the Eastern Rhodopes, Bulgaria



2010

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Please cite as: H. Sierdsema, W.P. van der Ploeg, H. Jansen & M. Jansen. 2010. Counting birds in the Eastern Rhodopes, Bulgaria. Report The Habitat Foundation, Huissen, The Netherlands.

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1. Introduction

The Eastern Rhodopes are an important area for many threatened species, amongst which there are many bird species. A major part of the region has been designated as Natura2000-area, principally under the Habitats Directive. A large part has also been designated as a protected area under the Birds Directive. For many purposes like management, conservation and reporting to the European Union information is required on the presence and trends of bird species. The Bulgarian Society for the Protection of Birds (BSPB) takes a lot of effort to monitor the important bird species. Additional help, however, is welcome to get more information, especially on bird species smaller than vultures and storks.

In 2010 we started a pilot-project to collect standardized bird counts aimed to be additional to existing monitoring programmes. For this purpose we visited Bulgaria and the Eastern Rhodopes from 7-20 May 2010. During this visit we spoke to several people of the BSPB about our ideas and tested the intended method for data collection.



2. Methods

The general idea of the monitoring programme is that it is additional to existing monitoring schemes and can be executed by anyone visiting the region. Many birdwatchers from elsewhere in Bulgaria and Europe are visiting the region, but most of the information collected by these birdwatchers does not become available for monitoring purposes. Moreover, most of the information that becomes available is not standardized, has a global accent ('we saw these and these birds in the area around Madzharovo) or does not include information on numbers.

Collecting information on the precise location, the time, the complete species list and numbers would hugely improve the possibilities to use this information for monitoring and mapping purposes. Gathering information on the location can be done by means of collecting the exact location of all observations, delineating the visited area and/or by means of point counts. Locations of individual observations should also be accompanied by the surveyed area to infer population densities from these observations.

Here we have chosen to start with the use point counts as a means to gather standardized data on the occurrence of birds. Points are easy to communicate between bird watchers and data entry into web services is easier and less time consuming than observations within polygons. Although the method described here is mainly focussed on the breeding period, it can be used all through the year.



2.1 Locations of the points

Two types of points can be distinguished: fixed points and roving points.

Fixed points

The locations of the fixed points are based on a standardized grid of 1x1 km. Points are preselected on the corners of the grid and the centre points (figure 1). The actual location of a point may be shifted over a limited distance to a road, track or other more easily accessible location.

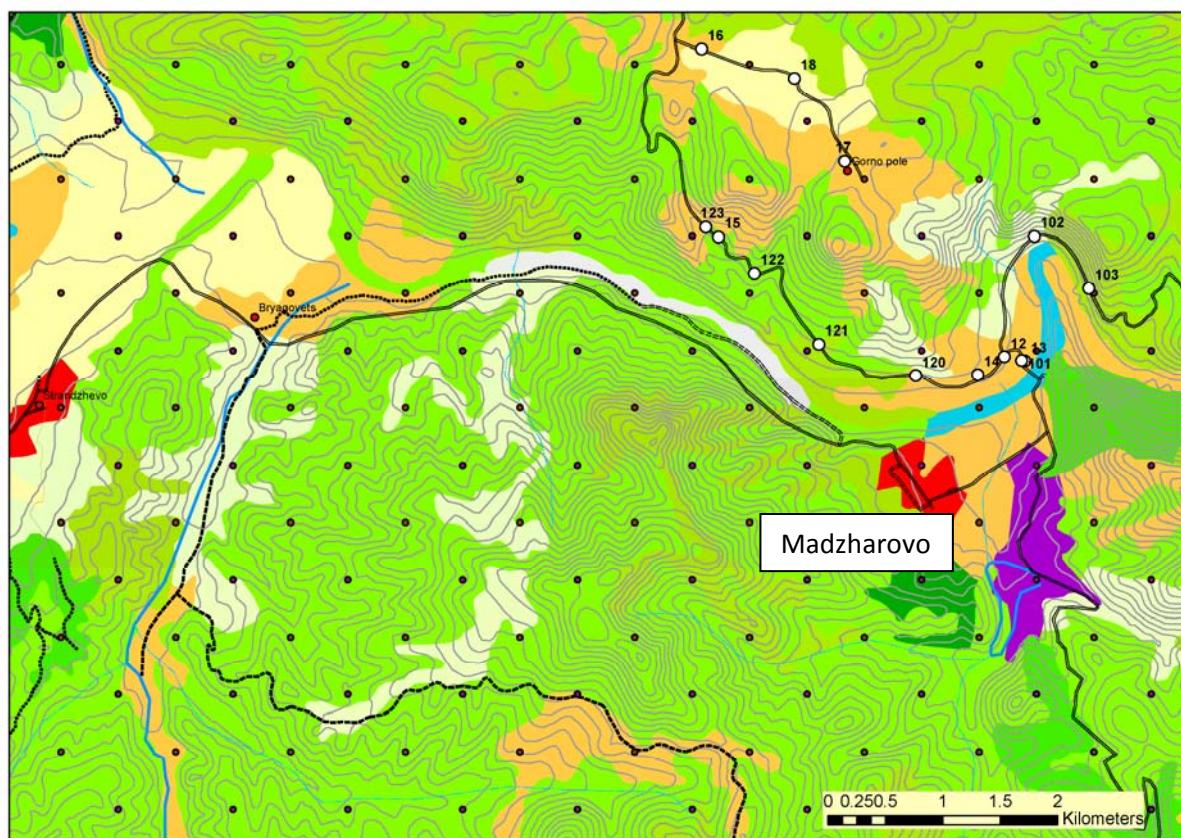


Figure 1. Example of the fixed points on a 1x1 km grid around Madzharovo (black dots). The white dots are points where the actual surveys were conducted.

Roving points

During a bird watching trip bird watchers often stop on locations that are well known for specific birds or look interesting for birds. Also an interesting bird of prey like an eagle will result in a halt. Almost always there is much more to see on such a location than the 'target species' which may result in a visit to the location varying from a few minutes to more than an hour. We aim to collect also the observations from these roving points since they are expected to provide additional information to the fixed points, especially with regard to rare birds and habitats.

'Golden points'

It is near impossible to count all the available points within a region, let alone on a regular base. In order to gather information on a standardized way from a representative sample of points, so-called 'golden points' can be selected that should be monitored with higher preference than other points.

2.2 Time and observation period

The number of observed species and individuals increases with the amount of time spent on a location. In general a major part of the active birds (birds that can be seen or heard at the time of the visit) can be observed within five minutes for an experienced bird watcher familiar with the local avifauna. Visitors to the region often do not face up to either or both requirements and therefore need more time to identify all the active birds on a site. We have therefore chosen to use a fixed period of ten minutes for the bird counts on fixed points.

On roving points no fixed time frame has been set. If possible, observations within the first ten minutes should be distinguishable from the other observations. This enhances standardization and possible use of the data.

Since also the time of the day and time and the time of the year have great influence on bird activities it is important to note date, starting time and end time.

2.3 Distance bands and bird behaviour

The chance of observing a bird that is present at a site diminishes with the distance. Small and silent birds can only be observed over small distances, while large and flocking birds may be observed over large distances. Ideally the location of all observed birds should therefore be gathered to infer proper information on densities and population sizes. However, when this detailed information is gathered for only a small part of the points, relationships between bird species and detectability can be inferred. On the remainder of the point counts it is then sufficient to make a rough division between 'birds in the vicinity' and 'birds far away'. Here we have chosen a distance of 200 meter to distinguish between birds in the vicinity and birds far away. The use of such a distance band makes it easier to process the data and estimate population densities.

Birds flying over a counting point to somewhere else have no clear relationship with the local habitat. This is especially the case with migrating birds, but may be a little more difficult to distinguish in bird species with long-distance foraging flights. Although it is not always easy to distinguish between a local bird and a bird flying over, we ask bird watchers to try to separate these two forms of behaviour.

Next to the just the presence of bird also additional information on for example sex, territorial behaviour (song, territorial display, etc) and nests is important to estimate population sizes. The collation of this type of information however, will make the counts and data entry more strenuous and should therefore be handled with care. On points where all observations are noted and entered this type of information could most easily be added, making it possible to infer relationships between the total number of observed birds and 'breeding pairs'.

In 2010 we only noted the total number of birds in the two distance bands and birds flying over.

2.4 Number of visits and detectability

Only a part of the birds that is present on or near a point is observed during a visit. Many birds are more active than in the early morning, while others may be more easily observed later in the day. Also the weather has great influence on the activity and detectability of birds. Information on the weather, especially (hard) rain and wind therefore helps to estimate the real population size from the observations.

An important way to gather information for population size is to visit the same site more than once within a limited amount of time. With special statistics this repeated visits and counts can be used to estimate real population sizes and not just the part that we observed.

2.5 Species

All species are recorded. Bird watchers however, may be familiar with only a part of the local avifauna or simply miss species because they cannot hear them anymore.



2.6 Photographs

Although a lot of information on the land use can be inferred from topographical and aerial photographs, pictures of the point it self provide an important source of additional information on land use and landscape structure. Therefore on all points photographs have been taken in the four main wind directions (N, E, S and W).



3. Results

3.1 Surveys

Point counts were performed on 64 different points in Bulgaria (figure 3.2). Of these points 52 are located in the Eastern Rhodopes region (figure 3.1). Counts on fixed points were conducted on 35 points. More than one count was conducted on 19 points. In total 69 surveys (counts) were conducted on the points in the Eastern Rhodopes region. The surveyed points are mostly located in the northern part of the Eastern Rhodopes. Detailed maps with the locations of the points are included in Appendix 1.

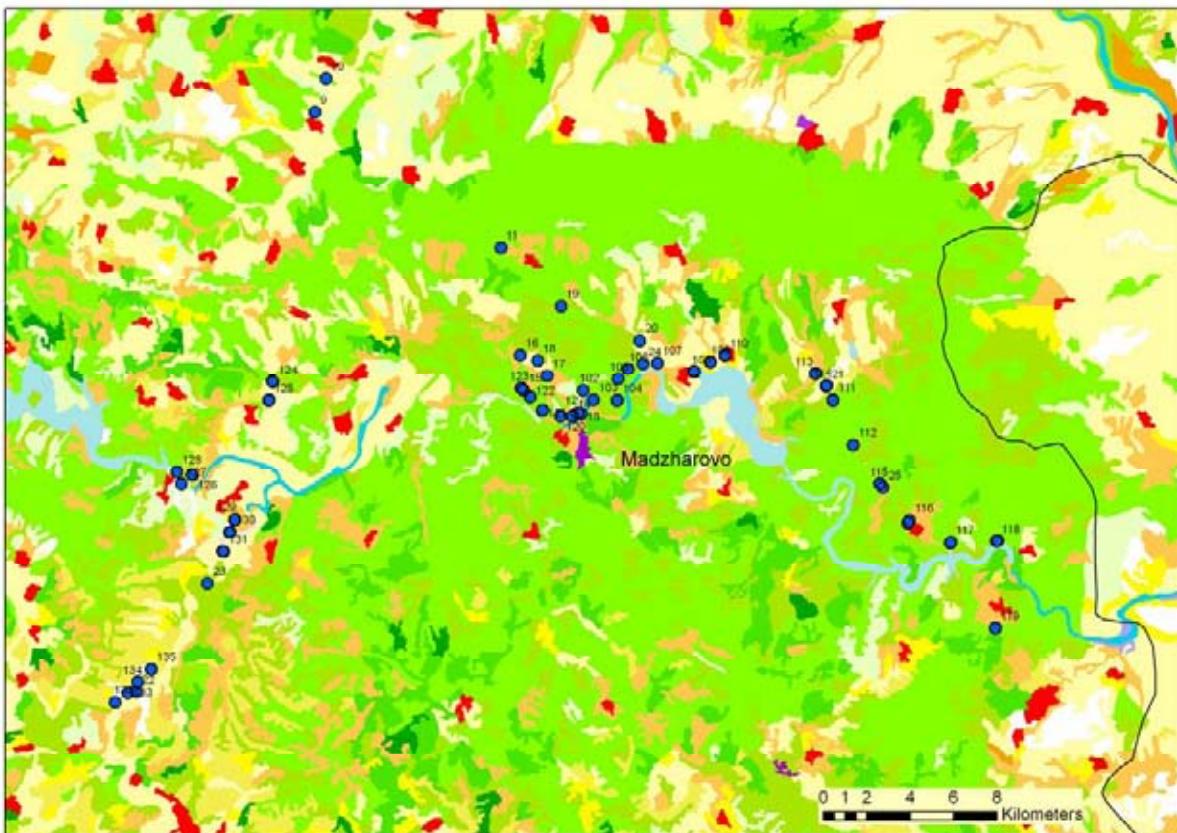


Figure 3.1. Surveyed points in the Eastern Rhodopes. More detailed maps can be found in Appendix 1.

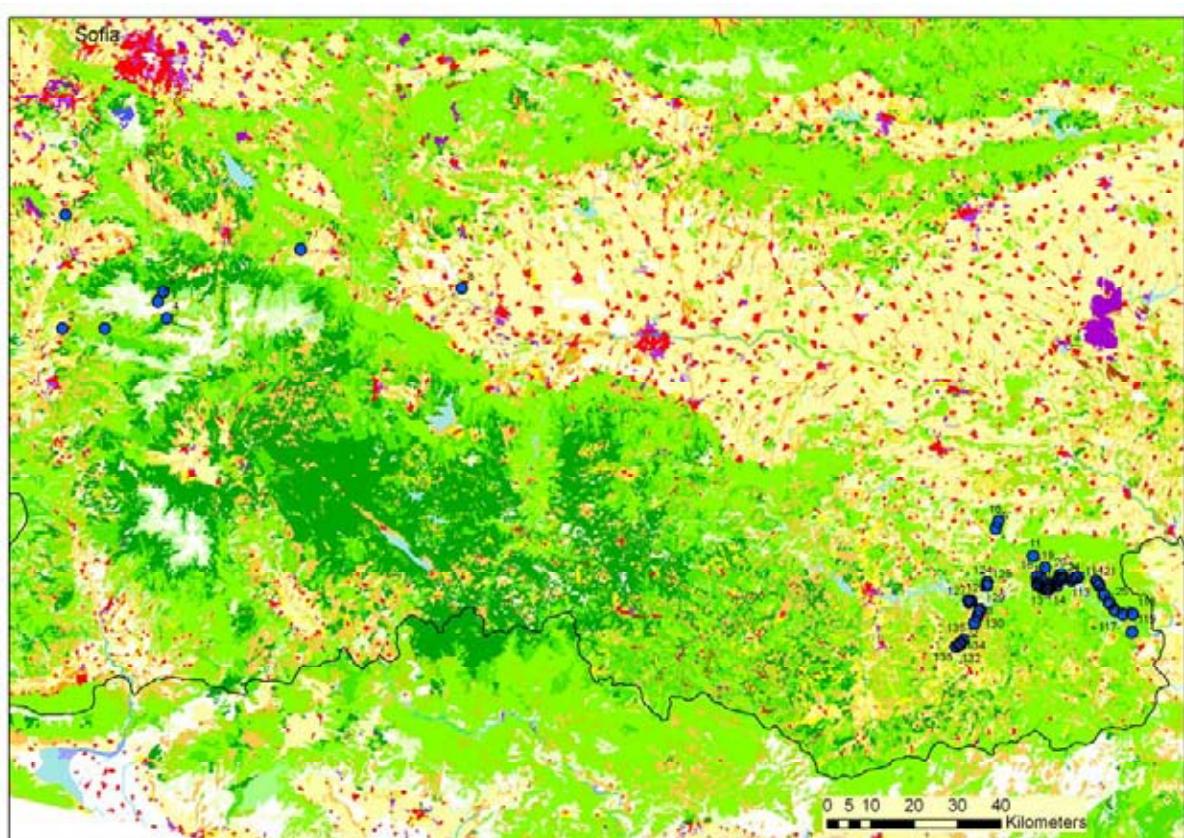
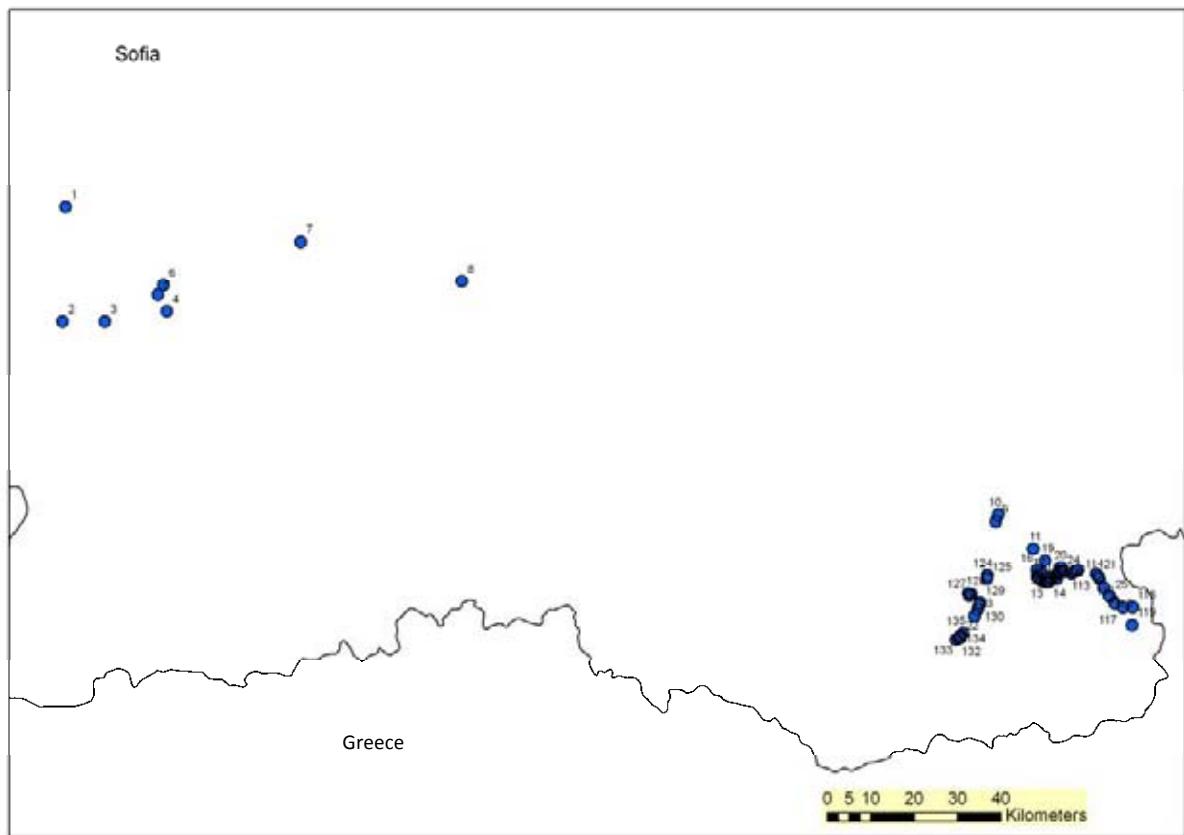


Figure 3.2. Location of the surveyed points in Bulgaria (note: points around Sakar Mountain missing)

3.2 Birds

On the points in the Eastern Rhodopes 107 different bird species and 2352 individuals were observed (table 3.1). The most abundant species were House Martin, Barn Swallow, Bee-eater and Nightingale. The most widespread species were Nightingale, Golden Oriole and Cuckoo. These species were once also very widespread and common in The Netherlands, but have become rare in most of the country. Also the occurrence of the Turtle Dove in top-five and the rarity of Wood Pigeon is striking: in The Netherlands this is precisely the other way around.

A complete set of tables with the observed birds per point is included in appendix 3.



Honeybuzzard - *Pernis apivorus*

Table 3.1 Total number of observations ("Nobs") and individuals ('Count") during point counts in the Eastern Rhodopes in 11-17 May 2010.

English name	Scientific name	Nobs	Nobs	Nobs	Nobs	Count	Count	Fly	TOTAL
		<200m	>200m	flying	total	<200m	>200m	ing	
Little Grebe	Tachybaptus ruficollis	0	1	0	1		1		1
Great Cormorant	Phalacrocorax carbo	0	1	0	1		2		2
Little Egret	Egretta garzetta	0	1	0	1		2		2
Grey Heron	Ardea cinerea	2	5	1	8	3	5	1	9
Black Stork	Ciconia nigra	3	5	4	12	3	7	5	15
White Stork	Ciconia ciconia	4	9	2	15	4	22	2	28
Mallard	Anas platyrhynchos	0	1	1	2		2	2	4
European Honey-buzzard	Pernis apivorus	3	2	0	5	5	4		9
Black Kite	Milvus migrans	2	1	0	3	2	2		4
Egyptian Vulture	Neophron percnopterus	7	10	0	17	7	11		18
Eurasian Griffon Vulture	Gyps fulvus	4	9	3	16	16	46	21	83
Short-toed Eagle	Circaetus gallicus	2	2	0	4	3	2		5
Western Marsh Harrier	Circus aeruginosus	0	0	1	1			1	1
Northern Goshawk	Accipiter gentilis	1	0	0	1	1			1
Eurasian Sparrowhawk	Accipiter nisus	2	0	0	2	2			2
Common Buzzard	Buteo buteo	7	5	0	12	12	5		17
Long-legged Buzzard	Buteo rufinus	5	6	0	11	6	7		13
Lesser Spotted Eagle	Aquila pomarina	2	0	0	2	3			3
Golden Eagle	Aquila chrysaetos	0	1	0	1		2		2
Booted Eagle	Hieraetus pennatus	2	0	0	2	2			2
Common Kestrel	Falco tinnunculus	4	2	0	6	6	3		9
Eurasian Hobby	Falco subbuteo	2	1	0	3	3	1		4
Peregrine Falcon	Falco peregrinus	3	0	0	3	3			3
Common Quail	Coturnix coturnix	1	2	0	3	1	2		3
Common Pheasant	Phasianus colchicus	3	2	0	5	3	2		5
Little Ringed Plover	Charadrius dubius	1	0	0	1	2			2
Yellow-legged Gull	Larus michahellis	1	1	0	2	1	1		2
Common Wood Pigeon	Columba palumbus	2	0	0	2	3			3
European Turtle Dove	Streptopelia turtur	22	22	0	44	34	23		57
Common Cuckoo	Cuculus canorus	19	32	0	51	21	33		54
European Scops Owl	Otus scops	0	2	0	2		2		2
Common Swift	Apus apus	3	0	0	3	7			7
Alpine Swift	Apus melba	4	5	0	9	17	40		57
Common Kingfisher	Alcedo atthis	4	0	0	4	5			5
European Bee-eater	Merops apiaster	9	6	3	18	38	45	22	105
European Roller	Coracias garrulus	3	1	0	4	4	1		5
Eurasian Hoopoe	Upupa epops	4	14	0	18	4	14		18
European Green Woodpecker	Picus viridis	6	3	0	9	8	3		11
Great Spotted Woodpecker	Dendrocopos major	3	0	0	3	3			3
Middle Spotted Woodpecker	Dendrocopos medius	2	0	0	2	2			2
Crested Lark	Galerida cristata	5	0	0	5	9			9
Wood Lark	Lullula arborea	7	2	0	9	8	2		10
Eurasian Skylark	Alauda arvensis	10	3	0	13	37	5		42
Sand Martin	Riparia riparia	2	0	0	2	4			4
Crag Martin	Ptyonoprogne rupestris	7	2	0	9	29	3		32
Barn Swallow	Hirundo rustica	23	1	0	24	107	1		108
Red-rumped Swallow	Hirundo daurica	19	2	0	21	59	2		61
Common House Martin	Delichon urbica	18	7	0	25	201	152		353

English name	Scientific name	Nobs <200m	Nobs >200m	Nobs flying	Nobs total	Count <200m	Count >200m	Fly ing	TOTAL
Tawny Pipit	<i>Anthus campestris</i>	2	0	0	2	4			4
Blue-headed Wagtail	<i>Motacilla flava flava</i>	2	0	1	3	4		5	9
Grey Wagtail	<i>Motacilla cinerea</i>	2	0	0	2	2			2
White Wagtail	<i>Motacilla alba alba</i>	5	0	0	5	5			5
European Robin	<i>Erithacus rubecula</i>	9	0	0	9	9			9
Common Nightingale	<i>Luscinia megarhynchos</i>	42	18	0	60	73	21		94
Black Redstart	<i>Phoenicurus ochruros</i>	1	0	0	1	1			1
Whinchat	<i>Saxicola rubetra</i>	2	0	0	2	3			3
European Stonechat	<i>Saxicola torquata</i>	0	2	0	2			4	4
Isabelline Wheatear	<i>Oenanthe isabellina</i>	1	0	0	1	2			2
Northern Wheatear	<i>Oenanthe oenanthe</i>	1	0	0	1	2			2
Eastern Black-eared Wheatear	<i>Oenanthe hisp. melanoleuca</i>	2	0	0	2	2			2
Blue Rock Thrush	<i>Monticola solitarius</i>	2	1	0	3	2	1		3
Common Blackbird	<i>Turdus merula</i>	40	6	0	46	76	10		86
Song Thrush	<i>Turdus philomelos</i>	2	0	0	2	2			2
Mistle Thrush	<i>Turdus viscivorus</i>	2	1	0	3	3	1		4
Marsh Warbler	<i>Acrocephalus palustris</i>	1	0	0	1	2			2
Great Reed Warbler	<i>Acrocephalus arundinaceus</i>	1	1	0	2	2	1		3
Olivaceous Warbler	<i>Hippolais pallida</i>	9	2	0	11	11	4		15
Olive-tree Warbler	<i>Hippolais olivetorum</i>	2	0	0	2	5			5
Subalpine Warbler	<i>Sylvia cantillans</i>	10	0	0	10	12			12
Sardinian Warbler	<i>Sylvia melanocephala</i>	5	0	0	5	5			5
Barred Warbler	<i>Sylvia nisoria</i>	11	0	0	11	15			15
Lesser Whitethroat	<i>Sylvia curruca</i>	6	0	0	6	7			7
Common Whitethroat	<i>Sylvia communis</i>	8	0	0	8	8			8
Garden Warbler	<i>Sylvia borin</i>	1	0	0	1	1			1
Blackcap	<i>Sylvia atricapilla</i>	18	1	0	19	24	1		25
Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>	7	0	0	7	8			8
Northern Chiffchaff	<i>Phylloscopus collybita</i>	8	1	0	9	10	2		12
Firecrest	<i>Regulus ignicapillus</i>	1	0	0	1	1			1
Long-tailed Tit	<i>Aegithalos caudatus</i>	6	0	0	6	25			25
Marsh Tit	<i>Parus palustris</i>	1	0	0	1	1			1
Sombre Tit	<i>Parus lugubris</i>	8	0	0	8	11			11
Blue Tit	<i>Parus caeruleus</i>	12	0	0	12	16			16
Great Tit	<i>Parus major</i>	36	0	0	36	56			56
Eurasian Nuthatch	<i>Sitta europaea</i>	1	0	0	1	1			1
Western Rock-Nuthatch	<i>Sitta neumayer</i>	0	1	0	1		2		2
Short-toed Treecreeper	<i>Certhia brachydactyla</i>	3	0	0	3	4			4
Eurasian Golden Oriole	<i>Oriolus oriolus</i>	29	27	0	56	42	28		70
Red-backed Shrike	<i>Lanius collurio</i>	23	4	0	27	45	6		51
Lesser Grey Shrike	<i>Lanius minor</i>	3	1	0	4	7	1		8
Woodchat Shrike	<i>Lanius senator</i>	8	3	0	11	14	4		18
Eurasian Jay	<i>Garrulus glandarius</i>	4	0	0	4	8			8
Common Magpie	<i>Pica pica</i>	1	1	0	2	1	2		3
Hooded Crow	<i>Corvus corone cornix</i>	7	2	0	9	15	5		20
Common Raven	<i>Corvus corax</i>	4	2	0	6	6	2		8
Common Starling	<i>Sturnus vulgaris</i>	19	3	1	23	66	13	1	80
House Sparrow	<i>Passer domesticus</i>	10	0	0	10	39			39
Spanish Sparrow	<i>Passer hispaniolensis</i>	7	0	0	7	36			36
Eurasian Tree Sparrow	<i>Passer montanus</i>	6	0	0	6	17			17
Common Chaffinch	<i>Fringilla coelebs</i>	37	3	0	40	79	4		83
European Greenfinch	<i>Chloris chloris</i>	8	1	0	9	13	1		14

English name	Scientific name	Nobs <200m	Nobs >200m	Nobs flying	Nobs total	Count <200m	Count >200m	Fly ing	TOTAL
European Goldfinch	Carduelis carduelis	21	1	0	22	39	3		42
Hawfinch	Coccothraustes coccothraustes	12	0	2	14	15		2	17
Cirl Bunting	Emberiza cirlus	17	1	0	18	21	1		22
Rock Bunting	Emberiza cia	2	0	0	2	3			3
Ortolan Bunting	Emberiza hortulana	6	2	0	8	10	2		12
Black-headed Bunting	Emberiza melanocephala	27	8	0	35	41	8		49
Corn Bunting	Miliaria calandra	29	5	0	34	80	8		88
Feral Pigeon	Columba livia domestica	0	1	0	1		2		2

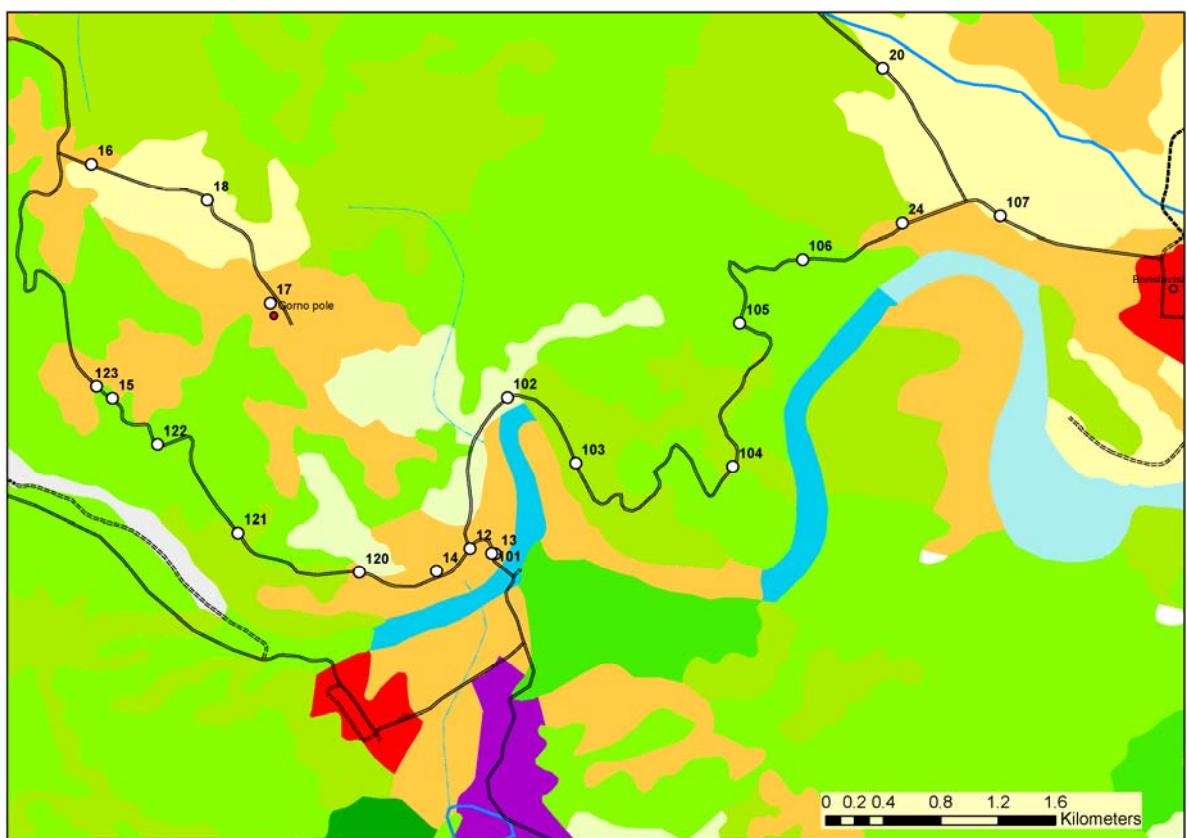
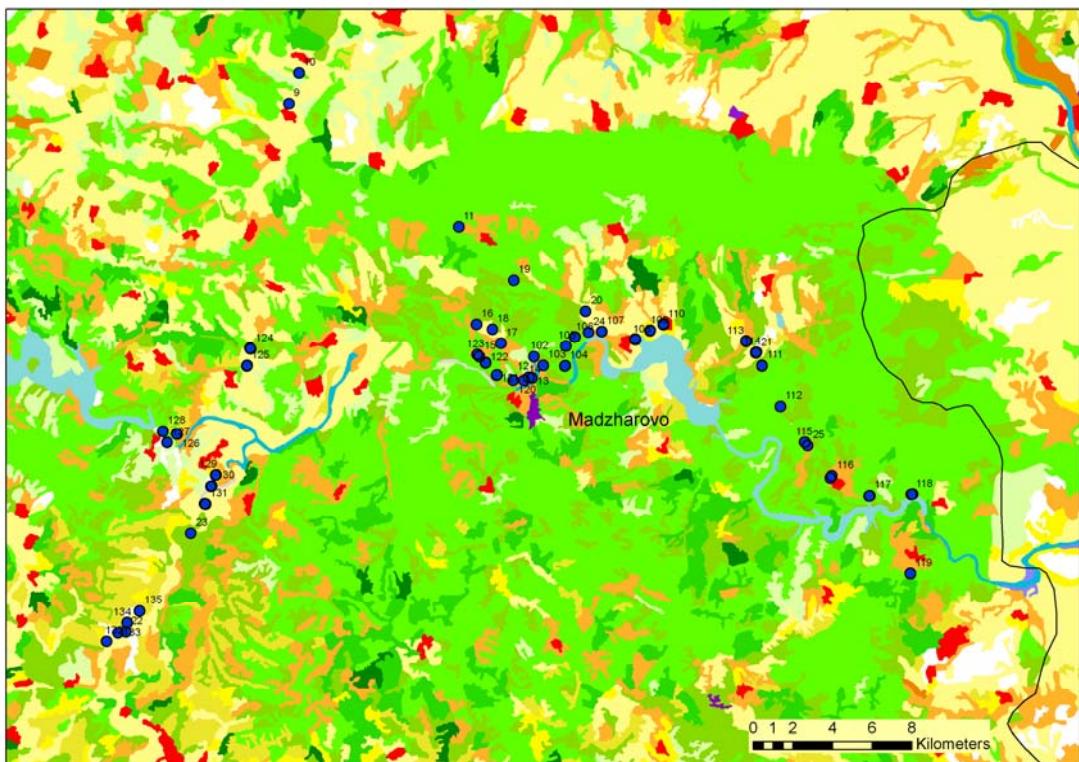


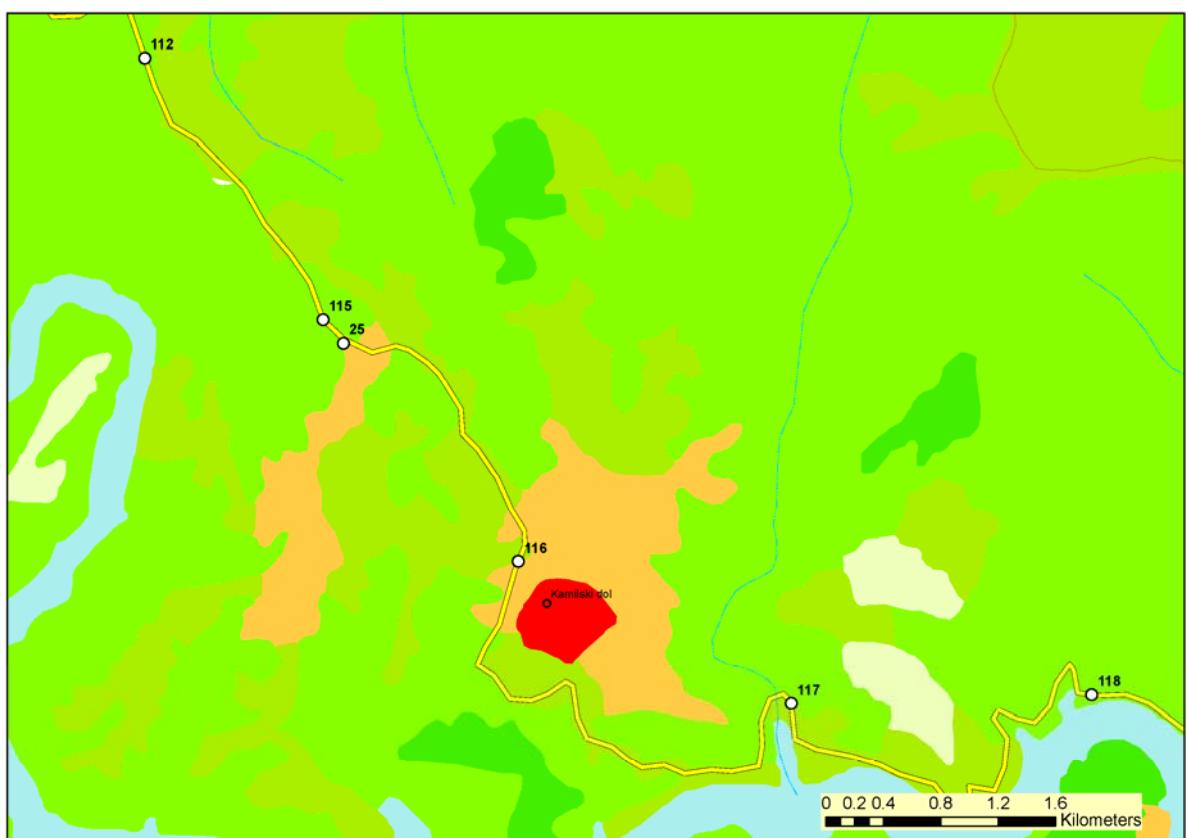
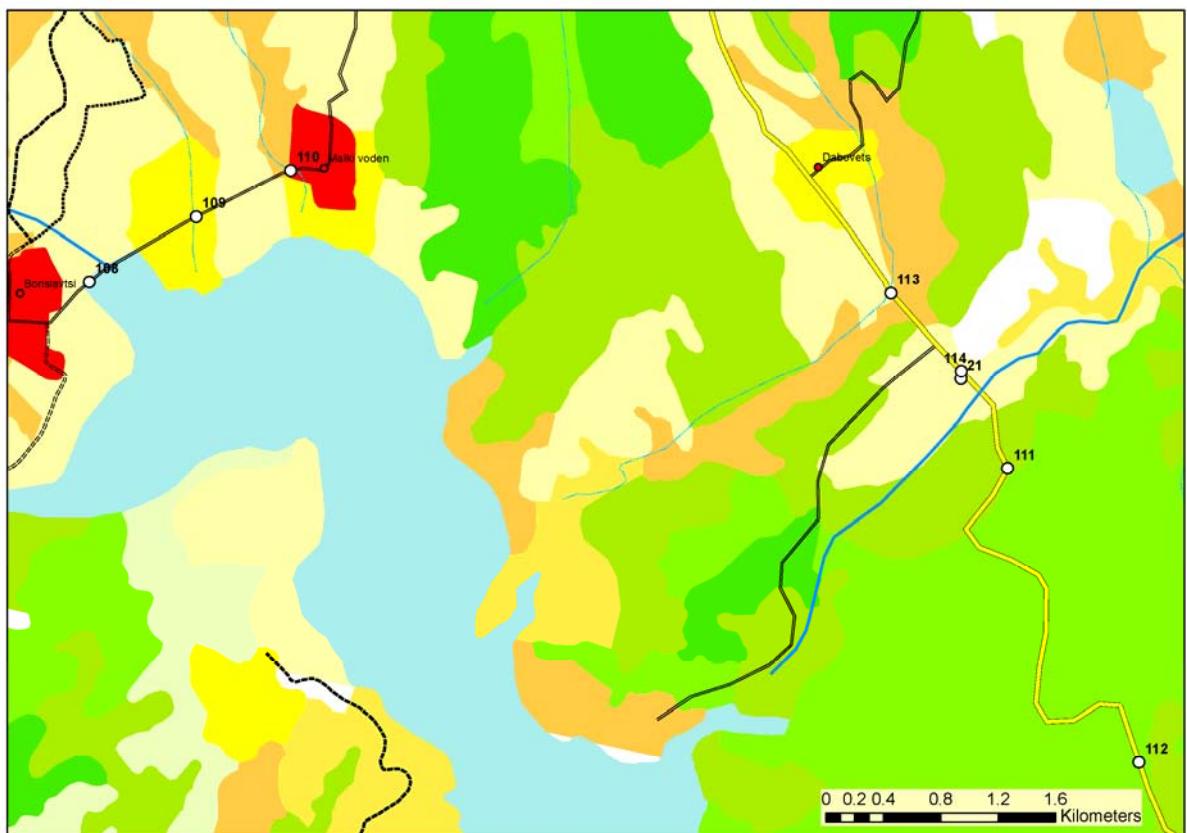
European bee-eater - *Merops apiaster*

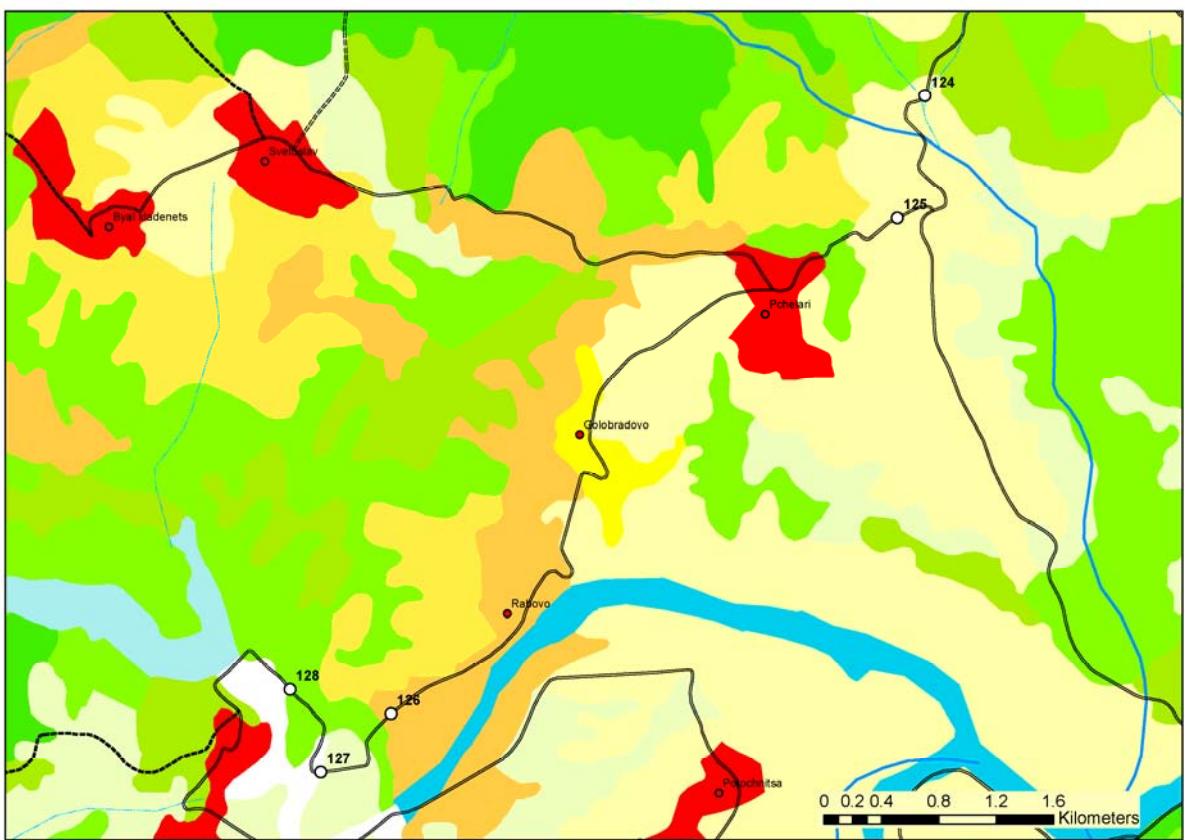
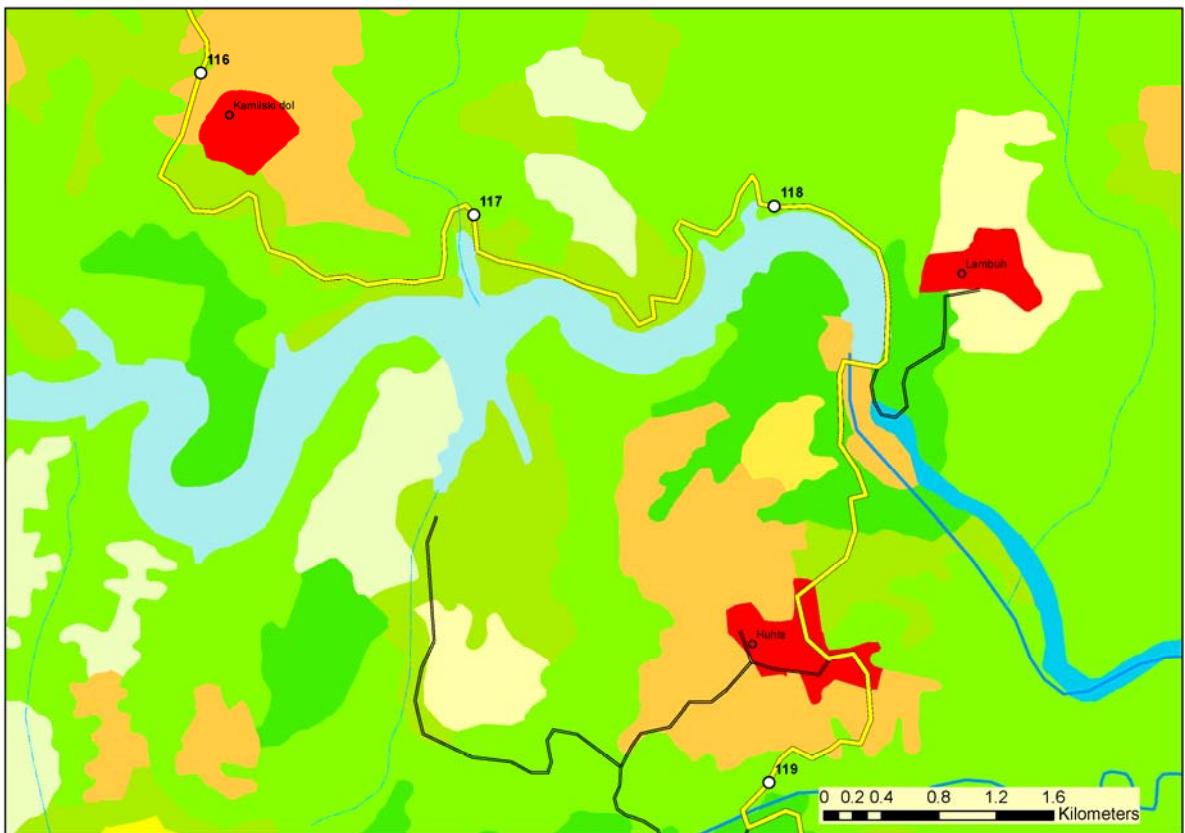
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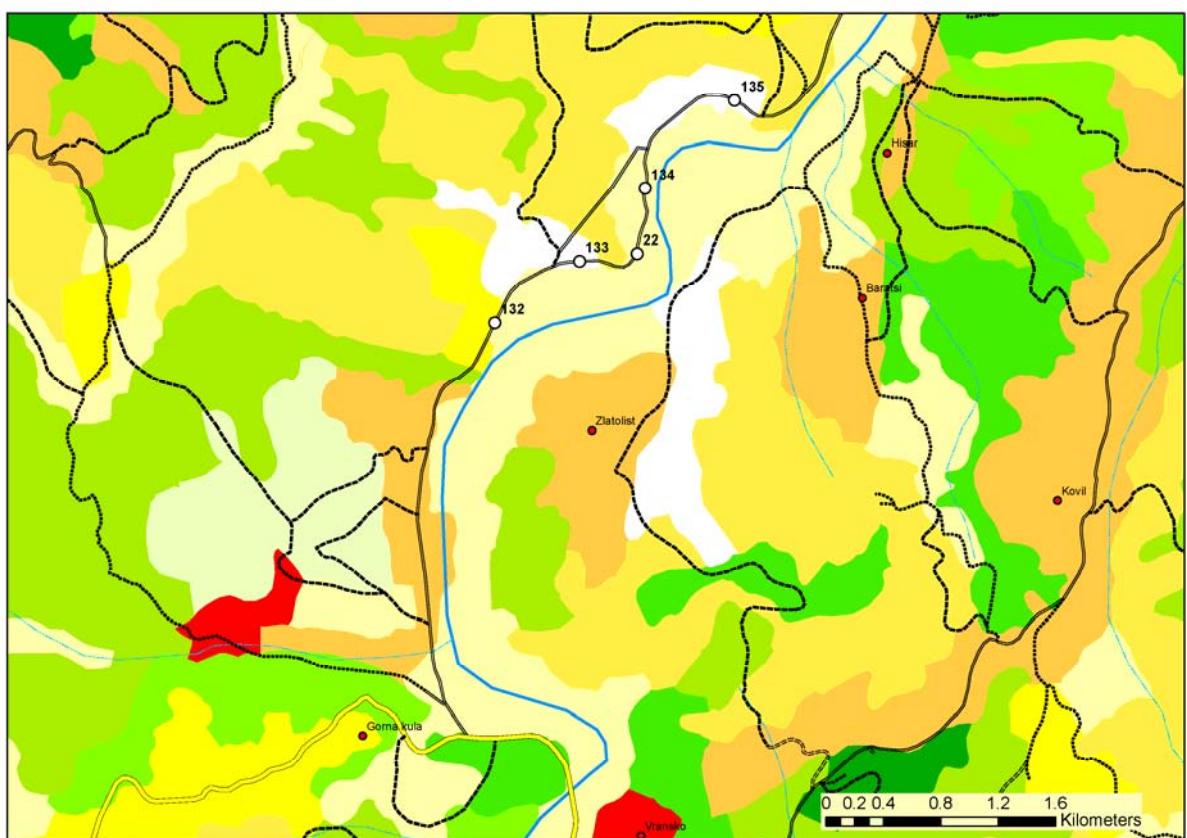
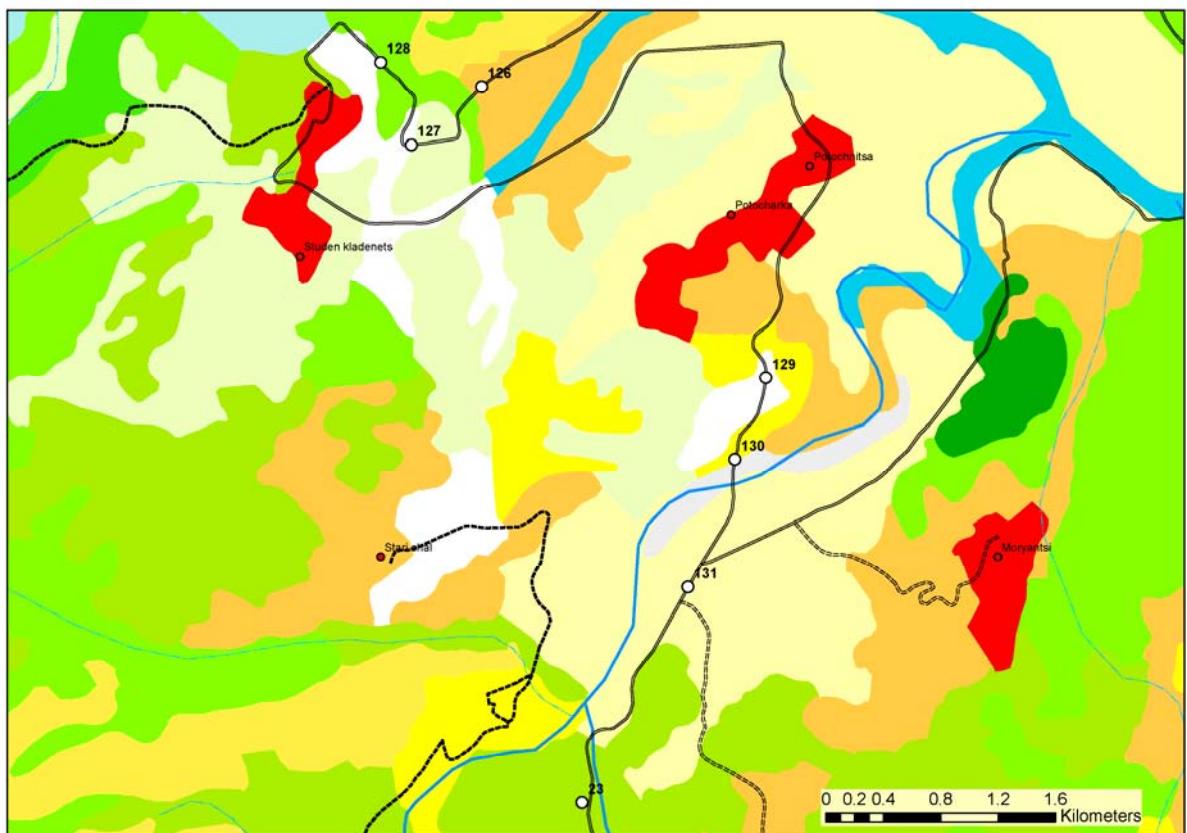
Fokko Erhart inspired us with his enthusiasm to start the project. Johan Bekhuis gave us tips where to watch birds, who to contact and where to rent a car. During our stay in Madzharovo we got great help from Marin Kurtev and Hristo Hristov on where to stay, where to eat and how to get loads of GIS data. Stoycho Stoychev and Iordan Hristov were very supportive for our work. We hope that they will continue their support to get this project a success.

Appendix 1. Locations of the observation points



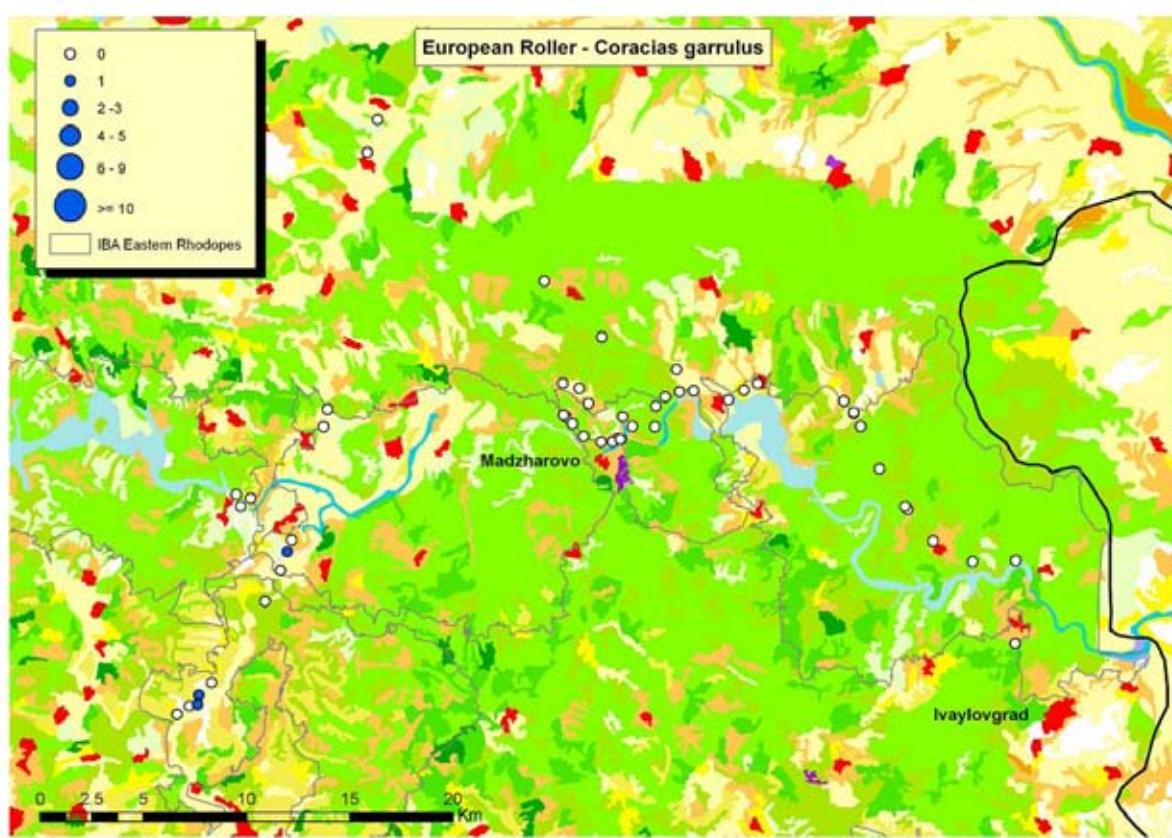


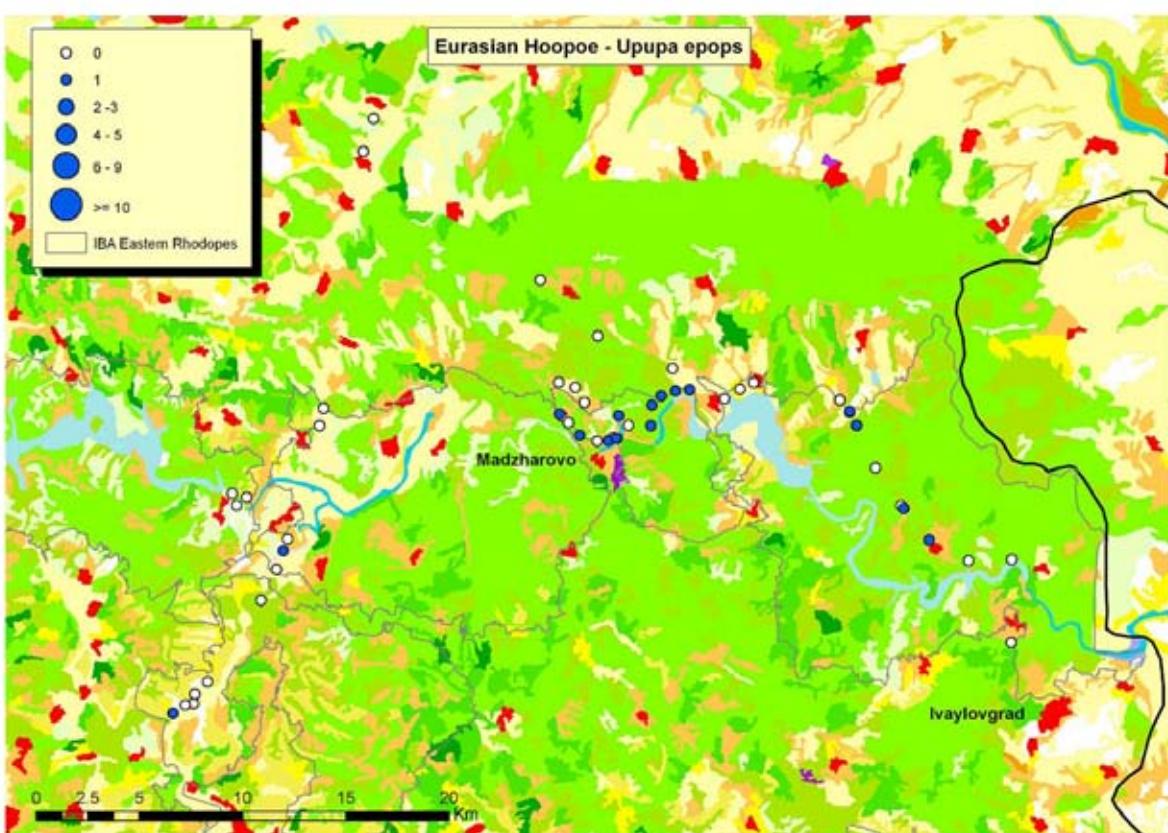
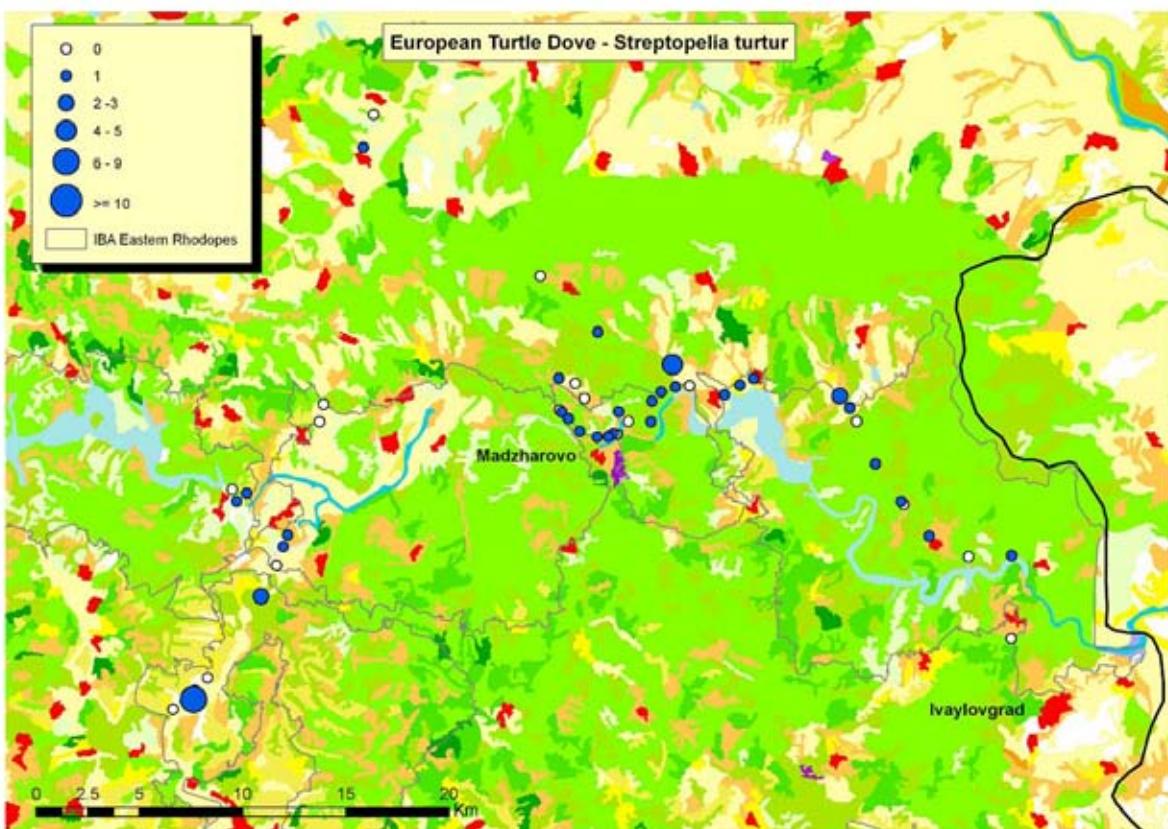


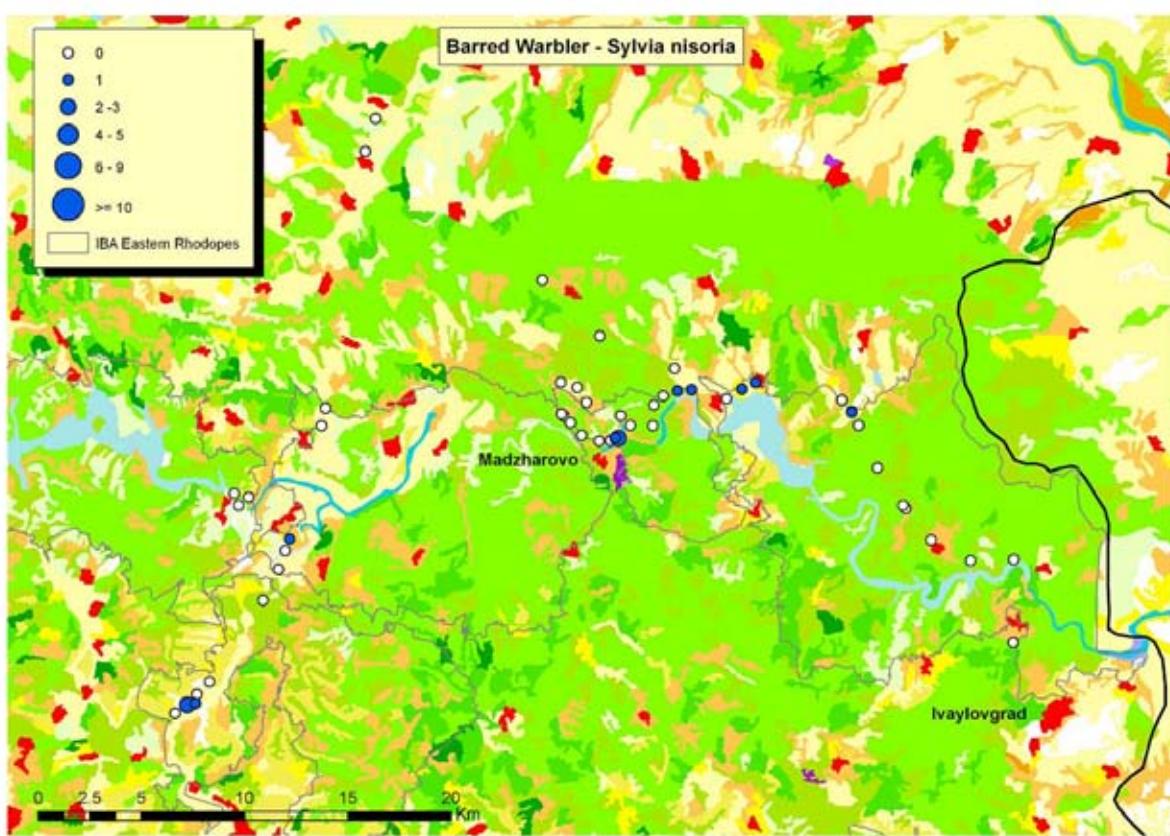
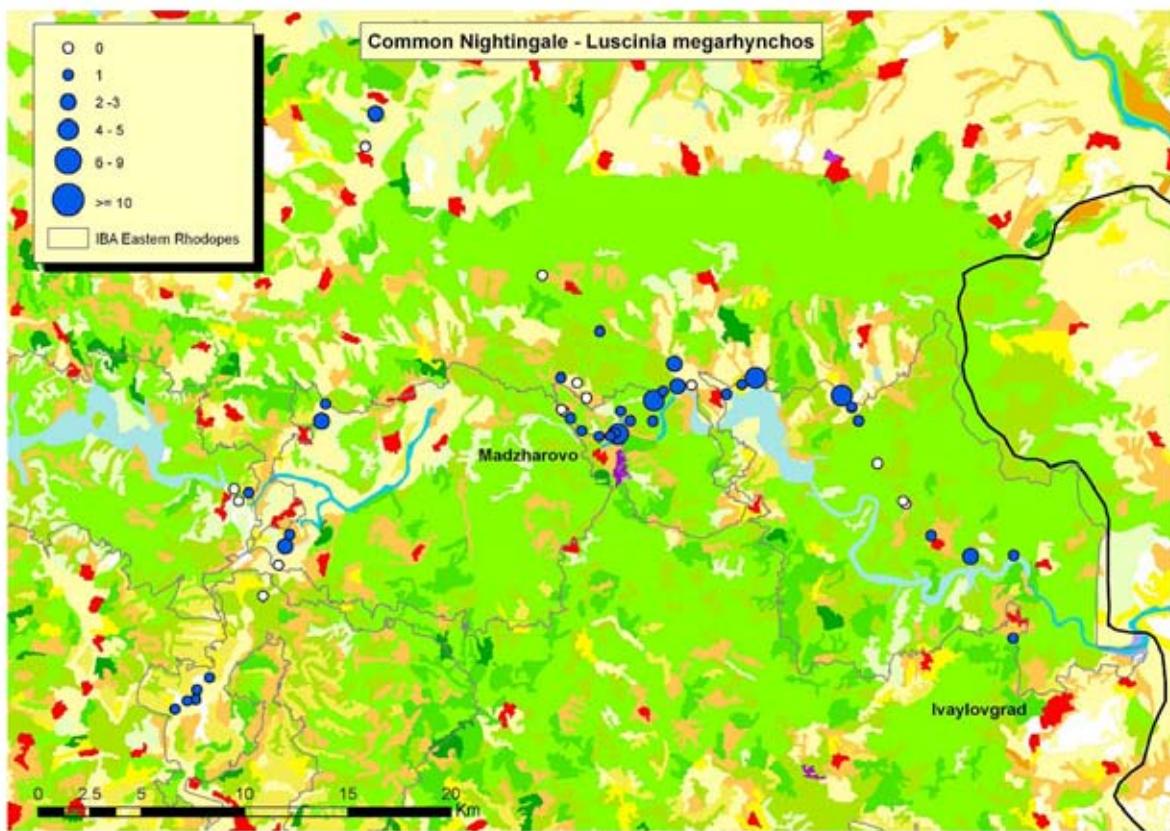


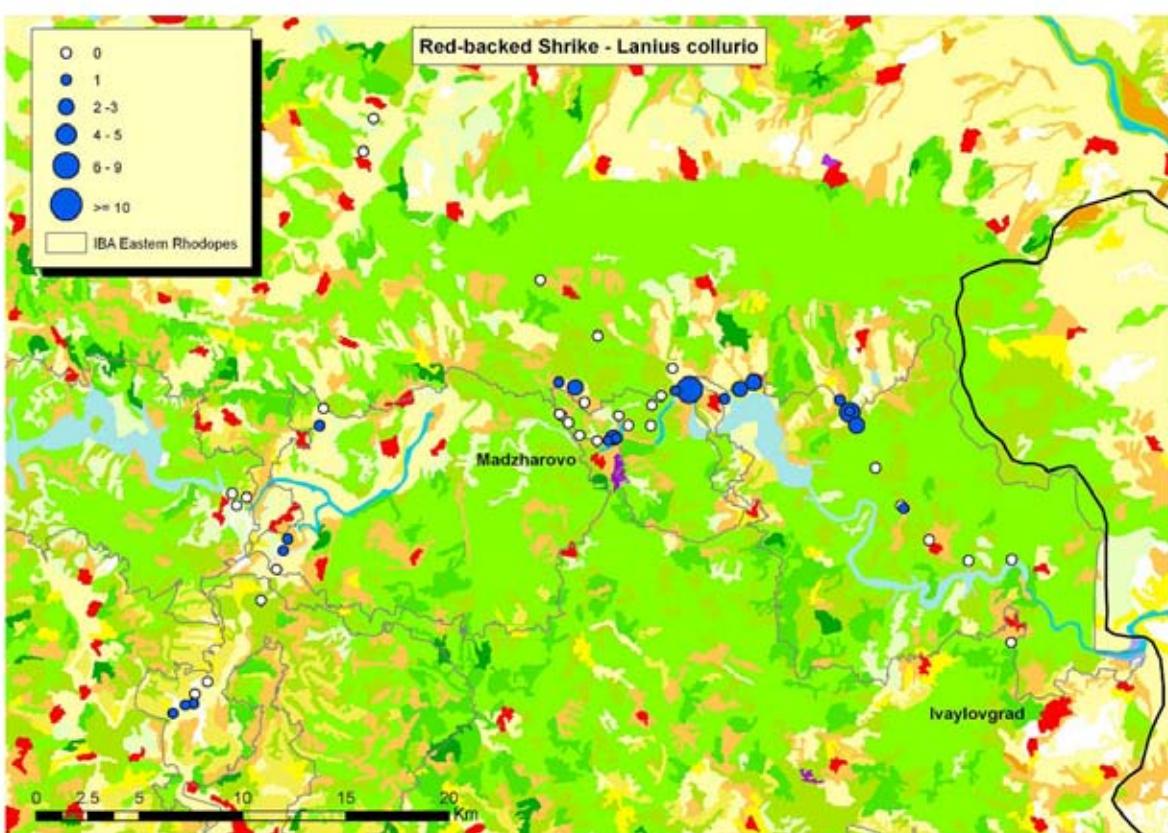
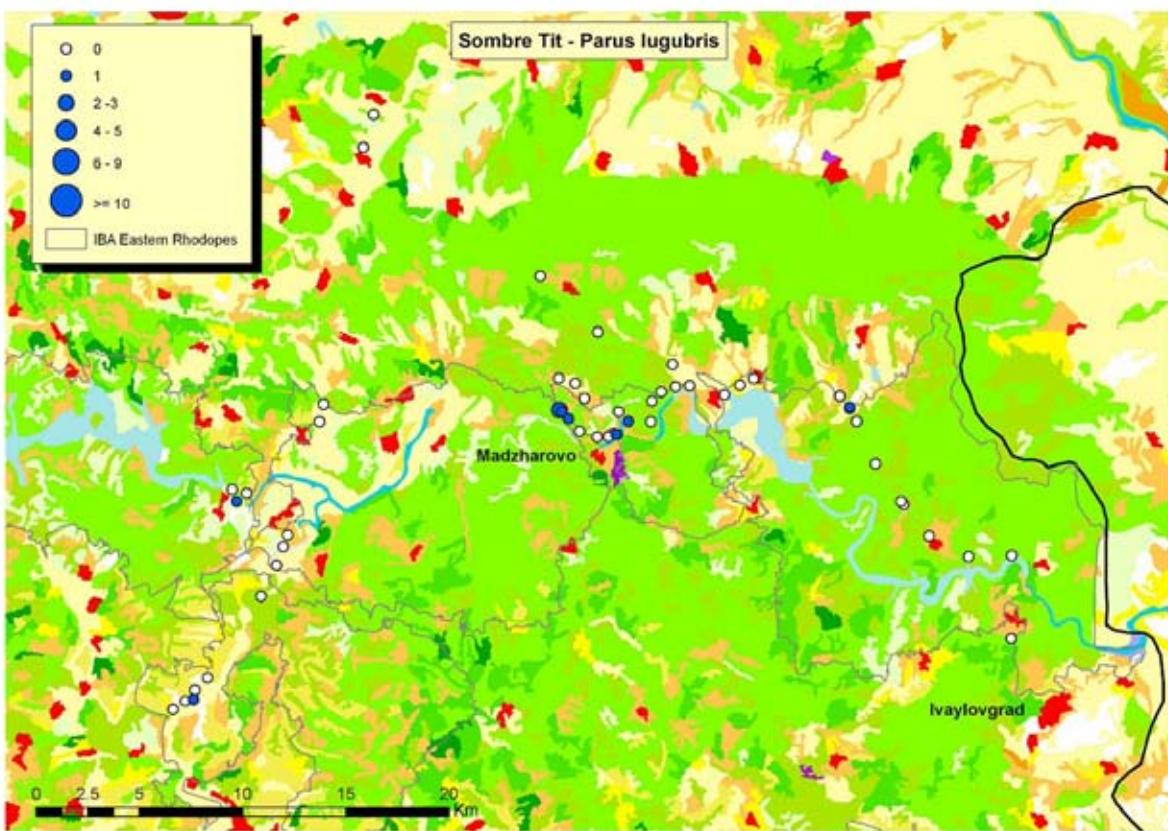
Appendix 2. Distribution maps

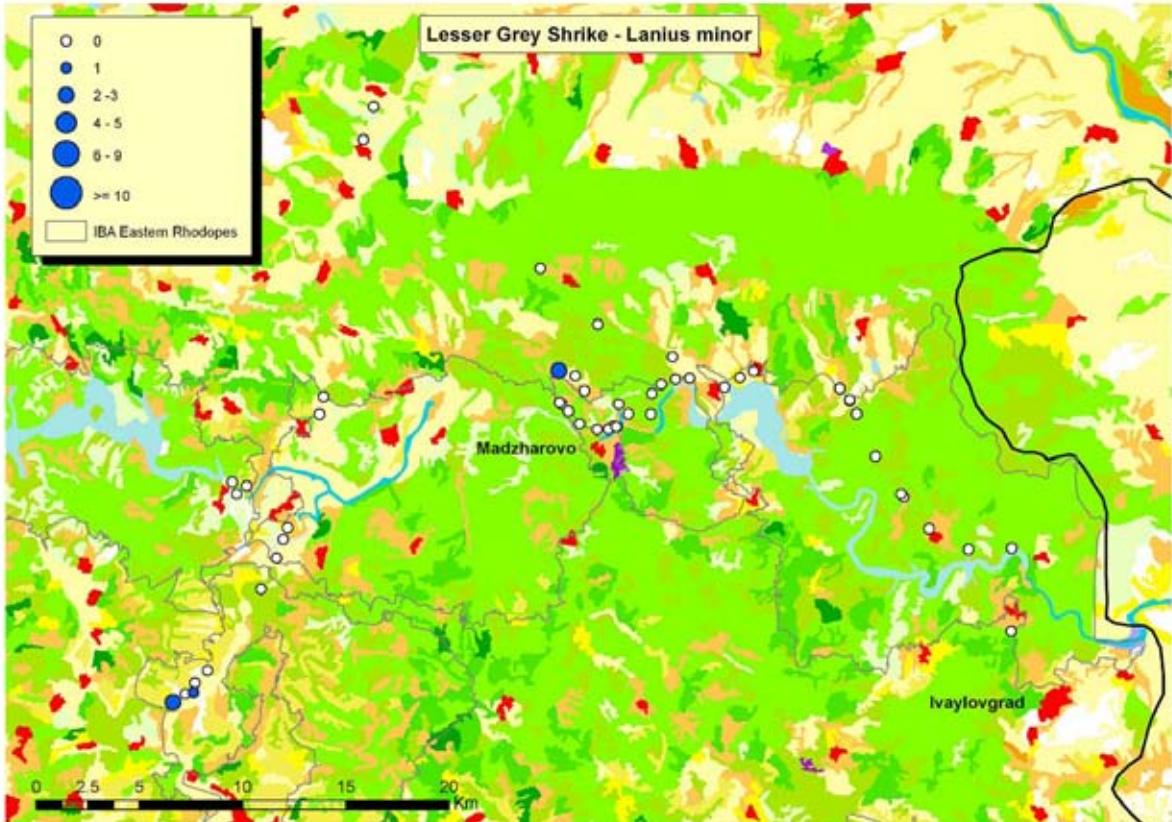
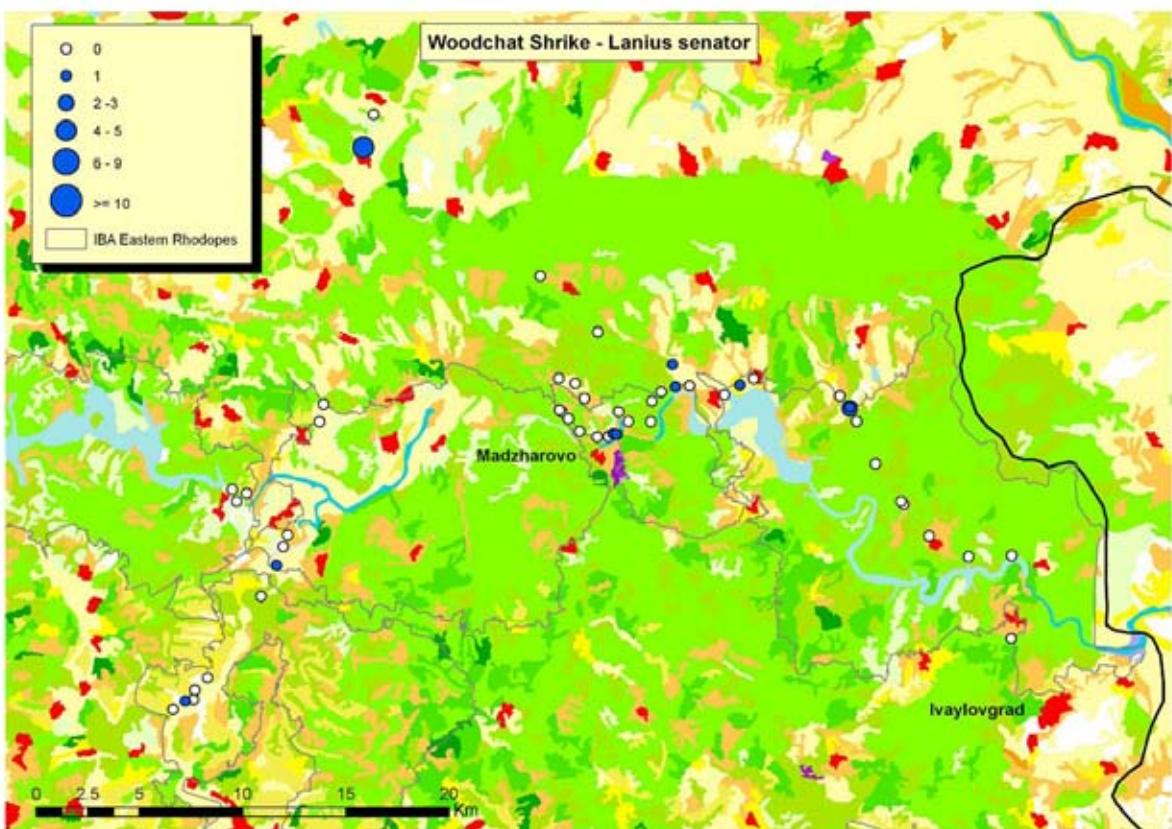
Distribution maps of a sample of characteristic bird species.

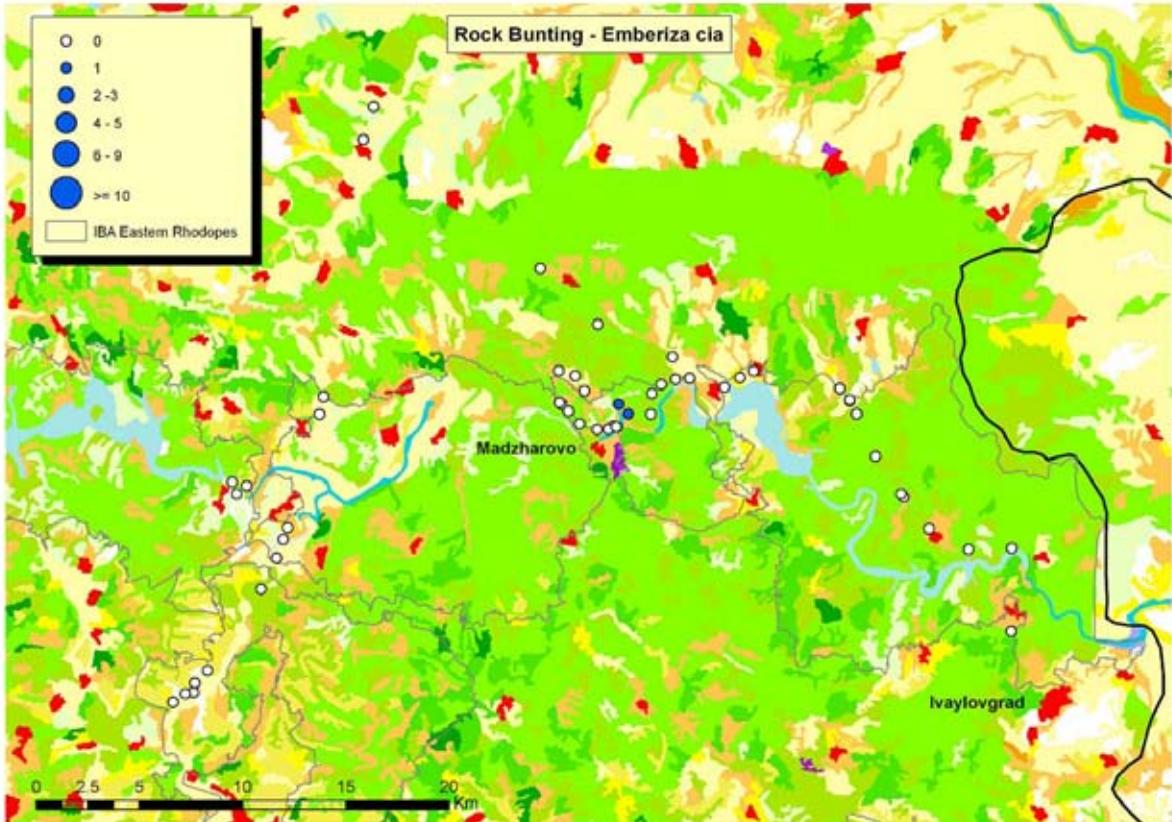
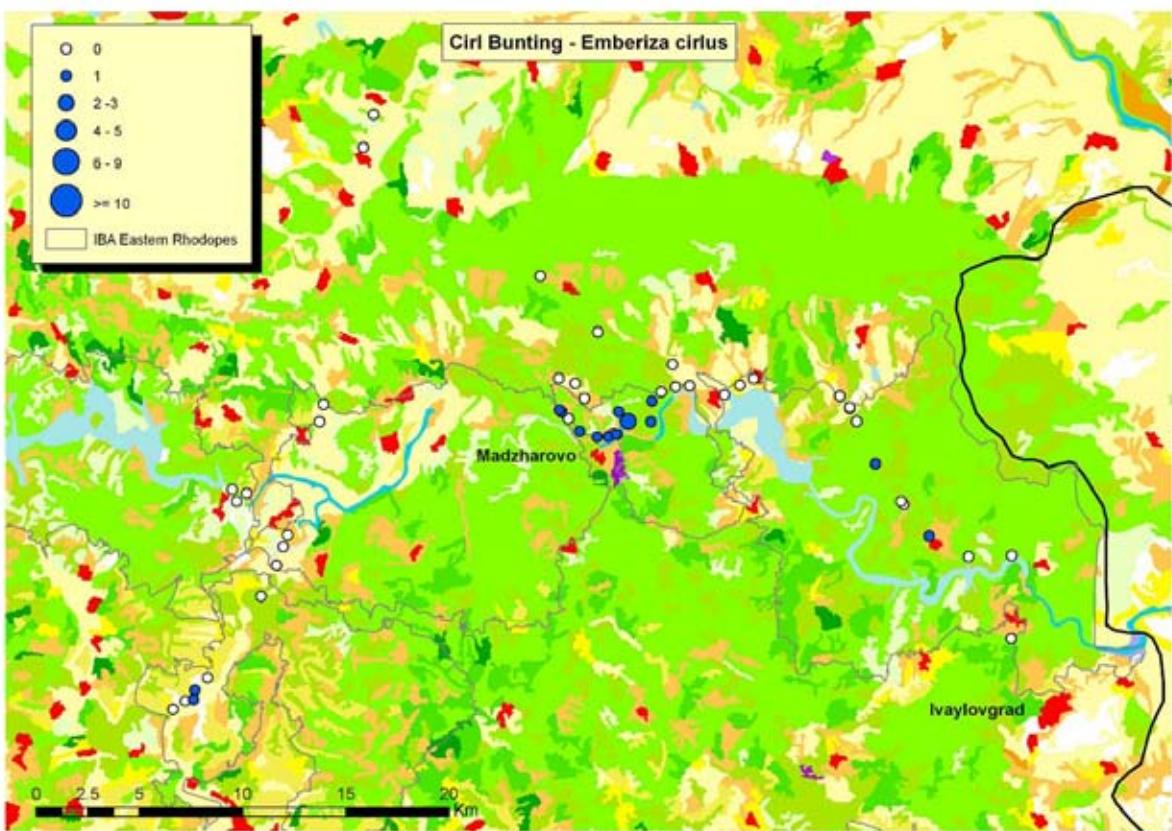


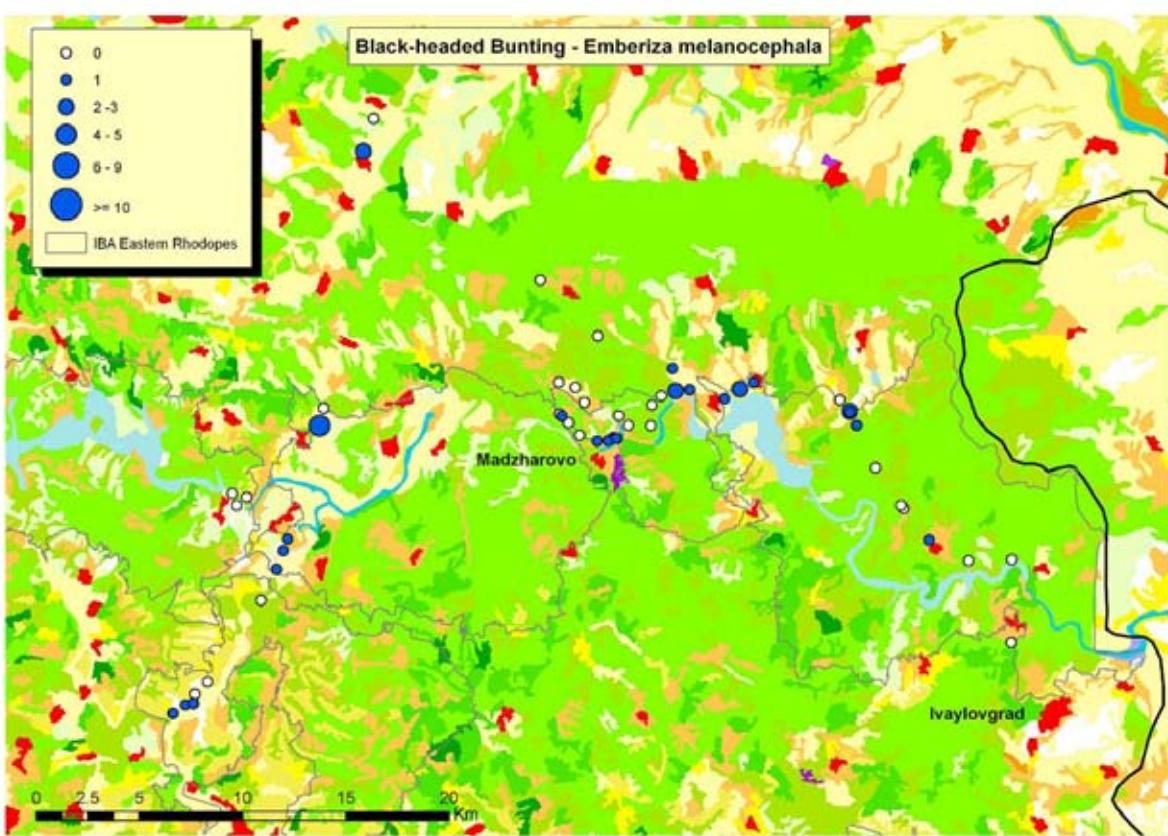
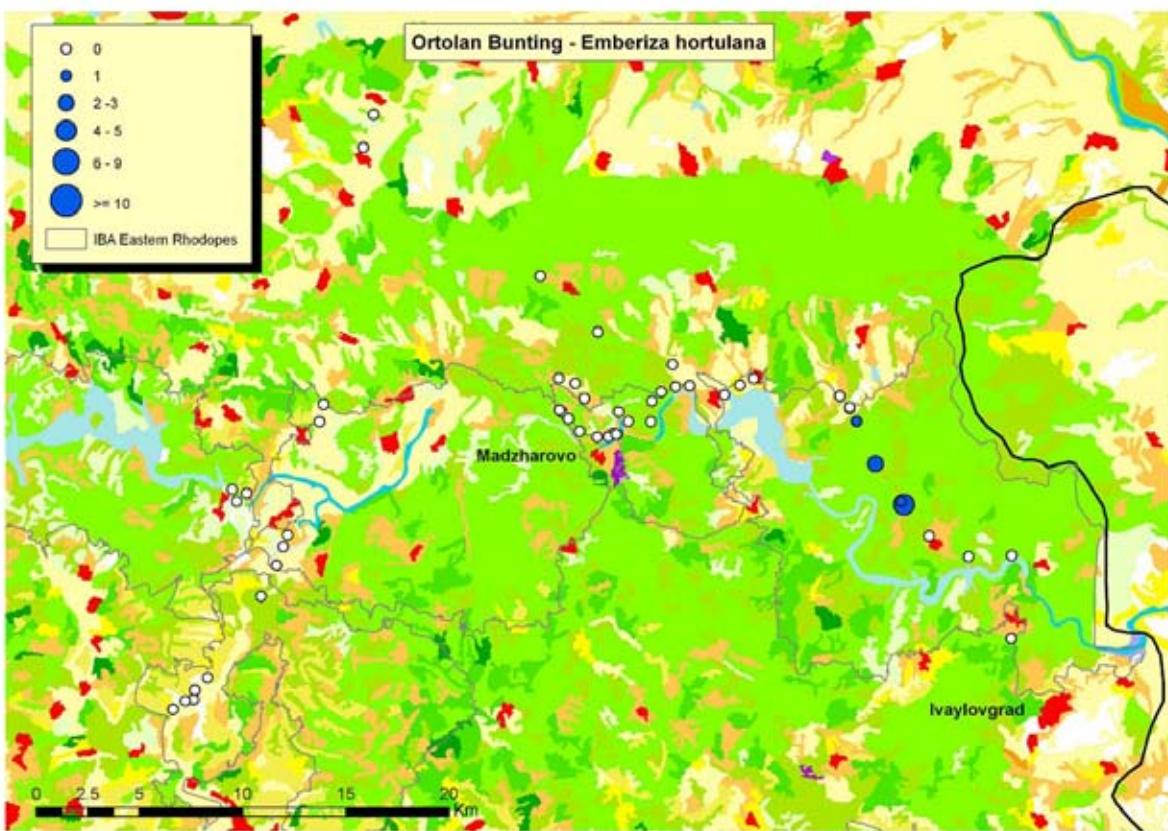


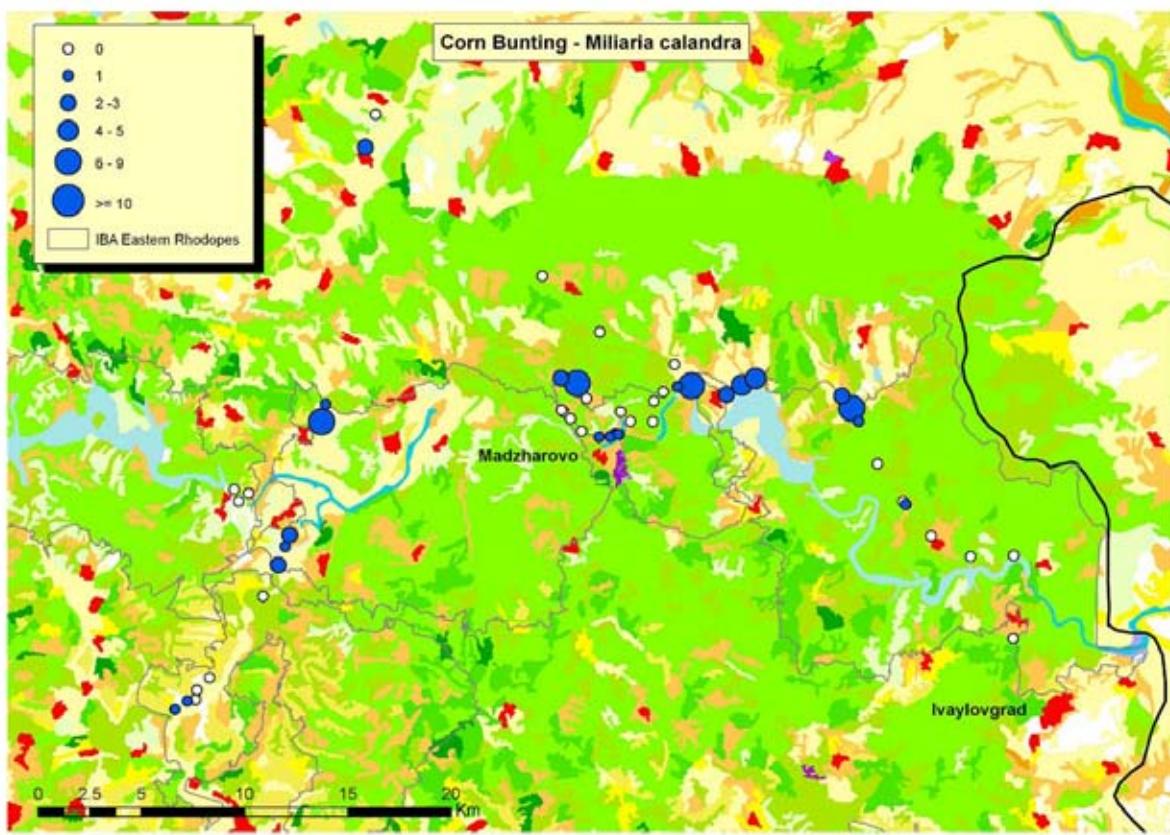












Appendix 3. Observations per point

Points 1-28 are roving points, while points 101-135 are fixed points. Points 1-8 and 28 are in SW-Bulgaria (Rila massive and surrounding area), points 26 and 27 are near Sakar mountain. The remaining points are within the Eastern Rhodope-region. "Weather unsuitable: x" in de header of a point means that the weather was unsuitable during the count because of rain and/or hard winds.

Point: 1 Lat: 42.36188 Lon: 23.10562

8-5-2010

10:27- 10:57

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
9760	Eurasian Skylark	<i>Alauda arvensis</i>	3			
9920	Barn Swallow	<i>Hirundo rustica</i>	7			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
11870	Common Blackbird	<i>Turdus merula</i>	3			
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
12740	Lesser Whitethroat	<i>Sylvia curruca</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	2			
15720	Common Raven	<i>Corvus corax</i>	1			
16600	Common Linnet	<i>Carduelis cannabina</i>	2			
18570	Yellowhammer	<i>Emberiza citrinella</i>	1			
18660	Ortolan Bunting	<i>Emberiza hortulana</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	2			

Point: 2 Lat: 42.12394 Lon: 23.11169

8-5-2010

11:38- 11:58

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
3040	Common Kestrel	<i>Falco tinnunculus</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
9610	Calandra Lark	<i>Melanocorypha calandra</i>	2			
9760	Eurasian Skylark	<i>Alauda arvensis</i>	6			
9920	Barn Swallow	<i>Hirundo rustica</i>	10			
10171	Blue-headed Wagtail	<i>Motacilla flava flava</i>	2			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	1			
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	10			

Point: 3 Lat: 42.12791 Lon: 23.22950

8-5-2010

12:24- 12:54

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2870	Common Buzzard	Buteo buteo	2			
9910	Crag Martin	Ptyonoprogne rupestris	8			
9920	Barn Swallow	Hirundo rustica	5			
10190	Grey Wagtail	Motacilla cinerea	1			
10201	White Wagtail	Motacilla alba alba	1			
14400	Marsh Tit	Parus palustris	1			
14610	Coal Tit	Parus ater	1			
14640	Great Tit	Parus major	1			
15980	Eurasian Tree Sparrow	Passer montanus	10			
18580	Cirl Bunting	Emberiza cirlus	1			

Point: 4 Lat: 42.15514 Lon: 23.40019

8-5-2010

13:00- 13:40

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
10190	Grey Wagtail	<i>Motacilla cinerea</i>	2			
10660	Winter Wren	<i>Troglodytes troglodytes</i>	1			
10990	European Robin	<i>Erithacus rubecula</i>	1			
12000	Song Thrush	<i>Turdus philomelos</i>	1			
13150	Firecrest	<i>Regulus ignicapillus</i>	1			
14610	Coal Tit	<i>Parus ater</i>	5			
14790	Eurasian Nuthatch	<i>Sitta europaea</i>	2			
14860	Eurasian Treecreeper	<i>Certhia familiaris</i>	1			
15390	Eurasian Jay	<i>Garrulus glandarius</i>	4			
15720	Common Raven	<i>Corvus corax</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	3			

Point: 5 Lat: 42.18878 Lon: 23.37410

9-5-2010

15:41- 16:30

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2870	Common Buzzard	Buteo buteo		1		
3040	Common Kestrel	Falco tinnunculus	1			
3200	Peregrine Falcon	Falco peregrinus		1		
10141	Water Pipit	Anthus spinoletta	1			
10190	Grey Wagtail	Motacilla cinerea	2			
10840	Dunnock	Prunella modularis	7			
11210	Black Redstart	Phoenicurus ochruros	3			
11860	Ring Ouzel	Turdus torquatus		1		
14820	Wallcreeper	Tichodroma muraria	2			
15570	Spotted Nutcracker	Nucifraga caryocatactes		1		

Point: 6 Lat: 42.20987 Lon: 23.38761

10-5-2010

8:58 - 9:18

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
7960	Pallid Swift	<i>Apus pallidus</i>	35			
10190	Grey Wagtail	<i>Motacilla cinerea</i>	2			
10201	White Wagtail	<i>Motacilla alba alba</i>	2			
10840	Dunnock	<i>Prunella modularis</i>	3			
11210	Black Redstart	<i>Phoenicurus ochruros</i>	3			
12020	Mistle Thrush	<i>Turdus viscivorus</i>	2			
13150	Firecrest	<i>Regulus ignicapillus</i>	1			
14610	Coal Tit	<i>Parus ater</i>	3			
14790	Eurasian Nuthatch	<i>Sitta europaea</i>	1			
15390	Eurasian Jay	<i>Garrulus glandarius</i>	1			
15570	Spotted Nutcracker	<i>Nucifraga caryocatactes</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	6			
16660	Common Crossbill	<i>Loxia curvirostra</i>	5			

Point: 7 Lat: 42.31097 Lon: 23.76528

10-5-2010

11:11- 11:36

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1340	White Stork	<i>Ciconia ciconia</i>	4			nest
7950	Common Swift	<i>Apus apus</i>	3			
9920	Barn Swallow	<i>Hirundo rustica</i>	15			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	1			
10010	Common House Martin	<i>Delichon urbica</i>	35			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
15910	House Sparrow	<i>Passer domesticus</i>	30			
15920	Spanish Sparrow	<i>Passer hispaniolensis</i>	7			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			

Point: 8 Lat: 42.24048 Lon: 24.21933

10-5-2010

12:13- 12:28

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
3040	Common Kestrel	<i>Falco tinnunculus</i>				
3070	Red-footed Falcon	<i>Falco vespertinus</i>		1		male
8400	European Bee-eater	<i>Merops apiaster</i>	4			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>		2		
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
12750	Common Whitethroat	<i>Sylvia communis</i>	1			
15490	Common Magpie	<i>Pica pica</i>	1			
15820	Common Starling	<i>Sturnus vulgaris</i>	1			
15980	Eurasian Tree Sparrow	<i>Passer montanus</i>	2			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			
16600	Common Linnet	<i>Carduelis cannabina</i>	1			
18660	Ortolan Bunting	<i>Emberiza hortulana</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	2			

Point: 9

Lat: 41.76799

Lon: 25.72010

11-5-2010

10:18- 11:36

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1310	Black Stork	<i>Ciconia nigra</i>			2	
1340	White Stork	<i>Ciconia ciconia</i>		1		
2870	Common Buzzard	<i>Buteo buteo</i>		1		
2920	Lesser Spotted Eagle	<i>Aquila pomarina</i>	2			adults
2960	Golden Eagle	<i>Aquila chrysaetos</i>		2		
3700	Common Quail	<i>Coturnix coturnix</i>		1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>	2			
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
7390	European Scops Owl	<i>Otus scops</i>		1		
7950	Common Swift	<i>Apus apus</i>	1			
8400	European Bee-eater	<i>Merops apiaster</i>		18		
9720	Crested Lark	<i>Galerida cristata</i>	2			
9920	Barn Swallow	<i>Hirundo rustica</i>	1			
10010	Common House Martin	<i>Delichon urbica</i>		15		
10050	Tawny Pipit	<i>Anthus campestris</i>	2			
10171	Blue-headed Wagtail	<i>Motacilla flava flava</i>			5	
11370	Whinchat	<i>Saxicola rubetra</i>	1			
11440	Isabelline Wheatear	<i>Oenanthe isabellina</i>	2			
11870	Common Blackbird	<i>Turdus merula</i>	1	1		
12550	Olivaceous Warbler	<i>Hippolais pallida</i>	2	2		
12750	Common Whitethroat	<i>Sylvia communis</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
15230	Woodchat Shrike	<i>Lanius senator</i>	2	2		males
15820	Common Starling	<i>Sturnus vulgaris</i>		7		
15910	House Sparrow	<i>Passer domesticus</i>	4			
15920	Spanish Sparrow	<i>Passer hispaniolensis</i>	6			
15980	Eurasian Tree Sparrow	<i>Passer montanus</i>	1			
16490	European Greenfinch	<i>Chloris chloris</i>	1	1		
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	2	1		
18820	Corn Bunting	<i>Miliaria calandra</i>	3			

Point: 10 Lat: 41.78227 Lon: 25.72592

11-5-2010

11:40- 11:55

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
8760	Great Spotted Woodpec	<i>Dendrocopos major</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	3			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
13110	Northern Chiffchaff	<i>Phylloscopus collybita</i>	1			
14620	Blue Tit	<i>Parus caeruleus</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	3			
15820	Common Starling	<i>Sturnus vulgaris</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			

Point: 12 Lat: 41.64470 Lon: 25.86789

11-5-2010

17:39- 19:00

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1310	Black Stork	<i>Ciconia nigra</i>		2		
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		1		
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>		12		
2560	Short-toed Eagle	<i>Circaetus gallicus</i>		1		
2880	Long-legged Buzzard	<i>Buteo rufinus</i>		1		
2980	Booted Eagle	<i>Hieraaetus pennatus</i>	1			light fase
3040	Common Kestrel	<i>Falco tinnunculus</i>	2	1		
3100	Eurasian Hobby	<i>Falco subbuteo</i>		1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
7980	Alpine Swift	<i>Apus melba</i>		7		
8560	European Green Woodpecker	<i>Picus viridis</i>	1			
9740	Wood Lark	<i>Lullula arborea</i>	2			
9920	Barn Swallow	<i>Hirundo rustica</i>	2			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	15	1		
10010	Common House Martin	<i>Delichon urbica</i>		85		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>		2		
11460	Northern Wheatear	<i>Oenanthe oenanthe</i>	2			one pair
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	3			males
15230	Woodchat Shrike	<i>Lanius senator</i>	2			males
15720	Common Raven	<i>Corvus corax</i>	1			
15820	Common Starling	<i>Sturnus vulgaris</i>			1	
15910	House Sparrow	<i>Passer domesticus</i>	1			
16530	European Goldfinch	<i>Carduelis carduelis</i>		3		
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	1	1		

Point: 14 Lat: 41.64325 Lon: 25.86512

12-5-2010

11:40- 11:56

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
7390	European Scops Owl	<i>Otus scops</i>		1		
8400	European Bee-eater	<i>Merops apiaster</i>		5		calls
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9920	Barn Swallow	<i>Hirundo rustica</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	1			
12650	Subalpine Warbler	<i>Sylvia cantillans</i>	2			
12770	Blackcap	<i>Sylvia atricapilla</i>	2			
14370	Long-tailed Tit	<i>Aegithalos caudatus</i>	4			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	2			
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
15920	Spanish Sparrow	<i>Passer hispaniolensis</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
16530	European Goldfinch	<i>Carduelis carduelis</i>	2			
17170	Hawfinch	<i>Coccothraustes coccothraust</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	1			

Point: 15 Lat: 41.65380 Lon: 25.83781

12-5-2010

12:03- 13:20

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1310	Black Stork	<i>Ciconia nigra</i>		1		
2310	European Honey-buzzard	<i>Pernis apivorus</i>		2		
2600	Western Marsh Harrier	<i>Circus aeruginosus</i>			1	female
2870	Common Buzzard	<i>Buteo buteo</i>		1		
3040	Common Kestrel	<i>Falco tinnunculus</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
8760	Great Spotted Woodpecker	<i>Dendrocopos major</i>	1			
9910	Crag Martin	<i>Ptyonoprogne rupestris</i>	1	2		
11210	Black Redstart	<i>Phoenicurus ochruros</i>	1			
11481	Eastern Black-eared Wheatear	<i>Oenanthe hispanica melanoleuca</i>	1			male
11660	Blue Rock Thrush	<i>Monticola solitarius</i>		1		
11870	Common Blackbird	<i>Turdus merula</i>	2			
12650	Subalpine Warbler	<i>Sylvia cantillans</i>	2			
12740	Lesser Whitethroat	<i>Sylvia curruca</i>	1			
13110	Northern Chiffchaff	<i>Phylloscopus collybita</i>	1			
14410	Sombre Tit	<i>Parus lugubris</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
14870	Short-toed Treecreeper	<i>Certhia brachydactyla</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15390	Eurasian Jay	<i>Garrulus glandarius</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>		1		

Point: 16 Lat: 41.66854 Lon: 25.83579

12-5-2010

14:54- 15:47

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
70	Little Grebe	<i>Tachybaptus ruficollis</i>		1		
1340	White Stork	<i>Ciconia ciconia</i>	1			
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		1		
2870	Common Buzzard	<i>Buteo buteo</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1	1		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
9760	Eurasian Skylark	<i>Alauda arvensis</i>	2			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>		1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	2			one pair
15190	Lesser Grey Shrike	<i>Lanius minor</i>	3			
15920	Spanish Sparrow	<i>Passer hispaniolensis</i>	3			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	3			

Point: 17 Lat: 41.65991 Lon: 25.85090

12-5-2010

16:04- 17:05

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1340	White Stork	<i>Ciconia ciconia</i>	1			nest
2470	Egyptian Vulture	<i>Neophron percnopterus</i>	1			
7980	Alpine Swift	<i>Apus melba</i>	1			
9920	Barn Swallow	<i>Hirundo rustica</i>	7			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	1			
10010	Common House Martin	<i>Delichon urbica</i>		12		
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15820	Common Starling	<i>Sturnus vulgaris</i>	2			
15910	House Sparrow	<i>Passer domesticus</i>	3			
15920	Spanish Sparrow	<i>Passer hispaniolensis</i>	20			

Point: 18 Lat: 41.66635 Lon: 25.84552

12-5-2010

17:16- 18:52

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1340	White Stork	<i>Ciconia ciconia</i>		1		
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		2		
3700	Common Quail	<i>Coturnix coturnix</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
9720	Crested Lark	<i>Galerida cristata</i>	1			
9760	Eurasian Skylark	<i>Alauda arvensis</i>	6			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	1			
11370	Whinchat	<i>Saxicola rubetra</i>	2			
12530	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>	2			
15150	Red-backed Shrike	<i>Lanius collurio</i>	2	1		
15820	Common Starling	<i>Sturnus vulgaris</i>	5			
18820	Corn Bunting	<i>Miliaria calandra</i>	7			

Point: 19 Lat: 41.68887 Lon: 25.85809

12-5-2010

18:11- 18:40

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>		2		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	2			
12770	Blackcap	<i>Sylvia atricapilla</i>	3			
13070	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>	1			
14370	Long-tailed Tit	<i>Aegithalos caudatus</i>	2			
14620	Blue Tit	<i>Parus caeruleus</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15820	Common Starling	<i>Sturnus vulgaris</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			

Point: 20 Lat: 41.67521 Lon: 25.90190

12-5-2010

19:13- 19:36

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
3940	Common Pheasant	<i>Phasianus colchicus</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	2	2		
7240	Common Cuckoo	<i>Cuculus canorus</i>	2			
8560	European Green Woodpecker	<i>Picus viridis</i>	1			
9720	Crested Lark	<i>Galerida cristata</i>	2			
10050	Tawny Pipit	<i>Anthus campestris</i>	2			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	3			
11390	European Stonechat	<i>Saxicola torquata</i>		3		
11870	Common Blackbird	<i>Turdus merula</i>	3	2		
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	2			
15230	Woodchat Shrike	<i>Lanius senator</i>	1	1		
15720	Common Raven	<i>Corvus corax</i>		1		
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	2			

Point: 21 Lat: 41.65693 Lon: 26.00529

14-5-2010

13:15- 13:35

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2310	European Honey-buzzard	Pernis apivorus	3			
6870	European Turtle Dove	Streptopelia turtur		1		
7240	Common Cuckoo	Cuculus canorus	1			
8400	European Bee-eater	Merops apiaster	-1			calls
8560	European Green Woodpecker	Picus viridis		1		
9760	Eurasian Skylark	Alauda arvensis	2			
9920	Barn Swallow	Hirundo rustica	3			
9950	Red-rumped Swallow	Hirundo daurica	1			
11040	Common Nightingale	Luscinia megarhynchos	1	1		
12020	Mistle Thrush	Turdus viscivorus	1			
12550	Olivaceous Warbler	Hippolais pallida	1			
12730	Barred Warbler	Sylvia nisoria	1			
15080	Eurasian Golden Oriole	Oriolus oriolus		1		
15150	Red-backed Shrike	Lanius collurio	4			
15230	Woodchat Shrike	Lanius senator	3			
15920	Spanish Sparrow	Passer hispaniolensis	1			nest
16360	Common Chaffinch	Fringilla coelebs	2			
16530	European Goldfinch	Carduelis carduelis	2			
18810	Black-headed Bunting	Emberiza melanocephala	2			
18820	Corn Bunting	Miliaria calandra	5	2		

Point: 22 Lat: 41.52609 Lon: 25.62642

16-5-2010

12:48- 14:06

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1220	Grey Heron	<i>Ardea cinerea</i>	2			
1310	Black Stork	<i>Ciconia nigra</i>		1		
1340	White Stork	<i>Ciconia ciconia</i>			1	
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>			1	
2880	Long-legged Buzzard	<i>Buteo rufinus</i>	2			
3100	Eurasian Hobby	<i>Falco subbuteo</i>	1			
4690	Little Ringed Plover	<i>Charadrius dubius</i>	2			
5927	Mediterranean Yellow-l	<i>Larus michahellis</i>	1			
6700	Common Wood Pigeon	<i>Columba palumbus</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	6			
7240	Common Cuckoo	<i>Cuculus canorus</i>	2	1		
8310	Common Kingfisher	<i>Alcedo atthis</i>	1			
8410	European Roller	<i>Coracias garrulus</i>	1			
10201	White Wagtail	<i>Motacilla alba alba</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
12750	Common Whitethroat	<i>Sylvia communis</i>	1			
14410	Sombre Tit	<i>Parus lugubris</i>	2			with food
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
15190	Lesser Grey Shrike	<i>Lanius minor</i>	2			
15673	Hooded Crow	<i>Corvus corone cornix</i>	5			
15820	Common Starling	<i>Sturnus vulgaris</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			

Point: 23 Lat: 41.57154 Lon: 25.66468

16-5-2010

17:43- 18:17

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1310	Black Stork	<i>Ciconia nigra</i>			1	
2880	Long-legged Buzzard	<i>Buteo rufinus</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	2	1		
8400	European Bee-eater	<i>Merops apiaster</i>	8			
9910	Crag Martin	<i>Ptyonoprogne rupestris</i>	2			
10190	Grey Wagtail	<i>Motacilla cinerea</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	5			
12670	Sardinian Warbler	<i>Sylvia melanocephala</i>	1			
12740	Lesser Whitethroat	<i>Sylvia curruca</i>	1			
13110	Northern Chiffchaff	<i>Phylloscopus collybita</i>	3	2		
14370	Long-tailed Tit	<i>Aegithalos caudatus</i>	6			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	1			

Point: 24 Lat: 41.66547 Lon: 25.90370

17-5-2010

8:38 - 9:46

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1220	Grey Heron	<i>Ardea cinerea</i>		1		
1310	Black Stork	<i>Ciconia nigra</i>			1	
1340	White Stork	<i>Ciconia ciconia</i>		1		
2560	Short-toed Eagle	<i>Circaetus gallicus</i>	2			
3940	Common Pheasant	<i>Phasianus colchicus</i>		1		
5927	Mediterranean Yellow-l	<i>Larus michahellis</i>		1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>	2			
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
7950	Common Swift	<i>Apus apus</i>	3			
7980	Alpine Swift	<i>Apus melba</i>		1		
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9740	Wood Lark	<i>Lullula arborea</i>	1	1		
9910	Crag Martin	<i>Ptyonoprogne rupestris</i>	1			
9920	Barn Swallow	<i>Hirundo rustica</i>	12			
10010	Common House Martin	<i>Delichon urbica</i>	10			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1	2		
11870	Common Blackbird	<i>Turdus merula</i>	1	2		
12550	Olivaceous Warbler	<i>Hippolais pallida</i>	1			
12580	Olive-tree Warbler	<i>Hippolais olivetorum</i>	2			
12670	Sardinian Warbler	<i>Sylvia melanocephala</i>	1			
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
12740	Lesser Whitethroat	<i>Sylvia curruca</i>	1			
12750	Common Whitethroat	<i>Sylvia communis</i>	1			
12760	Garden Warbler	<i>Sylvia borin</i>	1			
13150	Firecrest	<i>Regulus ignicapillus</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	3			
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
15230	Woodchat Shrike	<i>Lanius senator</i>	2			
15820	Common Starling	<i>Sturnus vulgaris</i>	1			
15820	Common Starling	<i>Sturnus vulgaris</i>	6			
15920	Spanish Sparrow	<i>Passer hispaniolensis</i>	3			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	2			

Point: 24 Lat: 41.66547 Lon: 25.90370

18-5-2010

9:27 - 9:41

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1340	White Stork	<i>Ciconia ciconia</i>	1	1		
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>			5	
3040	Common Kestrel	<i>Falco tinnunculus</i>	1	1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9760	Eurasian Skylark	<i>Alauda arvensis</i>		2		
9950	Red-rumped Swallow	<i>Hirundo daurica</i>		1		
10010	Common House Martin	<i>Delichon urbica</i>	7	25		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
12580	Olive-tree Warbler	<i>Hippolais olivetorum</i>	2			
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	2	1		
15230	Woodchat Shrike	<i>Lanius senator</i>	2			
15820	Common Starling	<i>Sturnus vulgaris</i>	5			
15910	House Sparrow	<i>Passer domesticus</i>	3			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	3			
18820	Corn Bunting	<i>Miliaria calandra</i>	2			

Point: 25 Lat: 41.61523 Lon: 26.03744

17-5-2010

13:10- 14:00

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2380	Black Kite	<i>Milvus migrans</i>	1	2		
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
8400	European Bee-eater	<i>Merops apiaster</i>	5			
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	5			
11870	Common Blackbird	<i>Turdus merula</i>	2			
12000	Song Thrush	<i>Turdus philomelos</i>	1			
13070	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	2	1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	2			
15980	Eurasian Tree Sparrow	<i>Passer montanus</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	3			
18660	Ortolan Bunting	<i>Emberiza hortulana</i>	3	1		
18820	Corn Bunting	<i>Miliaria calandra</i>	1			

Point: 26 Lat: Lon:

18-5-2010

11:30- 12:00

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
9740	Wood Lark	<i>Lullula arborea</i>	2			
9760	Eurasian Skylark	<i>Alauda arvensis</i>		1		
11870	Common Blackbird	<i>Turdus merula</i>	1			
12580	Olive-tree Warbler	<i>Hippolais olivetorum</i>	2			
12720	Orphean Warbler	<i>Sylvia hortensis</i>	5			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	3			
15230	Woodchat Shrike	<i>Lanius senator</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	2			

Point: 27

Lat:

Lon:

18-5-2010

14:35- 15:55

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2880	Long-legged Buzzard	<i>Buteo rufinus</i>		1		
2951	Imperial Eagle	<i>Aquila heliaca</i>	1			ad
3100	Eurasian Hobby	<i>Falco subbuteo</i>		1		
9610	Calandra Lark	<i>Melanocorypha calandra</i>	17	15		
9720	Crested Lark	<i>Galerida cristata</i>	2			
9760	Eurasian Skylark	<i>Alauda arvensis</i>	3	7		
9920	Barn Swallow	<i>Hirundo rustica</i>	2			
12580	Olive-tree Warbler	<i>Hippolais olivetorum</i>	1			
15920	Spanish Sparrow	<i>Passer hispaniolensis</i>	4			
16490	European Greenfinch	<i>Chloris chloris</i>	1			
16530	European Goldfinch	<i>Carduelis carduelis</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	5	1		
18820	Corn Bunting	<i>Miliaria calandra</i>	3	2		

Point: 28 Lat:

Lon:

19-5-2010

14:28- 15:35

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2880	Long-legged Buzzard	Buteo rufinus		3		
2951	Imperial Eagle	Aquila heliaca		1		subad
3040	Common Kestrel	Falco tinnunculus		1		
3700	Common Quail	Coturnix coturnix		1		
4590	Stone-curlew	Burhinus oedicnemus	1			
9610	Calandra Lark	Melanocorypha calandra	8	10		
9680	Greater Short-toed Lark	Calandrella brachydactyla	2	2		
9720	Crested Lark	Galerida cristata	2			
9760	Eurasian Skylark	Alauda arvensis	5	7		
9920	Barn Swallow	Hirundo rustica	15	45		
15490	Common Magpie	Pica pica		1		
15720	Common Raven	Corvus corax		1		
15910	House Sparrow	Passer domesticus	6			
15920	Spanish Sparrow	Passer hispaniolensis	35			
16530	European Goldfinch	Carduelis carduelis	2			
16600	Common Linnet	Carduelis cannabina	1			
18810	Black-headed Bunting	Emberiza melanocephala	3			
18820	Corn Bunting	Miliaria calandra	2			

Point: 101 Lat: 41.64441 Lon: 25.86970

12-5-2010

10:08- 11:30

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1310	Black Stork	<i>Ciconia nigra</i>	1			
2310	European Honey-buzzard	<i>Pernis apivorus</i>		2		
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		1		
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>		5		
2870	Common Buzzard	<i>Buteo buteo</i>		1		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
7980	Alpine Swift	<i>Apus melba</i>		14		
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9740	Wood Lark	<i>Lullula arborea</i>	1			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	3			
10010	Common House Martin	<i>Delichon urbica</i>		16		
10201	White Wagtail	<i>Motacilla alba alba</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	3	2		
11870	Common Blackbird	<i>Turdus merula</i>	3			
12730	Barred Warbler	<i>Sylvia nisoria</i>	3			
12770	Blackcap	<i>Sylvia atricapilla</i>	2			
14620	Blue Tit	<i>Parus caeruleus</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
14870	Short-toed Treecreeper	<i>Certhia brachydactyla</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1	1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
15720	Common Raven	<i>Corvus corax</i>		1		
15820	Common Starling	<i>Sturnus vulgaris</i>	2			
15910	House Sparrow	<i>Passer domesticus</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
16530	European Goldfinch	<i>Carduelis carduelis</i>	7			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			

14-5-2010

9:25 - 9:35

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1310	Black Stork	<i>Ciconia nigra</i>	1			
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		1		
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>	6	7		
2870	Common Buzzard	<i>Buteo buteo</i>	1			

Point: 101 Lat: 41.64441 Lon: 25.86970

14-5-2010

9:25 - 9:35

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2980	Booted Eagle	<i>Hieraetus pennatus</i>	1			light fase
7980	Alpine Swift	<i>Apus melba</i>		6		
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9740	Wood Lark	<i>Lullula arborea</i>	1			
9910	Crag Martin	<i>Ptyonoprogne rupestris</i>	2	1		
9920	Barn Swallow	<i>Hirundo rustica</i>		1		
10010	Common House Martin	<i>Delichon urbica</i>	6	7		
10190	Grey Wagtail	<i>Motacilla cinerea</i>	1			
10201	White Wagtail	<i>Motacilla alba alba</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
11870	Common Blackbird	<i>Turdus merula</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	1			
16490	European Greenfinch	<i>Chloris chloris</i>	1			
16530	European Goldfinch	<i>Carduelis carduelis</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	1			

18-5-2010

9:00 - 9:10

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		2		
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>		1		
9740	Wood Lark	<i>Lullula arborea</i>		1		
9920	Barn Swallow	<i>Hirundo rustica</i>	3			
10010	Common House Martin	<i>Delichon urbica</i>	35			
10201	White Wagtail	<i>Motacilla alba alba</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2	2		
12670	Sardinian Warbler	<i>Sylvia melanocephala</i>	1			
14410	Sombre Tit	<i>Parus lugubris</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			

Point: 101 Lat: 41.64441 Lon: 25.86970

18-5-2010

9:00 - 9:10

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
15230	Woodchat Shrike	<i>Lanius senator</i>	1			
15390	Eurasian Jay	<i>Garrulus glandarius</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	5			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			

Point: 102 Lat: 41.65418 Lon: 25.87085

14-5-2010

9:42 - 9:52

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		1		
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>		5		
3200	Peregrine Falcon	<i>Falco peregrinus</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
7980	Alpine Swift	<i>Apus melba</i>	2			
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9810	Sand Martin	<i>Riparia riparia</i>	3			
9910	Crag Martin	<i>Ptyonoprogne rupestris</i>	1			
9920	Barn Swallow	<i>Hirundo rustica</i>	16			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	7			
10010	Common House Martin	<i>Delichon urbica</i>	12			
11660	Blue Rock Thrush	<i>Monticola solitarius</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	2			
12740	Lesser Whitethroat	<i>Sylvia curruca</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
14620	Blue Tit	<i>Parus caeruleus</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15720	Common Raven	<i>Corvus corax</i>	2			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			
18600	Rock Bunting	<i>Emberiza cia</i>	1			

17-5-2010

7:13 - 7:23

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2470	Egyptian Vulture	<i>Neophron percnopterus</i>	1			
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>		1		
2690	Eurasian Sparrowhawk	<i>Accipiter nisus</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
8310	Common Kingfisher	<i>Alcedo atthis</i>	1			
9910	Crag Martin	<i>Ptyonoprogne rupestris</i>	20			
9920	Barn Swallow	<i>Hirundo rustica</i>	6			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	1			
10010	Common House Martin	<i>Delichon urbica</i>	40			
10201	White Wagtail	<i>Motacilla alba alba</i>	1			

Point: 102 Lat: 41.65418 Lon: 25.87085

17-5-2010

7:13 - 7:23

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
11660	Blue Rock Thrush	<i>Monticola solitarius</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	1			
14370	Long-tailed Tit	<i>Aegithalos caudatus</i>	6			
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
15720	Common Raven	<i>Corvus corax</i>	2			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			

Point: 103 Lat: 41.65016 Lon: 25.87664

14-5-2010

10:01- 10:11

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2470	Egyptian Vulture	<i>Neophron percnopterus</i>	1	1		
2880	Long-legged Buzzard	<i>Buteo rufinus</i>	1			
3040	Common Kestrel	<i>Falco tinnunculus</i>	1			
3200	Peregrine Falcon	<i>Falco peregrinus</i>	1			
7980	Alpine Swift	<i>Apus melba</i>	12			
9920	Barn Swallow	<i>Hirundo rustica</i>	2			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	2			
10201	White Wagtail	<i>Motacilla alba alba</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
14620	Blue Tit	<i>Parus caeruleus</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15390	Eurasian Jay	<i>Garrulus glandarius</i>	2			
16490	European Greenfinch	<i>Chloris chloris</i>	1			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			

17-5-2010

7:27 - 7:37

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2470	Egyptian Vulture	<i>Neophron percnopterus</i>	1			
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>	2			
2880	Long-legged Buzzard	<i>Buteo rufinus</i>		1		
3200	Peregrine Falcon	<i>Falco peregrinus</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
12550	Olivaceous Warbler	<i>Hippolais pallida</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	1	1		
14410	Sombre Tit	<i>Parus lugubris</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	2	1		
15390	Eurasian Jay	<i>Garrulus glandarius</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	2	1		
18600	Rock Bunting	<i>Emberiza cia</i>	2			

Point: 104 Lat: 41.65007 Lon: 25.88978

14-5-2010

10:19- 10:29

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2470	Egyptian Vulture	<i>Neophron percnopterus</i>	1			
2560	Short-toed Eagle	<i>Circaetus gallicus</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>	1	1		
8460	Eurasian Hoopoe	<i>Upupa epops</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1	1		
11870	Common Blackbird	<i>Turdus merula</i>	3			
12650	Subalpine Warbler	<i>Sylvia cantillans</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
13110	Northern Chiffchaff	<i>Phylloscopus collybita</i>	1			
14620	Blue Tit	<i>Parus caeruleus</i>	2			
14640	Great Tit	<i>Parus major</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			

17-5-2010

7:52 - 8:02

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1220	Grey Heron	<i>Ardea cinerea</i>			1	
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1	1		
11870	Common Blackbird	<i>Turdus merula</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2	1		
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>	2			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			

Point: 105 Lat: 41.65904 Lon: 25.89021

14-5-2010

10:34- 10:44

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	3			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
14400	Marsh Tit	<i>Parus palustris</i>	1			
14620	Blue Tit	<i>Parus caeruleus</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>	2			

17-5-2010

8:07 - 8:17

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1	1		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
8460	Eurasian Hoopoe	<i>Upupa epops</i>	1			
8830	Middle Spotted Woodpecker	<i>Dendrocopos medius</i>	1			
10990	European Robin	<i>Erithacus rubecula</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	3	1		
11870	Common Blackbird	<i>Turdus merula</i>	4			
12650	Subalpine Warbler	<i>Sylvia cantillans</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
14620	Blue Tit	<i>Parus caeruleus</i>	1			
14640	Great Tit	<i>Parus major</i>	3			
14870	Short-toed Treecreeper	<i>Certhia brachydactyla</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	3			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			

Point: 106 Lat: 41.66313 Lon: 25.89540

14-5-2010

11:00- 11:10

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2560	Short-toed Eagle	<i>Circaetus gallicus</i>		1		
2690	Eurasian Sparrowhawk	<i>Accipiter nisus</i>	1			female
2870	Common Buzzard	<i>Buteo buteo</i>		1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1	1		
10990	European Robin	<i>Erithacus rubecula</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	2			
12650	Subalpine Warbler	<i>Sylvia cantillans</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	1			

17-5-2010

8:24 - 8:34

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
10990	European Robin	<i>Erithacus rubecula</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
11870	Common Blackbird	<i>Turdus merula</i>	2			
12650	Subalpine Warbler	<i>Sylvia cantillans</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	2			
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1	1		
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			

Point: 107 Lat: 41.66600 Lon: 25.91189

14-5-2010

11:18- 11:28

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
720	Great Cormorant	<i>Phalacrocorax carbo</i>		2		
1220	Grey Heron	<i>Ardea cinerea</i>		1		
1340	White Stork	<i>Ciconia ciconia</i>		4		
2920	Lesser Spotted Eagle	<i>Aquila pomarina</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
9760	Eurasian Skylark	<i>Alauda arvensis</i>	2	1		
12580	Olive-tree Warbler	<i>Hippolais olivetorum</i>	3			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>				
15150	Red-backed Shrike	<i>Lanius collurio</i>	3	1		males
15820	Common Starling	<i>Sturnus vulgaris</i>	1			
15980	Eurasian Tree Sparrow	<i>Passer montanus</i>	3			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1	1		
18820	Corn Bunting	<i>Miliaria calandra</i>	4	2		

17-5-2010

9:52 - 10:02

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1340	White Stork	<i>Ciconia ciconia</i>		1		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
7980	Alpine Swift	<i>Apus melba</i>	2			
8400	European Bee-eater	<i>Merops apiaster</i>	5			
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9760	Eurasian Skylark	<i>Alauda arvensis</i>	5			
9920	Barn Swallow	<i>Hirundo rustica</i>	12			
10010	Common House Martin	<i>Delichon urbica</i>	6			
11390	European Stonechat	<i>Saxicola torquata</i>		1		
12530	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>		1		
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	3	3		
15820	Common Starling	<i>Sturnus vulgaris</i>	9			
15910	House Sparrow	<i>Passer domesticus</i>	8			
15980	Eurasian Tree Sparrow	<i>Passer montanus</i>	4			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>			1	
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>		1		

Point: 107 Lat: 41.66600 Lon: 25.91189

17-5-2010

9:52 - 10:02

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
18820	Corn Bunting	<i>Miliaria calandra</i>	3	2		

Point: 108 Lat: 41.66235 Lon: 25.93226

14-5-2010

11:57- 12:07

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2470	Egyptian Vulture	<i>Neophron percnopterus</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1	1		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
9920	Barn Swallow	<i>Hirundo rustica</i>	3			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	3			
10010	Common House Martin	<i>Delichon urbica</i>	6			
10171	Blue-headed Wagtail	<i>Motacilla flava flava</i>	3			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	1			
12550	Olivaceous Warbler	<i>Hippolais pallida</i>		2		
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	2			
20030	Feral Pigeon	<i>Columba livia domestica</i>		2		

17-5-2010

10:10- 10:20

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1340	White Stork	<i>Ciconia ciconia</i>	1	10		
1860	Mallard	<i>Anas platyrhynchos</i>		2		
2870	Common Buzzard	<i>Buteo buteo</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1	1		
8310	Common Kingfisher	<i>Alcedo atthis</i>	2			
9920	Barn Swallow	<i>Hirundo rustica</i>	6			
10010	Common House Martin	<i>Delichon urbica</i>	5			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1	1		
11870	Common Blackbird	<i>Turdus merula</i>	2			
12550	Olivaceous Warbler	<i>Hippolais pallida</i>	2			
14790	Eurasian Nuthatch	<i>Sitta europaea</i>	1			
15150	Red-backed Shrike	<i>Lanius collurio</i>	2			
15820	Common Starling	<i>Sturnus vulgaris</i>	7			
15910	House Sparrow	<i>Passer domesticus</i>	7			
15980	Eurasian Tree Sparrow	<i>Passer montanus</i>	6			
17170	Hawfinch	<i>Coccothraustes coccothraust</i>			1	

Point: 108 Lat: 41.66235 Lon: 25.93226

17-5-2010

10:10- 10:20

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	3			

Point: 109 Lat: 41.66653 Lon: 25.94115

14-5-2010

12:16- 12:28

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
3940	Common Pheasant	<i>Phasianus colchicus</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
8560	European Green Woodpecker	<i>Picus viridis</i>	1			
9760	Eurasian Skylark	<i>Alauda arvensis</i>		1		
9920	Barn Swallow	<i>Hirundo rustica</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
15150	Red-backed Shrike	<i>Lanius collurio</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	3			
18820	Corn Bunting	<i>Miliaria calandra</i>	4			

17-5-2010

10:29- 10:39

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
3700	Common Quail	<i>Coturnix coturnix</i>		1		
3940	Common Pheasant	<i>Phasianus colchicus</i>	1			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
8560	European Green Woodpecker	<i>Picus viridis</i>	1			
9920	Barn Swallow	<i>Hirundo rustica</i>	3			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
11870	Common Blackbird	<i>Turdus merula</i>	2			
12500	Marsh Warbler	<i>Acrocephalus palustris</i>	2			
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	3			
15230	Woodchat Shrike	<i>Lanius senator</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	1			
16530	European Goldfinch	<i>Carduelis carduelis</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	2	1		
18820	Corn Bunting	<i>Miliaria calandra</i>	3	1		

Point: 110 Lat: 41.66951 Lon: 25.94902

14-5-2010

12:34- 12:44

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1340	White Stork	<i>Ciconia ciconia</i>		2		
2470	Egyptian Vulture	<i>Neophron percnopterus</i>	1			
2880	Long-legged Buzzard	<i>Buteo rufinus</i>	1	1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
9920	Barn Swallow	<i>Hirundo rustica</i>	9			
10010	Common House Martin	<i>Delichon urbica</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	3			
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15150	Red-backed Shrike	<i>Lanius collurio</i>	3			
15820	Common Starling	<i>Sturnus vulgaris</i>	7	3		
15910	House Sparrow	<i>Passer domesticus</i>	2			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	4			

17-5-2010

10:46- 10:56

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2870	Common Buzzard	<i>Buteo buteo</i>	2			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	2			
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
8400	European Bee-eater	<i>Merops apiaster</i>	12	18		
8560	European Green Woodpecker	<i>Picus viridis</i>		1		
9920	Barn Swallow	<i>Hirundo rustica</i>	4			
9920	Barn Swallow	<i>Hirundo rustica</i>	6			
10010	Common House Martin	<i>Delichon urbica</i>	10	12		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	3	1		
14640	Great Tit	<i>Parus major</i>	3			
15820	Common Starling	<i>Sturnus vulgaris</i>	12			
15910	House Sparrow	<i>Passer domesticus</i>	8			
18820	Corn Bunting	<i>Miliaria calandra</i>	3			

Point: 111 Lat: 41.65134 Lon: 26.00929

14-5-2010

14:43- 14:53

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
8400	European Bee-eater	<i>Merops apiaster</i>			5	calls
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	2			
10010	Common House Martin	<i>Delichon urbica</i>	1			
12750	Common Whitethroat	<i>Sylvia communis</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
18660	Ortolan Bunting	<i>Emberiza hortulana</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			

17-5-2010

11:48- 11:58

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
8400	European Bee-eater	<i>Merops apiaster</i>			12	
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9720	Crested Lark	<i>Galerida cristata</i>	2			
9740	Wood Lark	<i>Lullula arborea</i>	1			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	2	1		
10010	Common House Martin	<i>Delichon urbica</i>	15			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	1			
13070	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>	2			
13110	Northern Chiffchaff	<i>Phylloscopus collybita</i>	1			
15150	Red-backed Shrike	<i>Lanius collurio</i>	3			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	1			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>	1			
18660	Ortolan Bunting	<i>Emberiza hortulana</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	2			

Point: 112 Lat: 41.63294 Lon: 26.02057

14-5-2010

15:01- 15:11

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2310	European Honey-buzzard	Pernis apivorus	1			
7240	Common Cuckoo	Cuculus canorus	1			
8400	European Bee-eater	Merops apiaster			5	calls
11870	Common Blackbird	Turdus merula	1			
14640	Great Tit	Parus major	1			
15080	Eurasian Golden Oriole	Oriolus oriolus		1		
16360	Common Chaffinch	Fringilla coelebs	2			
18660	Ortolan Bunting	Emberiza hortulana	1			

17-5-2010

12:23- 12:33

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	Streptopelia turtur		1		
7240	Common Cuckoo	Cuculus canorus		1		
9740	Wood Lark	Lullula arborea		1		
11870	Common Blackbird	Turdus merula		2		
13070	Western Bonelli's Warbler	Phylloscopus bonelli	1			
14640	Great Tit	Parus major	3			
16360	Common Chaffinch	Fringilla coelebs	1			
17170	Hawfinch	Coccothraustes coccothraustes	1			
18580	Cirl Bunting	Emberiza cirlus	1			
18660	Ortolan Bunting	Emberiza hortulana	2	1		

Point: 113 Lat: 41.66224 Lon: 25.99936

17-5-2010

11:16- 11:26

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1340	White Stork	<i>Ciconia ciconia</i>		1	1	
1860	Mallard	<i>Anas platyrhynchos</i>			2	one pair
2880	Long-legged Buzzard	<i>Buteo rufinus</i>		1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>	3			
7240	Common Cuckoo	<i>Cuculus canorus</i>	1	1		
8560	European Green Woodpecker	<i>Picus viridis</i>	2			
9740	Wood Lark	<i>Lullula arborea</i>	1			
9920	Barn Swallow	<i>Hirundo rustica</i>	3			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	1			
10010	Common House Martin	<i>Delichon urbica</i>		5		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	3	1		
11870	Common Blackbird	<i>Turdus merula</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1	1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	2			one pair
15820	Common Starling	<i>Sturnus vulgaris</i>	1			
16530	European Goldfinch	<i>Carduelis carduelis</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	3			

Point: 114 Lat: 41.65739 Lon: 26.00533

17-5-2010

11:30- 11:40

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
8400	European Bee-eater	<i>Merops apiaster</i>		-1		
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9720	Crested Lark	<i>Galerida cristata</i>	2			
9740	Wood Lark	<i>Lullula arborea</i>	1			
9760	Eurasian Skylark	<i>Alauda arvensis</i>	2			
9920	Barn Swallow	<i>Hirundo rustica</i>	1			
10010	Common House Martin	<i>Delichon urbica</i>	2			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
14410	Sombre Tit	<i>Parus lugubris</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1	1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	2			
15230	Woodchat Shrike	<i>Lanius senator</i>	2			
15920	Spanish Sparrow	<i>Passer hispaniolensis</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	4			
16490	European Greenfinch	<i>Chloris chloris</i>	4			
16530	European Goldfinch	<i>Carduelis carduelis</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	2	1		

Point: 115 Lat: 41.61666 Lon: 26.03573

17-5-2010

12:43- 12:53

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
8400	European Bee-eater	<i>Merops apiaster</i>	4			
8830	Middle Spotted Woodpecker	<i>Dendrocopos medius</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	2			
13070	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
16530	European Goldfinch	<i>Carduelis carduelis</i>	3			
18660	Ortolan Bunting	<i>Emberiza hortulana</i>	1			

Point: 116 Lat: 41.60164 Lon: 26.05227

17-5-2010

14:07- 14:17

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1	1		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
9920	Barn Swallow	<i>Hirundo rustica</i>	4			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>		1		
11870	Common Blackbird	<i>Turdus merula</i>	4			
12740	Lesser Whitethroat	<i>Sylvia curruca</i>	2			
14640	Great Tit	<i>Parus major</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1	1		
16490	European Greenfinch	<i>Chloris chloris</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			

Point: 117 Lat: 41.59287 Lon: 26.07523

17-5-2010

14:30- 14:40

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2870	Common Buzzard	Buteo buteo	5			
8400	European Bee-eater	Merops apiaster		4		
11040	Common Nightingale	Luscinia megarhynchos	3			
11870	Common Blackbird	Turdus merula	3			
12770	Blackcap	Sylvia atricapilla	1			
14370	Long-tailed Tit	Aegithalos caudatus	5			
14640	Great Tit	Parus major	1			
15080	Eurasian Golden Oriole	Oriolus oriolus		1		
15720	Common Raven	Corvus corax	1			
16360	Common Chaffinch	Fringilla coelebs	3			
17170	Hawfinch	Coccothraustes coccothraust	1			

Point: 118 Lat: 41.59362 Lon: 26.10034

17-5-2010

14:52- 15:02

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
10990	European Robin	<i>Erithacus rubecula</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1	1		
11870	Common Blackbird	<i>Turdus merula</i>	1	2		
12670	Sardinian Warbler	<i>Sylvia melanocephala</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	1	2		

Point: 119 Lat: 41.55741 Lon: 26.10039

17-5-2010

15:22- 15:32

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2880	Long-legged Buzzard	<i>Buteo rufinus</i>		2		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
10010	Common House Martin	<i>Delichon urbica</i>	1			
10990	European Robin	<i>Erithacus rubecula</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	3	1		
12670	Sardinian Warbler	<i>Sylvia melanocephala</i>	1			
12740	Lesser Whitethroat	<i>Sylvia curruca</i>	1			
13110	Northern Chiffchaff	<i>Phylloscopus collybita</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1	1		
16360	Common Chaffinch	<i>Fringilla coelebs</i>	3	1		

Point: 120 Lat: 41.64312 Lon: 25.85865

15-5-2010

8:21 - 8:31

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1	1		
11870	Common Blackbird	<i>Turdus merula</i>	2			
13070	Bonelli's Warbler	<i>Phylloscopus bonelli</i>	1			
14620	Blue Tit	<i>Parus caeruleus</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	2	2		
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
16530	European Goldfinch	<i>Carduelis carduelis</i>	3			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	1			

Point: 121 Lat: 41.64548 Lon: 25.84846

15-5-2010

8:35 - 8:45

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1	1		
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
7980	Alpine Swift	<i>Apus melba</i>		12		
8460	Eurasian Hoopoe	<i>Upupa epops</i>		1		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
12650	Subalpine Warbler	<i>Sylvia cantillans</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
16360	Common Chaffinch	<i>Fringilla coelebs</i>	3			
17170	Hawfinch	<i>Coccothraustes coccothraustes</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			

Point: 122 Lat: 41.65099 Lon: 25.84162

15-5-2010

8:50 - 9:00

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2870	Common Buzzard	Buteo buteo	1			
6870	European Turtle Dove	Streptopelia turtur		1		
7240	Common Cuckoo	Cuculus canorus	1	1		
8760	Great Spotted Woodpecker	Dendrocopos major	1			
10990	European Robin	Erithacus rubecula	1			
11040	Common Nightingale	Luscinia megarhynchos	1			
11870	Common Blackbird	Turdus merula	2			
12020	Mistle Thrush	Turdus viscivorus	2			
13110	Northern Chiffchaff	Phylloscopus collybita	1			
14410	Sombre Tit	Parus lugubris	1			
14620	Blue Tit	Parus caeruleus	1			
14640	Great Tit	Parus major	1			
15080	Eurasian Golden Oriole	Oriolus oriolus	1	1		
15390	Eurasian Jay	Garrulus glandarius	3			

Point: 123 Lat: 41.65457 Lon: 25.83647

15-5-2010

9:04 - 9:14

Weather unsuitable: z

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2310	European Honey-buzzard	Pernis apivorus	1			
2510	Eurasian Griffon Vulture	Gyps fulvus		3		
3040	Common Kestrel	Falco tinnunculus		2		
6700	Common Wood Pigeon	Columba palumbus	2			ex
7240	Common Cuckoo	Cuculus canorus		1		
8460	Eurasian Hoopoe	Upupa epops		1		
9950	Red-rumped Swallow	Hirundo daurica	3			
11870	Common Blackbird	Turdus merula	2			
12020	Mistle Thrush	Turdus viscivorus		1		
12650	Subalpine Warbler	Sylvia cantillans	1			
14410	Sombre Tit	Parus lugubris	3			
14620	Blue Tit	Parus caeruleus	3			
14640	Great Tit	Parus major	2			
14810	Western Rock-Nuthatch	Sitta neumayer		2		pair with nest
16360	Common Chaffinch	Fringilla coelebs	4			
18580	Cirl Bunting	Emberiza cirlus	1			

Point: 124 Lat: 41.65572 Lon: 25.69921

15-5-2010

10:14- 10:24

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>		1		
12000	Song Thrush	<i>Turdus philomelos</i>	1			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
13110	Northern Chiffchaff	<i>Phylloscopus collybita</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
15980	Eurasian Tree Sparrow	<i>Passer montanus</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	3			
16530	European Goldfinch	<i>Carduelis carduelis</i>	2			
17170	Hawfinch	<i>Coccothraustes coccothraust</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	2			

Point: 125 Lat: 41.64801 Lon: 25.69707

15-5-2010

9:04 - 9:14

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
9760	Eurasian Skylark	<i>Alauda arvensis</i>	8	3		
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	1			
10010	Common House Martin	<i>Delichon urbica</i>	9			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	3			

16-5-2010

8:05 - 8:15

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2880	Long-legged Buzzard	<i>Buteo rufinus</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>	1	1		
9760	Eurasian Skylark	<i>Alauda arvensis</i>	4			
9920	Barn Swallow	<i>Hirundo rustica</i>	1			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	1			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2	1		
11870	Common Blackbird	<i>Turdus merula</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1	1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
16490	European Greenfinch	<i>Chloris chloris</i>	1			
16530	European Goldfinch	<i>Carduelis carduelis</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	3	1		
18820	Corn Bunting	<i>Miliaria calandra</i>	6			

Point: 126 Lat: 41.61644 Lon: 25.65535

15-5-2010

10:54- 11:04

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1310	Black Stork	<i>Ciconia nigra</i>			1	
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>			17	
10010	Common House Martin	<i>Delichon urbica</i>	2			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
11870	Common Blackbird	<i>Turdus merula</i>	2			
12550	Olivaceous Warbler	<i>Hippolais pallida</i>	1			
12650	Subalpine Warbler	<i>Sylvia cantillans</i>	1			
14640	Great Tit	<i>Parus major</i>	2			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	3			
15820	Common Starling	<i>Sturnus vulgaris</i>	1			

16-5-2010

8:25 - 8:35

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>		6		
2870	Common Buzzard	<i>Buteo buteo</i>	1			
3940	Common Pheasant	<i>Phasianus colchicus</i>		1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
11870	Common Blackbird	<i>Turdus merula</i>	1			
12650	Subalpine Warbler	<i>Sylvia cantillans</i>	1			
12750	Common Whitethroat	<i>Sylvia communis</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	2			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			

Point: 127 Lat: 41.61271 Lon: 25.64956

15-5-2010

11:13- 11:23

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>			3	
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
10990	European Robin	<i>Erithacus rubecula</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	1			
14410	Sombre Tit	<i>Parus lugubris</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			

16-5-2010

8:40 - 8:50

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1220	Grey Heron	<i>Ardea cinerea</i>		1		
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>	7	1		
7240	Common Cuckoo	<i>Cuculus canorus</i>				
10990	European Robin	<i>Erithacus rubecula</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	1			
14410	Sombre Tit	<i>Parus lugubris</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15673	Hooded Crow	<i>Corvus corone cornix</i>		1		
16360	Common Chaffinch	<i>Fringilla coelebs</i>	2			
16490	European Greenfinch	<i>Chloris chloris</i>	3			

Point: 128 Lat: 41.61787 Lon: 25.64688

15-5-2010

11:30- 11:40

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2670	Northern Goshawk	<i>Accipiter gentilis</i>	1			male
7240	Common Cuckoo	<i>Cuculus canorus</i>	1	1		
11870	Common Blackbird	<i>Turdus merula</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	4			

16-5-2010

8:56 - 9:06

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>	1			
10990	European Robin	<i>Erithacus rubecula</i>	1			
11870	Common Blackbird	<i>Turdus merula</i>	2			
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
13070	Bonelli's Warbler	<i>Phylloscopus bonelli</i>	1			
14370	Long-tailed Tit	<i>Aegithalos caudatus</i>	2			
14620	Blue Tit	<i>Parus caeruleus</i>	1			
14640	Great Tit	<i>Parus major</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	5			

Point: 129 Lat: 41.59843 Lon: 25.67949

15-5-2010

12:26- 12:36

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1220	Grey Heron	<i>Ardea cinerea</i>		1		
7240	Common Cuckoo	<i>Cuculus canorus</i>	1	1		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
14640	Great Tit	<i>Parus major</i>	1			
15673	Hooded Crow	<i>Corvus corone cornix</i>	1			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	3			

16-5-2010

9:21 - 9:31

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		1		
6870	European Turtle Dove	<i>Streptopelia turtur</i>		1		
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
7950	Common Swift	<i>Apus apus</i>	3			
9760	Eurasian Skylark	<i>Alauda arvensis</i>	1			
10010	Common House Martin	<i>Delichon urbica</i>	5			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	2			
12730	Barred Warbler	<i>Sylvia nisoria</i>	1			
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
15820	Common Starling	<i>Sturnus vulgaris</i>	2			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	3			

Point: 130 Lat: 41.59327 Lon: 25.67700

16-5-2010

9:37 - 9:47

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1220	Grey Heron	<i>Ardea cinerea</i>	1	1		
1310	Black Stork	<i>Ciconia nigra</i>		1		
2380	Black Kite	<i>Milvus migrans</i>	1			
3100	Eurasian Hobby	<i>Falco subbuteo</i>	2			
6870	European Turtle Dove	<i>Streptopelia turtur</i>	1			
8410	European Roller	<i>Coracias garrulus</i>	2			
8460	Eurasian Hoopoe	<i>Upupa epops</i>	1			
9810	Sand Martin	<i>Riparia riparia</i>	1			
9920	Barn Swallow	<i>Hirundo rustica</i>	2			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	1			
10010	Common House Martin	<i>Delichon urbica</i>	12			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	3			
11870	Common Blackbird	<i>Turdus merula</i>	1			
12550	Olivaceous Warbler	<i>Hippolais pallida</i>	1			
12750	Common Whitethroat	<i>Sylvia communis</i>	1			
15673	Hooded Crow	<i>Corvus corone cornix</i>	2			
15673	Hooded Crow	<i>Corvus corone cornix</i>	1			
16360	Common Chaffinch	<i>Fringilla coelebs</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	1			

16-5-2010

9:47 - 10:45

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1190	Little Egret	<i>Egretta garzetta</i>		2		
1310	Black Stork	<i>Ciconia nigra</i>	1			
1340	White Stork	<i>Ciconia ciconia</i>	1			
2880	Long-legged Buzzard	<i>Buteo rufinus</i>		1		
3040	Common Kestrel	<i>Falco tinnunculus</i>				
8400	European Bee-eater	<i>Merops apiaster</i>		1		
10010	Common House Martin	<i>Delichon urbica</i>	58			nesten
12770	Blackcap	<i>Sylvia atricapilla</i>	1			
15150	Red-backed Shrike	<i>Lanius collurio</i>		1		
15820	Common Starling	<i>Sturnus vulgaris</i>		3		
16490	European Greenfinch	<i>Chloris chloris</i>	1			

Point: 131 Lat: 41.58519 Lon: 25.67325

16-5-2010

10:50- 11:00

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1340	White Stork	<i>Ciconia ciconia</i>		1		
2470	Egyptian Vulture	<i>Neophron percnopterus</i>		1		
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>		6		
2870	Common Buzzard	<i>Buteo buteo</i>		1		
7240	Common Cuckoo	<i>Cuculus canorus</i>	1	1		
9760	Eurasian Skylark	<i>Alauda arvensis</i>	5			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	2			
10171	Blue-headed Wagtail	<i>Motacilla flava flava</i>	1			
15230	Woodchat Shrike	<i>Lanius senator</i>		1		
15820	Common Starling	<i>Sturnus vulgaris</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1	1		
18820	Corn Bunting	<i>Miliaria calandra</i>	3			

Point: 132 Lat: 41.52162 Lon: 25.61463

16-5-2010

11:47- 11:57

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
1310	Black Stork	<i>Ciconia nigra</i>		2		
2510	Eurasian Griffon Vulture	<i>Gyps fulvus</i>		1		
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
8400	European Bee-eater	<i>Merops apiaster</i>	-1			calls
8460	Eurasian Hoopoe	<i>Upupa epops</i>	1			
8560	European Green Woodpecker	<i>Picus viridis</i>	2			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
12550	Olivaceous Warbler	<i>Hippolais pallida</i>	1			
12750	Common Whitethroat	<i>Sylvia communis</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1	1		
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
15190	Lesser Grey Shrike	<i>Lanius minor</i>	2	1		
15490	Common Magpie	<i>Pica pica</i>	1			
15673	Hooded Crow	<i>Corvus corone cornix</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	1			
18820	Corn Bunting	<i>Miliaria calandra</i>	2			

Point: 133 Lat: 41.52557 Lon: 25.62162

16-5-2010

12:04- 12:14

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
8400	European Bee-eater	<i>Merops apiaster</i>	7			
8560	European Green Woodpecker	<i>Picus viridis</i>		1		
11040	Common Nightingale	<i>Luscinia megarhynchos</i>		1		
12670	Sardinian Warbler	<i>Sylvia melanocephala</i>	1			
12730	Barred Warbler	<i>Sylvia nisoria</i>	3			
15150	Red-backed Shrike	<i>Lanius collurio</i>	1			
15230	Woodchat Shrike	<i>Lanius senator</i>	1			
15673	Hooded Crow	<i>Corvus corone cornix</i>	3			
15820	Common Starling	<i>Sturnus vulgaris</i>	2			
15910	House Sparrow	<i>Passer domesticus</i>	3			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			
18810	Black-headed Bunting	<i>Emberiza melanocephala</i>	2			
18820	Corn Bunting	<i>Miliaria calandra</i>	1			

Point: 134 Lat: 41.53017 Lon: 25.62702

16-5-2010

12:29- 12:39

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
7240	Common Cuckoo	<i>Cuculus canorus</i>	1			
7240	Common Cuckoo	<i>Cuculus canorus</i>		1		
8410	European Roller	<i>Coracias garrulus</i>	1	1		
9920	Barn Swallow	<i>Hirundo rustica</i>	2			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>	1			
12550	Olivaceous Warbler	<i>Hippolais pallida</i>	1			
12750	Common Whitethroat	<i>Sylvia communis</i>	1			
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		1		
15490	Common Magpie	<i>Pica pica</i>		2		
15673	Hooded Crow	<i>Corvus corone cornix</i>		4		
15820	Common Starling	<i>Sturnus vulgaris</i>	3			
15910	House Sparrow	<i>Passer domesticus</i>	1			
18580	Cirl Bunting	<i>Emberiza cirlus</i>	1			

Point: 135 Lat: 41.53578 Lon: 25.63435

16-5-2010

14:49- 14:59

Weather unsuitable: x

Code	English name	Scientific name	<200m	>200m	Flying	Remarks
3040	Common Kestrel	<i>Falco tinnunculus</i>	2			
8310	Common Kingfisher	<i>Alcedo atthis</i>	1			
8400	European Bee-eater	<i>Merops apiaster</i>	-1			calls
9910	Crag Martin	<i>Ptyonoprogne rupestris</i>	2			
9950	Red-rumped Swallow	<i>Hirundo daurica</i>	7			
11040	Common Nightingale	<i>Luscinia megarhynchos</i>		1		
11481	Eastern Black-eared Wheatear	<i>Oenanthe hispanica melanola</i>	1			male
15080	Eurasian Golden Oriole	<i>Oriolus oriolus</i>	1			
15673	Hooded Crow	<i>Corvus corone cornix</i>	2			
16530	European Goldfinch	<i>Carduelis carduelis</i>	1			