

Results of bird trapping and ringing by the Biological Station Rybachy on the Courish Spit in 2014

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This annual report is the 17th in the series of ringing reports published by the Biological Station Rybachy of the Zoological Institute RAS (Bolshakov et al. 1999; 2000; 2002a, b; 2003; 2004; 2005; 2008; 2009a, b, c; 2010; 2011; 2012; 2013; 2014) and consists of two parts. The first part contains a short review of trapping techniques used and the main ringing results (Table 1), retraps and long-distance recoveries (Table 2) during the current year. The second part contains a full list of birds ringed by the Biological Station and recovered outside the Russian part of the Courish Spit based on the data received from the Russian Ringing Centre (A.N. Severtsov Institute for Ecology and Evolution, Moscow). We also present the data on birds ringed outside the Courish Spit and controlled by us in the current year.

At Fringilla field station (55°05' N, 20°44' E) birds are trapped in permanent funnel traps (Payevsky 2000). Two traps were operated at Fringilla in 2014: trap 4 (NE orientation of entrance) from April 1 until September 16, trap 5 (SW orientation of entrance) from April 1 until October 27. In spring, summer, and early autumn, captures in these traps allowed us to control movements of birds along the Courish Spit in both directions.

At Rybachy field site captures were performed in twenty-five 7-m mist-nets set up in two net lines on Cape Rossitten (55°09' N, 20°51' E) on the edge of the village of Rybachy. Trapping, ringing and biometric data collection followed the protocol of European-African Songbird Migration Network (Bairlein et al. 1995). In 2014, the field station was operated from March 27 until June 10 and from June 30 until November 1.

Besides, birds were trapped in smaller numbers in additional temporary mist-nets, at nests, in nest-boxes and in the framework of other research project.

Results of bird ringing in 2014

Overall, 41,799 birds of 103 species were trapped and ringed by the Biological Station Rybachy on the Courish Spit. A total of 22,099 birds of 82 species were trapped and ringed in funnel traps in Fringilla, and 13,467 birds of 75 species were trapped and ringed in mist nets at the field site Rybachy. In 2014, 684 pulli of 13 species and 63 adults of 3 species were ringed at nests. Finally, 4,491 birds of 75 species were trapped and ringed by other methods in the framework of short-term research projects, including trapping by mist-nets near water pools in Fringilla. A more detailed account of ringing results is presented in Table 1.

Apart from the EURING code, scientific and English names of a species, the following information is given: (1) trapping figures at Fringilla field station in funnel traps; (2) trapping figures at Rybachy field station; (3) number of pulli and adults ringed at nests; (4) number of birds trapped by other methods in the framework of various research projects; (5) total ringing figures for 2014. Additionally, the grand ringing totals for 1956–2014 are presented for each species.

Numbers of retraps at the ringing location are presented in first three columns of Table 2. A total of 1,403 individuals of 52 species ringed in 2014 produced 2,167 retraps. In addition, 326 control captures (35 species) were obtained from the birds ringed in previous years.

List of long-distance recoveries reported in 2014

The number of recoveries for each species is presented in Table 2 (columns 4 and 5). The lists include: birds ringed by the station on the Courish Spit and subsequently recovered more than 20 km from the ringing site; controls of birds ringed outside of the Russian part of the Courish Spit. The sequence of species follows EURING (1979).

Long-distance recoveries of birds ringed on the Courish Spit

For each species, EURING code, scientific and English name and number of recoveries (in parenthesis) are presented. For each individual, the upper line contains the ringing information (ring No, ringing date, sex, age [see below], ringing location with coordinates). If a bird was retrapped at the site of ringing, location and date of the last recapture are given in brackets. The sign “–” before the ring number showed that the series letter is lacking.

In the bottom line, recovery information (recovery date; sex; age; place of recovery, including country, province, the nearest location; coordinates, printed in parenthesis if only very roughly estimated); circumstances of recovery (see below); time elapsed between ringing and recovery dates in days; distance in km and direction in degrees. The distance was estimated according to the orthodrome, the great circle route and direction was estimated according to the loxodrome. If a bird was retrapped several times at the ringing location, the latest recapture was used for calculating the time elapsed. If a ring was added, ringing scheme and new ring number are given.

Codes:

SEX – M – male; F – female; I – unknown.

AGE:

0 – age unknown, i.e. not recorded.

1 – pullus: nestling or chick, unable to fly freely, still able to be caught by hand.

2 – full-grown: able to fly freely but age otherwise unknown.

3 – first-year: full-grown bird hatched in the breeding season of this calendar year.

4 – after first year: full-grown bird hatched before this calendar year, year of birth otherwise unknown.

5 – second year: a bird born last calendar year and now in its second calendar year.

6 – after second year: full-grown bird born before last calendar year, year of birth otherwise unknown.

Circumstances of recovery:

x – found dead

(x) – found sick or wounded, later died

xA – found dead long ago, remnants only: skeleton, leg with ring

xE – hit overhead wires or electrocuted

xG – collided with window, glasshouse, etc.

xN – found dead in fish nets

+ – shot

(+) – killed by man

+K – killed by cat

+M – killed by other mammal

+Ac – killed by raptor

+T – victim of traffic

V – controlled: trapped and released with the same ring

() – caught alive and released with another ring or ring removed

C? – caught, further fate unknown

r – ring only found

! – ring read

rAc – ring found in a raptor pellet

/?/ – manner of recovery unknown

& – ring added

(15.03.1999) – finding date is not known exactly, date when recovery letter was sent is given.

In cases when the exact date is not known:

00.03.1998 – exact date (day) of recovery is not known

beg.03.1998 – bird found in the beginning of the month

mid.03.1998 – bird found in the middle of the month

end.03.1998 – bird found in the end of the month

In such cases time elapsed is recorded as 00.

In total, between 15.03.2013 and 15.03.2015, we received information on 70 recoveries of 23 species ringed on the Courish Spit.

Controls of birds ringed outside of the Courish Spit

In 2014 the station controlled a total of 116 birds of 17 species ringed outside of the Russian part of the Courish Spit. The line structure is the same: after the ring number, the ringing scheme is reported.

Participants

The following members of the Biological Station, students, colleagues and amateur bird ringers participated in bird trapping and ringing in 2014 (listed in alphabetical order):

N. Chernetsov, V. Grinkevich, D. Kobylkov, D. Leoke, Y. Loshchagina, M. Markovets, A. Mukhin, M. Parancheva, O. Pokrovskaya, L. Roberts, J. Sanfirova, A. Sinelschikova, A. Shapoval, E. Shapoval, N. Shapoval, L. Sokolov, N. Sosedova, E. Tronikova, A. Tsvey.

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Table 1. Numbers of birds ringed by the Biological Station Rybachy in 2014.

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Ry- bachy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
00030	<i>Gavia arctica</i> Black-throated Loon	–	–	–	–	–	–	1
00090	<i>Podiceps cristatus</i> Great Crested Grebe	–	–	–	–	–	–	1
00720	<i>Phalacrocorax carbo</i> Great Cormorant	–	–	–	–	–	–	5
00950	<i>Botaurus stellaris</i> Bittern	–	–	–	–	–	–	2
00980	<i>Ixobrychus minutus</i> Little Bittern	–	–	–	–	–	–	1
01220	<i>Ardea cinerea</i> Grey Heron	–	–	–	–	–	–	375
01340	<i>Ciconia ciconia</i> White Stork	–	–	–	–	–	–	364
01840	<i>Anas crecca</i> Teal	–	–	–	–	–	–	3
01860	<i>Anas platyrhynchos</i> Mallard	–	–	–	–	–	–	5
01910	<i>Anas querquedula</i> Garganey	–	–	–	–	–	–	6
02150	<i>Melanitta fusca</i> Velvet Scoter	–	–	–	–	–	–	1
02310	<i>Pernis apivorus</i> Honey Buzzard	–	–	–	–	–	–	17
02380	<i>Milvus migrans</i> Black Kite	–	–	–	–	–	–	1
02600	<i>Circus aeruginosus</i> Marsh Harrier	–	–	–	–	–	–	4
02610	<i>Circus cyaneus</i> Hen Harrier	–	–	–	–	–	–	69
02620	<i>Circus macrourus</i> Pallid Harrier	–	–	–	–	–	–	1
02630	<i>Circus pygargus</i> Montagu's Harrier	–	–	–	–	–	–	5
02670	<i>Accipiter gentilis</i> Goshawk	1	–	–	–	–	1	49
02690	<i>Accipiter nisus</i> Sparrowhawk	39	3	–	–	2	44	7,494
02870	<i>Buteo buteo</i> Common Buzzard	–	–	–	–	–	–	23

Table 1. *Continued*

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Ry- bachy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
02900	<i>Buteo lagopus</i> Rough-legged Buzzard	–	–	–	–	–	–	2
03040	<i>Falco tinnunculus</i> Kestrel	–	–	–	–	1	1	18
03070	<i>Falco vespertinus</i> Red-footed Falcon	–	–	–	–	–	–	4
03090	<i>Falco columbarius</i> Merlin	–	–	–	–	–	–	36
03100	<i>Falco subbuteo</i> Hobby	1	–	–	–	–	1	15
03200	<i>Falco peregrinus</i> Peregrine Falcon	–	–	–	–	–	–	1
03700	<i>Coturnix coturnix</i> Quail	–	–	–	–	–	–	2
04070	<i>Rallus aquaticus</i> Water Rail	–	–	–	–	–	–	21
04080	<i>Porzana porzana</i> Spotted Crane	–	–	–	–	–	–	9
04210	<i>Crex crex</i> Corncrake	1	–	–	–	–	1	16
04240	<i>Gallinula chloropus</i> Moorhen	–	–	–	–	–	–	5
04290	<i>Fulica atra</i> Coot	–	–	–	–	–	–	3
04690	<i>Charadrius dubius</i> Little Ringed Plover	–	–	–	–	–	–	2
04700	<i>Charadrius hiaticula</i> Ringed Plover	–	–	–	–	–	–	3
04930	<i>Vanellus vanellus</i> Lapwing	–	–	–	–	–	–	23
04960	<i>Calidris canutus</i> Knot	–	–	–	–	–	–	3
04970	<i>Calidris alba</i> Sanderling	–	–	–	–	–	–	6
05010	<i>Calidris minuta</i> Little Stint	–	–	–	–	–	–	1
05120	<i>Calidris alpina</i> Dunlin	–	–	–	–	–	–	7
05170	<i>Philomachus pugnax</i> Ruff	–	–	–	–	–	–	7

Table 1. *Continued*

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Ry- bachy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
05180	<i>Lymnocyptes minima</i> Jack Snipe	1	–	–	–	–	1	18
05190	<i>Gallinago gallinago</i> Snipe	–	–	–	–	–	–	32
05290	<i>Scolopax rusticola</i> Woodcock	1	–	–	–	–	1	219
05410	<i>Numenius arquata</i> Curlew	–	–	–	–	–	–	1
05530	<i>Tringa ochropus</i> Green Sandpiper	–	–	–	–	–	–	21
05540	<i>Tringa glareola</i> Wood Sandpiper	–	–	–	–	–	–	18
05560	<i>Actitis hypoleucos</i> Common Sandpiper	–	–	–	–	3	3	45
05610	<i>Arenaria interpres</i> Turnstone	–	–	–	–	–	–	1
05820	<i>Larus ridibundus</i> Black-headed Gull	–	1	–	–	–	1	42
05900	<i>Larus canus</i> Common Gull	–	–	–	–	–	–	2
05910	<i>Larus fuscus</i> Lesser Black-backed Gull	–	–	–	–	–	–	3
06000	<i>Larus marinus</i> Great Black-backed Gull	–	–	–	–	–	–	1
061150	<i>Sterna hirundo</i> Common Tern	–	–	–	–	–	–	1
06340	<i>Uria aalge</i> Guillemot	–	–	–	–	–	–	1
06650	<i>Columba livia</i> Rock Dove	–	–	–	–	–	–	15
06680	<i>Columba oenas</i> Stock Dove	–	–	–	–	–	–	17
06700	<i>Columba palumbus</i> Wood Pigeon	–	–	–	–	–	–	67
06840	<i>Streptopelia decaocto</i> Collared Dove	–	–	–	–	–	–	34
06870	<i>Streptopelia turtur</i> Turtle Dove	–	–	–	–	–	–	124
07240	<i>Cuculus canorus</i> Cuckoo	21	2	–	–	1	24	1,572

Table 1. *Continued*

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Ry- bachy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
07350	<i>Tyto alba</i> Barn Owl	–	–	–	–	–	–	7
07500	<i>Surnia ulula</i> Hawk Owl	–	–	–	–	–	–	5
07570	<i>Athene noctua</i> Little Owl	–	–	–	–	–	–	1
07610	<i>Strix aluco</i> Tawny Owl	–	–	–	–	–	–	61
07670	<i>Asio otus</i> Long-eared Owl	11	–	–	–	–	11	3,390
07680	<i>Asio flammeus</i> Short-eared Owl	–	–	–	–	–	–	57
07700	<i>Aegolius funereus</i> Tengmalm's Owl	1	3	–	–	–	4	345
07780	<i>Caprimulgus europaeus</i> Nightjar	1	–	–	–	2	3	428
07950	<i>Apus apus</i> Swift	1	–	–	–	–	1	668
08310	<i>Alcedo atthis</i> Kingfisher	–	3	–	–	4	7	228
08410	<i>Coracias garrulus</i> Roller	–	–	–	–	–	–	3
08460	<i>Upupa epops</i> Hoopoe	–	–	–	–	–	–	170
08480	<i>Jynx torquilla</i> Wryneck	–	1	–	–	1	2	1,200
08550	<i>Picus canus</i> Grey-headed Woodpecker	–	1	–	–	–	1	8
08560	<i>Picus viridis</i> Green Woodpecker	–	–	–	–	–	–	2
08630	<i>Dryocopus martius</i> Black Woodpecker	3	–	–	–	–	3	18
08760	<i>Dendrocopos major</i> Great Spotted Woodpecker	4	6	–	–	4	14	3,594
08830	<i>Dendrocopos medius</i> Middle Spotted Woodpecker	1	3	–	–	–	4	74
08840	<i>Dendrocopos leucotos</i> White-backed Woodpecker	–	–	–	–	–	–	4
08870	<i>Dendrocopos minor</i> Lesser Spotted Woodpecker	7	4	–	–	10	21	516

Table 1. *Continued*

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Rybachy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
09740	<i>Lullula arborea</i> Woodlark	–	–	–	–	–	–	4,777
09760	<i>Alauda arvensis</i> Skylark	–	–	–	–	–	–	488
09780	<i>Eremophilla alpestris</i> Shore Lark	–	–	–	–	–	–	5
09810	<i>Riparia riparia</i> Sand Martin	11	–	–	–	–	11	5,143
09920	<i>Hirundo rustica</i> Barn Swallow	143	13	60	1	48	265	12,534
10010	<i>Delichon urbica</i> House Martin	55	–	–	–	2	57	8,760
10020	<i>Anthus richardi</i> Richard's Pipit	–	–	–	–	–	–	3
10050	<i>Anthus campestris</i> Tawny Pipit	–	–	–	–	4	4	146
10090	<i>Anthus trivialis</i> Tree Pipit	4	4	–	–	38	46	6,186
10110	<i>Anthus pratensis</i> Meadow Pipit	2	–	–	–	–	2	11,053
10140	<i>Anthus spinoletta</i> Water Pipit	–	–	–	–	–	–	3
10142	<i>Anthus petrosus</i> Rock Pipit	–	–	–	–	–	–	1
10170	<i>Motacilla flava</i> Yellow Wagtail	3	9	–	–	24	36	2,963
10180	<i>Motacilla citreola</i> Citrine Wagtail	–	–	–	–	–	–	1
10190	<i>Motacilla cinerea</i> Grey Wagtail	–	–	–	–	–	–	13
10200	<i>Motacilla alba</i> White Wagtail	219	16	16	–	42	293	13,328
10480	<i>Bombycilla garrulus</i> Waxwing	–	–	–	–	–	–	1,343
10500	<i>Cinclus cinclus</i> Dipper	–	–	–	–	–	–	1
10660	<i>Troglodytes troglodytes</i> Wren	160	329	–	–	13	502	14,181
10840	<i>Prunella modularis</i> Dunnock	8	66	–	–	2	76	6,793

Table 1. *Continued*

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Ry- bachy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
10990	<i>Erithacus rubecula</i> European Robin	1,322	2,537	–	–	356	4,215	196,715
11030	<i>Luscinia luscinia</i> Thrush Nightingale	2	75	–	–	7	84	2,721
11060	<i>Luscinia svecica</i> Bluethroat	–	2	–	–	1	3	230
11130	<i>Tarsiger cyanurus</i> Red-flanked Bluetail	–	–	–	–	–	–	3
11210	<i>Phoenicurus ochruros</i> Black Redstart	19	–	–	–	5	24	1,642
11220	<i>Phoenicurus phoenicurus</i> Common Redstart	35	85	–	–	61	181	14,285
11370	<i>Saxicola rubetra</i> Whinchat	15	14	–	–	10	39	3,376
11390	<i>Saxicola torquata</i> Stonechat	–	–	–	–	–	–	3
11460	<i>Oenanthe oenanthe</i> Northern Wheatear	2	–	–	–	1	3	864
11860	<i>Turdus torquatus</i> Ring Ouzel	–	–	–	–	–	–	14
11870	<i>Turdus merula</i> Blackbird	91	156	–	–	35	282	15,445
11980	<i>Turdus pilaris</i> Fieldfare	2	2	–	–	–	4	2,555
12000	<i>Turdus philomelos</i> Song Thrush	49	133	–	–	12	194	29,765
12010	<i>Turdus iliacus</i> Redwing	14	14	–	–	–	28	6,311
12020	<i>Turdus viscivorus</i> Mistle Thrush	–	–	–	–	2	2	317
12360	<i>Locustella naevia</i> Grasshopper Warbler	4	3	–	–	5	12	785
12370	<i>Locustella fluviatilis</i> River Warbler	1	8	–	–	1	10	181
12380	<i>Locustella luscinioides</i> Savi's Warbler	1	1	–	–	1	3	91
12430	<i>Acrocephalus schoenobaenus</i> Sedge Warbler	1	239	–	–	22	262	11,238
12470	<i>Acrocephalus agricola</i> Paddyfield Warbler	–	–	–	–	–	–	8

Table 1. *Continued*

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Rybachy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
12480	<i>Acrocephalus dumetorum</i> Blyth's Reed Warbler	1	25	–	–	8	34	155
12500	<i>Acrocephalus palustris</i> Marsh Warbler	1	302	–	–	40	343	7,109
12510	<i>Acrocephalus scirpaceus</i> Eurasian Reed Warbler	5	561	–	–	61	627	22,818
12530	<i>Acrocephalus arundinaceus</i> Great Reed Warbler	–	63	16	4	17	100	3,517
12560	<i>Iduna caligata</i> Booted Warbler	–	–	–	–	–	–	7
12590	<i>Hippolais icterina</i> Icterine Warbler	48	90	–	–	102	240	12,363
12650	<i>Sylvia cantillans</i> Subalpine Warbler	–	–	–	–	–	–	4
12670	<i>Sylvia melanocephala</i> Sardinian Warbler	–	–	–	–	–	–	1
12730	<i>Sylvia nisoria</i> Barred Warbler	4	2	–	–	7	13	4,006
12740	<i>Sylvia curruca</i> Lesser Whitethroat	56	159	4	–	58	277	20,150
12750	<i>Sylvia communis</i> Whitethroat	65	199	–	–	47	311	14,356
12760	<i>Sylvia borin</i> Garden Warbler	20	340	–	–	120	480	25,052
12770	<i>Sylvia atricapilla</i> Blackcap	31	770	5	–	209	1,015	29,586
12930	<i>Phylloscopus trochiloides</i> Greenish Warbler	3	5	–	–	–	8	128
12980	<i>Phylloscopus proregulus</i> Pallas's Leaf Warbler	–	–	–	–	–	–	29
13000	<i>Phylloscopus inornatus</i> Yellow-browed Warbler	5	1	–	–	–	6	131
13010	<i>Phylloscopus schwarzi</i> Radde's Warbler	–	–	–	–	–	–	3
13030	<i>Phylloscopus fuscatus</i> Dusky Warbler	–	–	–	–	–	–	2
13070	<i>Phylloscopus bonelli</i> Bonelli's Warbler	–	–	–	–	–	–	1
13080	<i>Phylloscopus sibilatrix</i> Wood Warbler	80	225	–	–	150	455	17,568

Table 1. *Continued*

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Ry- bachy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
13110	<i>Phylloscopus collybita</i> Chiffchaff	108	258	–	–	19	385	13,123
13120	<i>Phylloscopus trochilus</i> Willow Warbler	787	389	–	–	430	1,606	161,246
13140	<i>Regulus regulus</i> Goldcrest	3,682	2,253	–	–	141	6,076	396,748
13150	<i>Regulus ignicapillus</i> Firecrest	2	7	–	–	–	9	106
13350	<i>Muscicapa striata</i> Spotted Flycatcher	25	59	9	–	36	129	10,932
13430	<i>Ficedula parva</i> Red-breasted Flycatcher	3	13	–	–	3	19	1,283
13480	<i>Ficedula albicollis</i> Collared Flycatcher	–	1	–	–	–	1	29
13490	<i>Ficedula hypoleuca</i> Pied Flycatcher	39	142	189	35	99	504	30,854
13640	<i>Pamurus biarmicus</i> Bearded Reedling	–	11	–	–	–	11	511
14370	<i>Aegithalos caudatus</i> Long-tailed Tit	2,819	894	–	–	–	3,713	65,244
14400	<i>Parus palustris</i> Marsh Tit	7	26	9	–	27	69	2,449
14420	<i>Parus montanus</i> Willow Tit	6	–	–	–	13	19	2,365
14540	<i>Parus cristatus</i> Crested Tit	10	–	–	–	12	22	820
14610	<i>Parus ater</i> Coal Tit	138	9	56	3	17	223	58,397
14620	<i>Parus caeruleus</i> Blue Tit	953	471	60	5	79	1,568	98,653
14640	<i>Parus major</i> Great Tit	8,335	1,414	239	15	86	10,089	267,906
14790	<i>Sitta europaea</i> Nuthatch	–	10	7	–	6	23	417
14860	<i>Certhia familiaris</i> Treetreeper	61	247	–	–	16	324	9,327
14870	<i>Certhia brachydactyla</i> Short-toed Treetreeper	–	–	–	–	–	–	18
14900	<i>Remiz pendulinus</i> Penduline Tit	1	29	–	–	31	61	1,478

Table 1. *Continued*

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Rybacy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
15080	<i>Oriolus oriolus</i> Golden Oriole	–	–	–	–	4	4	295
15150	<i>Lanius collurio</i> Red-backed Shrike	23	25	–	–	45	93	3,640
15200	<i>Lanius excubitor</i> Great Gray Shrike	–	–	–	–	–	–	115
15390	<i>Garrulus glandarius</i> Jay	25	4	–	–	5	34	6,487
15490	<i>Pica pica</i> Magpie	–	1	–	–	–	1	88
15570	<i>Nucifraga caryocatactes</i> Nutcracker	–	–	–	–	–	–	472
15600	<i>Coloeus monedula</i> Jackdaw	–	–	–	–	1	1	81
15630	<i>Corvus frugilegus</i> Rook	–	–	–	–	–	–	60
15672	<i>Corvus cornix</i> Hooded Crow	–	–	–	–	1	1	74
15720	<i>Corvus corax</i> Raven	–	–	–	–	–	–	4
15820	<i>Sturnus vulgaris</i> Starling	350	150	–	–	94	594	109,026
15910	<i>Passer domesticus</i> House Sparrow	–	1	–	–	61	62	1,166
15980	<i>Passer montanus</i> Tree Sparrow	–	10	–	–	3	13	366
16360	<i>Fringilla coelebs</i> Chaffinch	1,826	348	14	–	328	2,516	770,197
16380	<i>Fringilla montifringilla</i> Brambling	235	15	–	–	26	276	75,039
16400	<i>Serinus serinus</i> Serin	1	–	–	–	–	1	472
16490	<i>Carduelis chloris</i> Greenfinch	7	12	–	–	52	71	7,983
16530	<i>Carduelis carduelis</i> Goldfinch	2	6	–	–	–	8	3,138
16540	<i>Carduelis spinus</i> Siskin	1,041	78	–	–	1,085	2,204	231,562
16600	<i>Carduelis cannabina</i> Linnet	3	–	–	–	–	3	1,653

Table 1. *Continued*

EURING code	Species	Funnel traps (Fringilla)	Mist- nets (Ryb- bachy)	Nests		Other research projects and methods	Total ringed in 2014	Grand total 1956– 2014
				Nest- lings	Adults			
16620	<i>Carduelis flavirostris</i> Twite	–	–	–	–	–	–	32
16630	<i>Carduelis flammea</i> Redpoll	2	3	–	–	13	18	13,932
16640	<i>Carduelis hornemanni</i> Arctic Redpoll	–	–	–	–	–	–	18
16650	<i>Loxia leucoptera</i> Two-barred Crossbill	–	–	–	–	1	1	24
16660	<i>Loxia curvirostra</i> Common Crossbill	6	–	–	–	180	186	17,516
16680	<i>Loxia pytyopsittacus</i> Parrot Crossbill	–	–	–	–	–	–	19
16790	<i>Carpodacus erythrinus</i> Scarlet Rosefinch	4	44	–	–	20	68	7,325
16990	<i>Pinicola enucleator</i> Pine Grosbeak	–	–	–	–	–	–	1
17100	<i>Pyrrhula pyrrhula</i> Bullfinch	9	19	–	–	–	28	14,643
17170	<i>Coccothraustes coccothraustes</i> Hawfinch	2	5	–	–	7	14	1,860
18470	<i>Calcarius lapponicus</i> Lapland Bunting	–	–	–	–	–	–	3
18500	<i>Plectrophenax nivalis</i> Snow Bunting	–	–	–	–	–	–	1
18570	<i>Emberiza citrinella</i> Yellowhammer	6	–	–	–	11	17	4,832
18660	<i>Emberiza hortulana</i> Ortolan Bunting	–	–	–	–	–	–	517
18730	<i>Emberiza rustica</i> Rustic Bunting	–	–	–	–	–	–	11
18740	<i>Emberiza pusilla</i> Little Bunting	–	–	–	–	–	–	11
18770	<i>Emberiza schoeniclus</i> Reed Bunting	–	38	–	–	–	38	2, 838
18810	<i>Emberiza melanocephala</i> Black-headed Bunting	–	–	–	–	–	–	1
18820	<i>Miliaria calandra</i> Corn Bunting	–	–	–	–	–	–	8
Total birds		23,094	13, 467	684	63	4,491	41,799	2,950,297
Total species		82	75	13	6	75	103	199

Table 2. Retraps, controls, and recoveries.

EURING code	Species	Retraps of birds ringed in 2014		Controls of birds ringed earlier than 2014	Recoveries of our birds outside of the Courish Spit	Recoveries of birds ringed outside of the Courish Spit
		individuals	retraps			
02690	<i>Accipiter nisus</i> Sparrowhawk	–	–	–	1	1
07670	<i>Asio otus</i> Long-eared Owl	–	–	–	2	–
08310	<i>Alcedo atthis</i> Kingfisher	1	1	–	–	–
08760	<i>Dendrocopos major</i> Great Spotted Woodpecker	2	4	1	–	–
08870	<i>Dendrocopos minor</i> Lesser Spotted Woodpecker	1	1	–	–	–
09920	<i>Hirundo rustica</i> Barn Swallow	9	11	5	1	1
10050	<i>Anthus campestris</i> Tawny Pipit	–	–	1	–	–
10200	<i>Motacilla alba</i> White Wagtail	27	37	11	–	–
10660	<i>Troglodytes troglodytes</i> Wren	20	26	–	–	–
10840	<i>Prunella modularis</i> Dunnock	6	6	–	–	–
10990	<i>Erithacus rubecula</i> European Robin	153	200	–	6	–
11030	<i>Luscinia luscinia</i> Thrush Nightingale	25	52	8	1	–
11210	<i>Phoenicurus ochruros</i> Black Redstart	1	1	–	–	–
11220	<i>Phoenicurus phoenicurus</i> Redstart	11	15	2	–	–
11870	<i>Turdus merula</i> Blackbird	28	36	7	2	1
12000	<i>Turdus philomelos</i> Song Thrush	7	7	3	–	–
12430	<i>Acrocephalus schoenobaenus</i> Sedge Warbler	18	23	1	–	–
12480	<i>Acrocephalus dumetorum</i> Blyth's Reed Warbler	2	2	–	–	–
12500	<i>Acrocephalus palustris</i> Marsh Warbler	38	45	2	–	–
12510	<i>Acrocephalus scirpaceus</i> Eurasian Reed Warbler	99	167	26	3	4

Table 2. *Continued*

EURING code	Species	Retraps of birds ringed in 2014		Controls of birds ringed earlier than 2014	Recoveries of our birds outside of the Courish Spit	Recoveries of birds ringed outside of the Courish Spit
		individuals	retraps			
12530	<i>Acrocephalus arundinaceus</i> Great Reed Warbler	16	27	11	2	1
12590	<i>Hippolais icterina</i> Icterine Warbler	14	20	17	–	–
12730	<i>Sylvia nisoria</i> Barred Warbler	1	1	–	–	1
12740	<i>Sylvia curruca</i> Lesser Whitethroat	23	34	10	–	–
12750	<i>Sylvia communis</i> Whitethroat	28	43	–	–	–
12760	<i>Sylvia borin</i> Garden Warbler	29	46	9	–	–
12770	<i>Sylvia atricapilla</i> Blackcap	129	170	10	–	1
13110	<i>Phylloscopus collybita</i> Chiffchaff	20	23	1	–	1
13120	<i>Phylloscopus trochilus</i> Willow Warbler	136	262	43	1	–
13140	<i>Regulus regulus</i> Goldcrest	65	79	–	4	3
13350	<i>Muscicapa striata</i> Spotted Flycatcher	7	12	–	–	–
13430	<i>Ficedula parva</i> Red-breasted Flycatcher	1	1	–	–	–
13490	<i>Ficedula hypoleuca</i> Pied Flycatcher	8	9	1	1	–
14370	<i>Aegithalos caudatus</i> Long-tailed Tit	75	94	–	1	69
14400	<i>Parus palustris</i> Marsh Tit	17	36	2	1	–
14420	<i>Parus montanus</i> Willow Tit	3	5	1	–	–
14540	<i>Parus cristatus</i> Crested Tit	5	9	–	–	–
14610	<i>Parus ater</i> Coal Tit	1	1	2	1	–
14620	<i>Parus caeruleus</i> Blue Tit	120	209	9	5	5
14640	<i>Parus major</i> Great Tit	165	275	8	25	19

Table 2. *Continued*

EURING code	Species	Retraps of birds ringed in 2014		Controls of birds ringed earlier than 2014	Recoveries of our birds outside of the Courish Spit	Recoveries of birds ringed outside of the Courish Spit
		individuals	retraps			
14790	<i>Sitta europaea</i> Nuthatch	6	14	1	–	–
14860	<i>Certhia familiaris</i> Treecreeper	18	26	–	–	–
14900	<i>Remiz pendulinus</i> Penduline Tit	2	2	–	1	–
15080	<i>Oriolus oriolus</i> Golden Oriole	1	1	–	–	–
15150	<i>Lanius collurio</i> Red-backed Shrike	2	4	–	–	–
15390	<i>Garrulus glandarius</i> Jay	–	–	2	–	–
15820	<i>Sturnus vulgaris</i> Starling	6	6	3	1	3
15910	<i>Passer domesticus</i> House Sparrow	1	1	1	1	–
16360	<i>Fringilla coelebs</i> Chaffinch	39	100	110	6	1
16380	<i>Fringilla montifringilla</i> Brambling	–	–	1	–	–
16490	<i>Carduelis chloris</i> Greenfinch	1	1	4	1	1
16530	<i>Carduelis carduelis</i> Goldfinch	–	–	1	–	–
16540	<i>Carduelis spinus</i> Siskin	6	7	4	2	2
16660	<i>Loxia curvirostra</i> Common Crossbill	3	4	–	1	–
16790	<i>Carpodacus erythrinus</i> Scarlet Rosefinch	3	5	7	–	2
17100	<i>Pyrrhula pyrrhula</i> Bullfinch	1	1	–	–	–
18570	<i>Emberiza citrinella</i> Yellowhammer	1	3	1	–	–
18770	<i>Emberiza schoeniclus</i> Reed Bunting	2	2	–	–	–
Total birds		1,403	2,167	326	70	116
Total species		52	52	35	23	17

Long-distance recoveries of birds ringed on the Courish Spit

02690. <i>Accipiter nisus</i>, Sparrowhawk (1)									
PB 138399	02.04.2010	M	6	Russia, Fringilla				55.05N, 20.44E	
	25.10.2014	M	6	Finland, Uusimaa, Kirkkonummi, Rönnskär				59.56N, 24.23E	V 1667 days, 581 km, 22°
07670. <i>Asio otus</i>, Long-eared Owl (2)									
C 292565	25.09.1991	I	2	Russia, Fringilla				55.05N, 20.44E	
	28.01.2015			Russia, Kaliningrad reg., Kievskoe				54.56N, 20.38E	r 00 days, 18 km, 201°
C 503240	28.10.2002	F	3	Russia, Fringilla				55.05N, 20.44E	
	06.05.2014			Russia, Ryazan' oblast', Ryazan				54.37N, 39.44E	+ 4208 days, 1216 km, 92°
09920. <i>Hirundo rustica</i>, Barn Swallow (1)									
VN 77468	09.07.2014	I	1	Russia, Fringilla				55.05N, 20.44E	
	10.08.2014	I	3	Lithuania, Šilute, Vėntes Ragas				55.21N, 21.13E	V 32 days, 43 km, 46°
10990. <i>Erithacus rubecula</i>, European Robin (6)									
XR 02840	31.10.2013	I	3	Russia, Rybachy				55.09N, 20.51E	
	03.04.2014	I	5	Norway, Rogaland, Utsira, Sore Merkeskog				59.19N, 4.52E	V 154 days, 1067 km, 296°
XR 03467	08.04.2014	I	5	Russia, Rybachy				55.09N, 20.51E	
	14.10.2014	I	4	Finland, Kristiinankaupunki, Domarkobban				62.02N, 21.16E	V 189 days, 765 km, 2°
XR 03908	22.04.2014	I	5	Russia, Rybachy				55.09N, 20.51E	
	14.08.2014	I	2	Finland, Uusimaa, Kirkkonummi				60.07N, 24.22E	xG 114 days, 590 km, 21°
XR09323	07.04.2014	I	5	Russia, Fringilla				55.05N, 20.44E	
	09.06.2014	I	2	Estonia, Tartu, Laguja				58.09N, 26.29E	xG 63 days, 490 km, 46°
XZ11932	01.05.2013	I	5	Russia, Fringilla				55.05N, 20.44E	
	03.04.2014	I	6	Germany, Mecklenburg-Vorpommern, Greifswalder Oie				54.15N, 13.55E	V 337 days, 448 km, 258°
XZ 19948	05.09.2013	I	3	Russia, Rybachy				55.09N, 20.51E	
	09.08.2014	I	2	Finland, Kuopio, Luulampi, Misola				62.00N, 30.07E	x 338 days, 931 km, 35°
11030. <i>Luscinia luscinia</i>, Thrush Nightingale (1)									
XR 45425	08.05.2014	I	5	Russia, Rybachy				55.09N, 20.51E	
	09.06.2014	M	5	Lithuania, Šilute, Vėntes Ragas				55.21N, 21.12E	V 32 days, 31 km, 45°

11870. <i>Turdus merula</i>, Blackbird (2)									
PB 148377	28.09.2013	F	3	Russia, Rybachy	55.09N, 20.51E				
	03.12.2014	I	2	France, Gironde, Saint-Girons-d'Aiguevives	45.08N, 0.33W	+	431 days, 1887 km, 234°		
TA 82178	15.07.2013	I	3	Russia, Rybachy	55.09N, 20.51E				
	25.10.2014	I	2	France, Alpes-Maritimes, Roquebrune-Cap-Martin	43.46N, 7.28E	+	467 days, 1592 km, 217°		
12510. <i>Acrocephalus scirpaceus</i>, Eurasian Reed Warbler (3)									
XH 07371	08.08.2010	I	4	Russia, Rybachy	55.09N, 20.51E				
	06.09.2013	I	4	Belgium, Antwerpen, Sint Amands	51.03N, 4.13E	V	1125 days, 1199 km, 248°		
XH 29780	20.05.2011	I	4	Russia, Rybachy	55.09N, 20.51E				
	24.08.2011	I	4	Spain, Alava, Salburua-Betono	42.51N, 2.40W	V	96 days, 2192 km, 231°		
XR 48074	25.08.2014	I	3	Russia, Rybachy	55.09N, 20.51E				
	03.09.2014	I	3	Netherlands, Noord-Holland, Castricum	52.32N, 4.37E	V	9 days, 1103 km, 255°		
12530. <i>Acrocephalus arundinaceus</i>, Great Reed Warbler (2)									
FS 27055	04.07.2014	M	4	Russia, Rybachy	55.09N, 20.51E				
	31.08.2014	M	6	Croatia, Pakostane, Vransko lake	43.53N, 15.33E	V	58 days, 1309 km, 197°		
KS 11957	22.07.2012	I	3	Russia, Rybachy	55.09N, 20.51E				
	30.06.2013	I	5	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	343 days, 32 km, 46°		
13120. <i>Phylloscopus trochilus</i>, Willow Warbler (1)									
VN 17738	03.09.2011	M	3	Russia, Fringilla	55.05N, 20.44E				
	10.05.2014	M	6	Norway, Akershus, Skogholt	59.32N, 11.04E	V	980 days, 762 km, 310°		
13140. <i>Regulus regulus</i>, Goldcrest (4)									
VF 24424	11.10.2014	F	3	Russia, Fringilla	55.05N, 20.44E				
	16.10.2014	F	3	Denmark, Bornholm, Christiansø, Gudhjem	55.19N, 15.11E	V	5 days, 353 km, 274°		
VN 74653	24.10.2012	M	3	Russia, Fringilla	55.05N, 20.44E				
	26.10.2013	M	5	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	367 days, 43 km, 46°		
VN 79456	24.09.2013	M	3	Russia, Rybachy	55.09N, 20.51E				
	17.10.2014	M	3	Germany, Mecklenburg-Vorpommern, Greifswalder Oie	54.15N, 13.55E	V	388 days, 456 km, 257°		
VN 80521	24.09.2014	M	3	Russia, Rybachy	55.09N, 20.51E				
	04.10.2014	M	3	Czech Republic, Jeseník, Cervenoohorske sedlo	50.08N, 17.09E	V	10 days, 611 km, 204°		

13490. <i>Ficedula hypoleuca</i>, Pied Flycatcher (1)									
VN 78848	10.05.2014	F	5	Russia, Fringilla			55.05N, 20.44E		
	19.05.2014	F	5	Denmark, Bornholm, Bornholm			55.08N, 15.05E	V	9 days, 359 km, 271°
14370. <i>Aegithalos caudatus</i>, Long-tailed Tit (1)									
VF 24826	13.10.2014	I	2	Russia, Fringilla			55.05N, 20.44E		
	16.10.2014	I	2	Lithuania, Neringa, Juodkrante			55.31N, 21.07E	V	3 days, 54 km, 27°
14400. <i>Parus palustris</i>, Marsh Tit (1)									
XR 48813	12.09.2014	I	3	Russia, Rybachy			55.09N, 20.51E		
	23.09.2014	I	3	Lithuania, Neringa, Juodkrante			55.31N, 21.07E	V	11 days, 44 km, 22°
14610. <i>Parus ater</i>, Coal Tit (1)									
XZ 14872	18.09.2013	F	3	Russia, Fringilla			55.05N, 20.44E		
	29.10.2013	I	3	Belgium, Brabant, Zichem			51.00N, 4.59E	V	41 days, 1146 km, 247°
14620. <i>Parus caeruleus</i>, Blue Tit (5)									
XH 81072	28.05.2012	I	1	Russia, Kaliningrad, Courish Spit			55.06N, 20.44E		
	11.11.2012	F	3	Belgium, Liege, Voroux-lez-Liers			50.41N, 5.32E	V	167 days, 1131 km, 244°
XH 88104	24.09.2012	F	3	Russia, Fringilla			55.05N, 20.44E		
	23.03.2013	F	5	Belgium, Liege, Chevron			50.23N, 5.44E	V	180 days, 1136 km, 243°
XN 21482	10.08.2007	M	3	Russia, Fringilla			55.05N, 20.44E		
	04.10.2007	M	3	Germany, Brandenburg, Sawall			52.04N, 14.12E	V	55 days, 546 km, 232°
XP 06833	10.08.2008	F	3	Russia, Rybachy			55.09N, 20.51E		
	21.02.2009			Germany, Erfurt, Saale-Orla-Kreis, Posen			50.39N, 10.40E	+K	195 days, 846 km, 234°
XR 06579	07.10.2013	F	3	Russia, Fringilla			55.05N, 20.44E		
	13.10.2013	M	3	Poland, Elblag, Mierzeja Wislana-Siekierki			54.22N, 19.24E	V	6 days, 117 km, 227°
14640. <i>Parus major</i>, Great Tit (27)									
XH 35199	29.09.2011	M	4	Russia, Fringilla			55.05N, 20.44E		
	19.10.2013	F	4	Lithuania, Silute, Ventes Ragas			55.21N, 21.13E	V	751 days, 43 km, 46°
XH 71676	21.10.2011	M	4	Russia, Fringilla			55.05N, 20.44E		
	22.10.2013	M	4	Poland, Koszalin, Darlowo, Dabkowice			54.20N, 16.15E	V	732 days, 300 km, 254°

XH 81396	12.10.2012	F 3	Russia, Fringilla	55.05N, 20.44E	V	181 days, 448 km, 258°
	11.04.2013	F 5	Germany, Mecklenburg-Vorpommern, Greifswalder Oie	54.15N, 13.55E	V	220 days, 448 km, 258°
	20.05.2013	F 5	Germany, Mecklenburg-Vorpommern, Greifswalder Oie	54.15N, 13.55E	V	
XH 86476	20.09.2012	F 4	Russia, Fringilla	55.05N, 20.44E	V	21 days, 1102 km, 254°
	11.10.2012	F 4	Netherlands, Noord-Holland, Spinnenkoppenviak	52.25N, 4.35E	V	
XH 89660	29.09.2012	F 3	Russia, Fringilla	55.05N, 20.44E	V	374 days, 43 km, 46°
	08.10.2013	F 4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	
XN 66177	30.06.2007	I 1	Russia, Kaliningrad, Courish Spit	55.05N, 20.44E	(+)	636 days, 519 km, 238°
	27.03.2009		Germany, Brandenburg, Markisch-Oderland, Grunow	52.36N, 14.02E		
XR 04492	05.10.2013	F 3	Russia, Fringilla	55.05N, 20.44E	V	10 days, 1158 km, 247°
	15.10.2013	M 4	Belgium, Brabant, Begijnendijk	51.01N, 4.46E	V	
XR 05366	06.10.2013	M 3	Russia, Fringilla	55.05N, 20.44E	V	386 days, 159 km, 241°
	27.10.2014	M 4	Poland, Gdansk, Gdansk-Niedzwiednik	54.23N, 18.34E	V	
XR 07050	09.10.2013	M 4	Russia, Fringilla	55.05N, 20.44E	V	140 days, 654 km, 250°
	26.02.2014	M 6	Germany, Niedersachsen, Grippel	53.04N, 11.18E	V	
XR 07513	13.10.2013	F 3	Russia, Fringilla	55.05N, 20.44E	V	2 days, 54 km, 27°
	15.10.2013	F 3	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	V	
XR 07834	17.10.2013	F 4	Russia, Fringilla	55.05N, 20.44E	V	6 days, 117 km, 227°
	23.10.2013	F 4	Poland, Elblag, Mierzeja Wislana-Siektierki	54.22N, 19.24E	V	
XR 07857	17.10.2013	F 3	Russia, Fringilla	55.05N, 20.44E	V	10 days, 117 km, 227°
	27.10.2013	F 3	Poland, Elblag, Mierzeja Wislana-Siektierki	54.22N, 19.24E	V	
XR 60468	03.10.2014	M 3	Russia, Fringilla	55.05N, 20.44E	V	16 days, 159 km, 241°
	19.10.2014	M 3	Poland, Gdansk, Gdansk-Niedzwiednik	54.23N, 18.34E	V	
XR 60660	03.10.2014	M 4	Russia, Fringilla	55.05N, 20.44E	V	22 days, 419 km, 242°
	25.10.2014	M 4	Poland, Szczecin, Stargrad Szczeciński, Os. Pyrzyckie	53.19N, 15.02E	V	
XR 61016	04.10.2014	M 3	Russia, Fringilla	55.05N, 20.44E	V	7 days, 159 km, 241°
	11.10.2014	M 3	Poland, Gdansk, Gdansk-Niedzwiednik	54.23N, 18.34E	V	
XR 63881	11.10.2014	M 4	Russia, Fringilla	55.05N, 20.44E	V	2 days, 54 km, 27°
	13.10.2014	M 4	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	V	
XZ 01940	17.10.2012	F 4	Russia, Rybachy	55.09N, 20.51E	V	371 days, 32 km, 46°
	23.10.2013	F 4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	

XZ 02617	11.04.2013	F	5	Russia, Rybachy	55.09N, 20.51E	V	180 days, 32 km, 46°
	08.10.2013	F	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	
XZ 02627	11.04.2013	F	5	Russia, Rybachy	55.09N, 20.51E	V	202 days, 32 km, 46°
	30.10.2013	F	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	
XZ 02639	11.04.2013	M	5	Russia, Rybachy	55.09N, 20.51E	V	179 days, 32 km, 46°
	07.10.2013	M	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	
XZ 04897	06.10.2012	F	3	Russia, Fringilla	55.05N, 20.44E	V	179 days, 448 km, 258°
	03.04.2013	F	5	Germany, Mecklenburg-Vorpommern, Greifswalder Oie	54.15N, 13.55E	V	
XZ 10461	08.04.2013	F	6	Russia, Fringilla	55.05N, 20.44E	V	550 days, 43 km, 46°
	10.10.2014	F	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	
XZ 10466	08.04.2013	F	5	Russia, Fringilla	55.05N, 20.44E	V	194 days, 43 km, 46°
	19.10.2013	F	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	
XZ 10638	12.04.2013	F	5	Russia, Fringilla	55.05N, 20.44E	V	179 days, 43 km, 46°
	08.10.2013	F	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	
XZ 16139	01.10.2013	F	3	Russia, Fringilla	55.05N, 20.44E	V	10 days, 448 km, 258°
	11.10.2013	F	3	Germany, Mecklenburg-Vorpommern, Greifswalder Oie	54.15N, 13.55E	V	24 days, 448 km, 258°
	25.10.2013	F	3	Germany, Mecklenburg-Vorpommern, Greifswalder Oie	54.15N, 13.55E	V	
XZ 16353	03.10.2013	F	3	Russia, Fringilla	55.05N, 20.44E	V	390 days, 890 km, 249°
	28.10.2014	M	2	Germany, Wesser-Ems, Osnabruck	52.16N, 8.04E	V	
XZ 16746	04.10.2013	F	3	Russia, Fringilla	55.05N, 20.44E	V	5 days, 54 km, 27°
	09.10.2013	F	3	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	V	
14900. <i>Remiz pendulinus</i>, Penduline (1)							
XZ 19121	23.07.2013	I	3	Russia, Rybachy	55.09N, 20.51E	V	460 days, 1312 km, 220°
	26.10.2014	F	4	Switzerland, Ticino, Locarno	46.09N, 8.48E	V	
15820. <i>Sturnus vulgaris</i>, Starling (1)							
R 005584	05.07.1965	M	3	Russia, Fringilla	55.05N, 20.44E	x	995 days, 882 km, 260°
	26.03.1968	I	2	Germany, Wesser-Ems, Dornum, Westdorf	53.39N, 7.20E	x	
15910. <i>Passer domesticus</i>, House Sparrow (1)							
KS 61071	22.05.2013	F	4	Russia, Rybachy	55.09N, 20.51E	V	283 days, 32 km, 46°
	01.03.2014	F	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	

16360. <i>Fringilla coelebs</i>, Chaffinch (6)									
KS 61211	05.08.2013	F	3	Russia, Rybachy	55.09N, 20.51E	V	250 days, 32 km, 46°		
	12.04.2014	F	5	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E				
KS 61296	08.10.2013	M	4	Russia, Rybachy	55.09N, 20.51E	V	191 days, 792 km, 34°		
	17.04.2014	M	6	Finland, Kymi, Lappeenranta, Ryosola	61.04N, 28.22E				
S 304419	23.10.1966	M	2	Russia, Fringilla	55.05N, 20.44E	x	495 days, 781 km, 245°		
	01.03.1968	I	2	Germany, Niedersachsen, Hildesheim	52.09N, 9.58E				
XG 13797	09.10.2009	M	3	Russia, Fringilla	55.05N, 20.44E	V	1553 days, 43 km, 46°		
	09.01.2014	M	6	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E				
XH 12194	25.09.2010	F	4	Russia, Fringilla	55.05N, 20.44E	+K	1292 days, 993 km, 30°		
	09.04.2014			Finland, Kuopio, Polvijarvi, Kuorevaara	62.50N, 29.23E				
XY 29143	02.04.2006	M	6	Russia, Fringilla	55.05N, 20.44E	x	2989 days, 467 km, 256°		
	08.06.2014			Germany, Mecklenburg, Rubenow	54.06N, 13.41E				
16490. <i>Carduelis chloris</i>, Greenfinch (1)									
KS 11884	06.05.2012	F	5	Russia, Rybachy	55.09N, 20.51E				
	12.12.2014	I	2	Germany, Baden-Wuerttemberg, Schriesheim, Altenbach	49.29N, 8.44E	x	950 days, 1036 km, 233°		
16540. <i>Carduelis spinus</i>, Siskin (2)									
XH 87487	22.09.2012	M	3	Russia, Fringilla	55.05N, 20.44E				
	24.11.2012	I	2	Portugal, Lisboa, Parede	38.41N, 9.20W	(+)	63 days, 2921 km, 231°		
XZ 13330	01.07.2013	M	5	Russia, Fringilla	55.05N, 20.44E	V	281 days, 54 km, 27°		
	08.04.2014	M	6	Lithuania, Neringa, Juodkrante	55.31N, 21.07E				
16660. <i>Loxia curvirostra</i>, Common Crossbill (1)									
TA 80559	07.06.2013	M	6	Russia, Fringilla	55.05N, 20.44E				
	08.02.2014	M	6	Czech Republic, Stredocesky a Praha, Benesov, Lbosin	49.47N, 14.50E	V	246 days, 712 km, 214°		

Controls of birds ringed outside of the Courish Spit

02690. <i>Accipiter nisus</i>, Sparrowhawk (1)										
U521544	Estonia, Matsalu	24.04.2014	M	5	Estonia, Viijandimaa, Suuri, Sungavere-Jaani	58.29N, 25.33E				
		05.10.2014	M	3	Russia, Fringilla	55.05N, 20.44E	& PB 143086	164 days, 478 km, 218°		
09920. <i>Hirundo rustica</i>, Barn Swallow (1)										
XE22640	Lithuania, Kaunas	23.07.2014	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E				
		18.08.2014	I	3	Russia, Fringilla	55.05N, 20.44E	& VN 81762	26 days, 43 km, 226°		
10990. <i>Erithacus rubecula</i>, European Robin (1)										
B4A3535	Germany, Radolfzell	23.04.2013	I	5	Germany, Saarland, Lisdorf	49.18N, 6.46E				
		04.05.2013	I	5	Russia, Fringilla	55.05N, 20.44E	& XZ 12137	11 days, 1148 km, 56°		
11870. <i>Turdus merula</i>, Blackbird (1)										
KV98621	Lithuania, Kaunas	26.03.2014	M	6	Lithuania, Šilute, Ventes Ragas	55.21N, 21.12E				
		09.04.2014	M	5	Russia, Rybachy	55.09N, 20.51E	& PB 148572	14 days, 31 km, 225°		
12510. <i>Acrocephalus scirpaceus</i>, Eurasian Reed Warbler (4)										
CA68757	Estonia, Matsalu	17.08.2012	I	3	Estonia, Pärnu, Haademeeste	58.06N, 24.28E				
		08.06.2014	I	4	Russia, Rybachy	55.09N, 20.51E	& XR 46470	660 days, 395 km, 214°		
J184013	Latvia, Riga	28.07.2013	M	4	Latvia, Rucava, Pape	56.10N, 21.01E				
		08.05.2014	I	4	Russia, Rybachy	55.09N, 20.51E	& XR 45410	284 days, 113 km, 185°		
2L68026	Spain, Madrid (Icona)	04.05.2013	I	5	Spain, Almeida, Albufera De Adra	36.46N, 3.02W				
		02.08.2014	F	4	Russia, Rybachy	55.09N, 20.51E	& XR 47528	455 days, 2752 km, 42°		
3L15389	Spain, Madrid (Icona)	22.09.2013	I	3	Spain, Navarra, Noain	42.45N, 1.38W				
		05.06.2014	I	4	Russia, Rybachy	55.09N, 20.51E	& XR 46313	256 days, 2142 km, 50°		
12530. <i>Acrocephalus arundinaceus</i>, Great Reed Warbler (1)										
JB45258	Poland, Gdansk	22.05.2014	F	4	Poland, Koszalin, Darlowo, Dabkowice	54.20N, 16.15E				
		18.07.2014	F	4	Russia, Rybachy	55.09N, 20.51E	& FS 27247	57 days, 309 km, 73°		
12730. <i>Sylvia nisoria</i>, Barred Warbler (1)										
3504696	Sweden, Stockholm	02.09.2014	F	3	Sweden, Halland, Grotvik, Halmstadt	56.39N, 12.47E				
		19.10.2014	F	4	Russia, Fringilla	55.05N, 20.44E	& KS 68350	47 days, 525 km, 109°		

XE29011	Lithuania, Kaunas	01.10.2014	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VN 82813	2 days, 43 km, 226°
		03.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XE29012	Lithuania, Kaunas	01.10.2014	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	2 days, 43 km, 226°
		03.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XE29034	Lithuania, Kaunas	01.10.2014	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VN 82816	2 days, 43 km, 226°
		03.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XE30539	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VN 83300	1 day, 43 km, 226°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XE30666	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VN 83401	1 day, 43 km, 226°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XE30834	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VF 24293	7 days, 43 km, 226°
		10.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XE34274	Lithuania, Kaunas	09.10.2014	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VF 24442	2 days, 43 km, 226°
		11.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35394	Lithuania, Kaunas	01.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 82621	1 day, 58 km, 203°
		02.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35630	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83178	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35726	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83555	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35734	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83432	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35748	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83465	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35760	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83422	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35781	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83398	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35793	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83405	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		

XX35800	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83400	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35813	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83346	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35818	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83399	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35819	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83294	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35846	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83553	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35850	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83552	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35862	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83395	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35890	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VF 30215	3 days, 58 km, 203°
		06.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35907	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83835	2 days, 58 km, 203°
		05.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX35926	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 83497	1 day, 58 km, 203°
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX36131	Lithuania, Kaunas	01.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VN 82824	2 days, 58 km, 203°
		03.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX36137	Lithuania, Kaunas	01.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	& VN 82817	2 days, 54 km, 207°
		03.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX36138	Lithuania, Kaunas	01.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	& VN 82826	2 days, 54 km, 207°
		03.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX36140	Lithuania, Kaunas	01.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	& VN 82814	2 days, 54 km, 207°
		03.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX36676	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	& VF 24059	6 days, 54 km, 207°
		09.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		

XX36693	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E			
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E	& VN 83505	1 day, 54 km, 207°	
XX36695	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E			
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E	& VN 83511	1 day, 54 km, 207°	
XX36696	Lithuania, Kaunas	03.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E			
		04.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E	& VN 83500	1 day, 54 km, 207°	
XX36721	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E			
		05.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E	& VN 83917	1 day, 54 km, 207°	
XX36800	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E			
		06.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E	& VF 26565	2 days, 44 km, 202°	
XX36947	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E			
		10.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E	& VF 24292	6 days, 54 km, 207°	
XX36988	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E			
		09.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E	& VF 30930	5 days, 54 km, 207°	
XX37055	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		08.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E	V	4 days, 58 km, 203°	
XX37167	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		09.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E	V	5 days, 58 km, 203°	
XX37197	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E	& VF 26938	4 days, 49 km, 199°	
XX37198	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E	& VF 26955	4 days, 49 km, 199°	
XX37199	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E	& VF 26950	4 days, 49 km, 199°	
XX37200	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E	& VF 26941	4 days, 49 km, 199°	
XX37201	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E	& VF 26952	4 days, 49 km, 199°	
XX37202	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E	& VF 26942	4 days, 49 km, 199°	

XX37203	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VF 26954	4 days, 49 km, 199°
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E		
XX37204	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VF 26940	4 days, 49 km, 199°
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E		
XX37205	Lithuania, Kaunas	04.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VF 26944	4 days, 49 km, 199°
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E		
XX37207	Lithuania, Kaunas	05.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VF 26762	2 days, 49 km, 199°
		07.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E		
XX37235	Lithuania, Kaunas	05.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VF 26871	3 days, 49 km, 199°
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E		
XX37236	Lithuania, Kaunas	05.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VF 26870	3 days, 49 km, 199°
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E		
XX37237	Lithuania, Kaunas	05.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VF 26748	2 days, 49 km, 199°
		07.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E		
XX37239	Lithuania, Kaunas	05.10.2014	I	2	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& VF 26997	3 days, 49 km, 199°
		08.10.2014	I	3	Russia, Rybachy	55.09N, 20.51E		
XX38129	Lithuania, Kaunas	05.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	& VF 24263	5 days, 54 km, 207°
		10.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX38364	Lithuania, Kaunas	11.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	& VF 24797	2 days, 54 km, 207°
		13.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX38408	Lithuania, Kaunas	05.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	& VF 24168	5 days, 54 km, 207°
		10.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX38660	Lithuania, Kaunas	09.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	& VF 24437	2 days, 54 km, 207°
		11.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
XX38981	Lithuania, Kaunas	13.10.2014	I	2	Lithuania, Neringa, Juodkrante	55.31N, 21.07E	& VF 24796	0 days, 54 km, 207°
		13.10.2014	I	2	Russia, Fringilla	55.05N, 20.44E		
14620. Parus caeruleus, Blue Tit (5)								
VJ01823	Lithuania, Kaunas	01.11.2013	M	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& XR 52106	330 days, 43 km, 226°
		27.09.2014	M	4	Russia, Fringilla	55.05N, 20.44E		

VJ02297	Lithuania, Kaunas	05.11.2013	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E				
		26.09.2014	F	3	Russia, Fringilla	55.05N, 20.44E	& XR 51658	325 days, 43 km, 226°		
VJ20628	Lithuania, Kaunas	26.09.2014	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	2 days, 43 km, 226°		
		28.09.2014	F	3	Russia, Fringilla	55.05N, 20.44E				
VX87707	Lithuania, Kaunas	24.09.2014	M	4	Lithuania, Neringa, Juodkrante, Gaudykle	55.34N, 21.06E	& XR 52987	5 days, 58 km, 203°		
		29.09.2014	M	4	Russia, Fringilla	55.05N, 20.44E				
VX87863	Lithuania, Kaunas	26.09.2014	M	3	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E	& XR 52973	3 days, 58 km, 203°		
		29.09.2014	M	3	Russia, Fringilla	55.05N, 20.44E				
14640. <i>Parus major</i>, Great Tit (21)										
55V43060	Belgium, Bruxelles	18.10.2012	F	3	Belgium, Liege, Marchin	50.28N, 5.14E				
		06.10.2013	F	4	Russia, Fringilla	55.05N, 20.44E	& XR 05831	353 days, 1161 km, 64°		
57V52022	Belgium, Bruxelles	23.02.2014	F	5	Belgium, Brabant, Beauvechain	50.47N, 4.47E	x	95 days, 1186 km, 65°		
		19.05.2014	F	5	Russia, Kaliningrad, Courish Spit	55.06N, 20.45E				
VA81896	Estonia, Matsalu	05.10.2014	F	3	Estonia, Pärnumaa, Kabi	58.01N, 24.27E	& XR 73028	14 days, 387 km, 215°		
		19.10.2014	F	3	Russia, Rybachy	55.09N, 20.51E				
VF27133	Lithuania, Kaunas	24.09.2012	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& XR 60930	739 days, 43 km, 226°		
		03.10.2014	F	4	Russia, Fringilla	55.05N, 20.44E				
VJ16967	Lithuania, Kaunas	25.09.2014	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& XR 51872	2 days, 43 km, 226°		
		27.09.2014	F	3	Russia, Fringilla	55.05N, 20.44E				
VJ20246	Lithuania, Kaunas	24.09.2014	M	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& XR 51975	3 days, 43 km, 226°		
		27.09.2014	M	3	Russia, Fringilla	55.05N, 20.44E				
VJ26542	Lithuania, Kaunas	08.10.2014	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& XR 62845	1 day, 43 km, 226°		
		09.10.2014	F	3	Russia, Fringilla	55.05N, 20.44E				
VJ31112	Lithuania, Kaunas	10.10.2014	F	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& XR 63880	1 day, 43 km, 226°		
		11.10.2014	F	4	Russia, Fringilla	55.05N, 20.44E				
VJ32223	Lithuania, Kaunas	15.10.2014	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V	3 days, 43 km, 226°		
		18.10.2014	F	3	Russia, Fringilla	55.05N, 20.44E				
VJ33273	Lithuania, Kaunas	14.10.2014	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& XR 66075	2 days, 43 km, 226°		
		16.10.2014	F	3	Russia, Fringilla	55.05N, 20.44E				

VJ33565	Lithuania, Kaunas	14.10.2014	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
		22.10.2014	F	3	Russia, Rybachy	55.09N, 20.51E	& XR 73243	8 days, 32 km, 226°	
VJ33681	Lithuania, Kaunas	14.10.2014	M	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
		18.10.2014	M	3	Russia, Fringilla	55.05N, 20.44E	V	4 days, 43 km, 226°	
VJ40009	Lithuania, Kaunas	27.10.2014	M	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
		28.10.2014	M	3	Russia, Rybachy	55.09N, 20.51E	& XR 73543	1 day, 32 km, 226°	
VL18261	Lithuania, Kaunas	12.10.2011	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
		13.04.2014	F	6	Russia, Fringilla	55.05N, 20.44E	V	914 days, 43 km, 226°	
VS05783	Lithuania, Kaunas	21.10.2014	F	4	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		22.10.2014	F	4	Russia, Rybachy	55.09N, 20.51E	& XR 73263	1 day, 49 km, 199°	
VS06266	Lithuania, Kaunas	10.10.2014	M	3	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		12.10.2014	M	3	Russia, Fringilla	55.05N, 20.44E	& XR 64558	2 days, 58 km, 203°	
VX87766	Lithuania, Kaunas	25.09.2014	F	3	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		27.09.2014	F	3	Russia, Fringilla	55.05N, 20.44E	& XR 52243	2 days, 58 km, 203°	
VX89054	Lithuania, Kaunas	03.10.2014	M	3	Lithuania, Neringa, Joudkrante, Gaudykle	55.34N, 21.06E			
		04.10.2014	M	3	Russia, Rybachy	55.09N, 20.51E	& XR 54854	1 day, 49 km, 199°	
FX68518	Netherlands, Arnhem	30.11.2012	F	3	Netherlands, Overijssel, Zwolle	52.29N, 6.06E			
		04.10.2013	F	4	Russia, Fringilla	55.05N, 20.44E	& XZ 16722	308 days, 1003 km, 73°	
K6J0599	Poland, Gdansk	16.11.2013	M	3	Poland, Gdansk, Park Steffensa	54.22N, 18.38E			
		10.10.2014	M	4	Russia, Fringilla	55.05N, 20.44E	& XR 63180	328 days, 157 km, 59°	
K9L1820	Poland, Gdansk	05.10.2013	M		Poland, Elblag, Mierzeja Wislana-Siekierki	54.22N, 19.24E			
		14.10.2014	M	4	Russia, Fringilla	55.05N, 20.44E	& XR 65294	374 days, 117 km, 47°	
15820. <i>Sturnus vulgaris</i>, Starling (3)									
KH00937	Lithuania, Kaunas	15.06.2014	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
		16.06.2014	M	3	Russia, Fringilla	55.05N, 20.44E	& TA 85795	1 day, 43 km, 226°	
KH02383	Lithuania, Kaunas	26.06.2014	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
		02.07.2014	F	3	Russia, Fringilla	55.05N, 20.44E	& TC 00030	6 days, 43 km, 226°	
KH03564	Lithuania, Kaunas	22.06.2014	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
		23.06.2014	F	3	Russia, Fringilla	55.05N, 20.44E	& TA 85884	1 day, 43 km, 226°	

16360. <i>Fringilla coelebs</i>, Chaffinch (1)										
VJ05423	Lithuania, Kaunas	09.04.2014	M	5	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E				
		23.05.2014	M	5	Russia, Fringilla	55.05N, 20.44E	& KS 66934	44 days, 43 km, 226°		
16490. <i>Carduelis chloris</i>, Greenfinch (1)										
TV12966	Lithuania, Kaunas	22.03.2014	M	5	Lithuania, Šilute, Ventes Ragas	55.21N, 21.12E				
		02.07.2014	M	5	Russia, Rybachy	55.09N, 20.51E	& FS 27224	102 days, 31 km, 225°		
16540. <i>Carduelis spinus</i>, Siskin (2)										
12702760	Belgium, Bruxelles	04.04.2013	F	5	Belgium, Namur, Ermeton-sur-Biert	50.17N, 4.43E				
		07.04.2014	F	6	Russia, Fringilla	55.05N, 20.44E	& XR 09397	368 days, 1203 km, 64°		
K7E7614	Poland, Gdansk	17.02.2013	F	5	Poland, Kielce, Wloszczowa	50.51N, 19.59E				
		15.04.2014	F	6	Russia, Fringilla	55.05N, 20.44E	& XR 09855	422 days, 473 km, 6°		
16790. <i>Carpodacus erythrinus</i>, Scarlet Rosefinch (2)										
9Z39754	Denmark, Copenhagen	20.05.2014	M	2	Denmark, Bornholm, Christiansø	55.19N, 15.11E				
		08.06.2014	M	5	Russia, Rybachy	55.09N, 20.51E	& XR 46496	19 days, 359 km, 93°		