

# AVIAN ECOLOGY AND BEHAVIOUR

PROCEEDINGS OF THE BIOLOGICAL STATION "RYBACHY"  
Vol. 14, 2008

---

## RINGING REPORTS

*Avian Ecol. Behav.* 14, 2008: 49-100

### Results of bird trapping and ringing by the Biological Station "Rybachy" on the Courish Spit in 2005

Casimir V. Bolshakov, Anatoly P. Shapoval & Nadejda P. Zelenova

*Abstract:* Bolshakov, C.V., Shapoval, A.P. & N.P. Zelenova (2008): Results of bird trapping and ringing by the Biological Station "Rybachy" on the Courish Spit in 2005. *Avian Ecol. Behav.* 14: 49-100.

In 2005, a grand total of 56,342 birds of 110 species were trapped and ringed by the Biological Station "Rybachy" in the framework of long- and short-term research projects. A total of 1,777 ringed birds of 55 species produced 2,746 recaptures. In 2005, 469 birds of 36 species ringed on the Courish Spit in previous years were retrapped. Between 15.03.2005 and 15.03.2006, 110 birds of 23 species ringed on the Courish Spit were reported as recovered more than 20 km from the ringing site. In 2005, 207 birds of 24 species ringed outside the Courish Spit were controlled. A review of main research projects is given, along with main trapping techniques. A complete list of long-distance recoveries is provided.

*Keywords:* bird ringing, retraps, long-distance recoveries, research projects

*Address:* Biological station "Rybachy", Zoological Institute, Rybachy 238535, Kaliningrad Region, Russia. E-mail: Rybachy@bioryb.koenig.su

Received 20 March 2006 / Received in revised form 25 May 2006 / Accepted 17 September 2006.

This annual report is the 8th one in the series of ringing reports published by the Biological Station "Rybachy" (Bolshakov et al. 1999, 2000, 2002a, 2002b, 2003, 2004, 2005) and consists of two parts. The first part contains a short review of the main research projects, description of trapping techniques used and main ringing results (Tab. 1), retraps and control captures (Tab. 2) during the current year. The second part contains a full list of birds ringed by the station and recovered outside the Courish Spit based on the data received from Russian National Ringing Centre in Moscow. We also present the data on birds ringed outside the Courish Spit and controlled by us in the current year. Additionally we have included the data on long-distance recoveries for which we do not have information from the National Ringing Centre.

## 1. Main current research projects using bird trapping and ringing

### 1.1 Long-term monitoring of the timing of spring and autumn migration, breeding, post-breeding and post-fledging dispersal, numbers of breeding and passage bird populations on the Courish Spit of the Baltic Sea

This project has been under way without interruption since 1958 at the field site “Fringilla” (55°05′N, 20°44′E). Birds are trapped in specially designed, large permanent traps (the so-called “Rybachy-type” traps), ringed and measured. For detailed descriptions of the traps see Erik (1967), Dolnik & Payevsky (1976), Bub (1991), Payevsky (2000). At present a unique data set is available that has made it possible to describe long-term trends in the timing of migration, breeding, post-fledging dispersal, and numbers of local and passage populations for nearly 40 passerine species in the second half of the 20th century. These data have also allowed us to discover the main factors that affect the underlying trends (Sokolov 1999, Sokolov *et al.* 1998a, 1998b, 1999, 2000, 2001a, 2001b, 2002a, 2002b, 2003a, 2003b, Sokolov & Payevsky 1998). Within the framework of this project two traps were operated at “Fringilla” in 2005: trap 4 (NE orientation of entrance) – from March 26 until October 2, trap 5 (SW orientation of entrance) – from March 27 until November 1. In the spring, summer and during a part of the autumn, the traps allowed us to control movement along the Courish Spit in both directions. A total of 38,949 birds of 94 species were trapped and ringed in Rybachy-type traps (Tab. 1).

### 1.2. Long-term dynamics of numbers, energy condition, moult and biometrics of passerines in NE Europe

A joint 15-year research programme of Vogelwarte Radolfzell (Germany) and Biological Station Rybachy was launched in 1993 at the field site “Rybachy” on Ros-sitten Cape (55°09′N, 20°51′E). It is an area of heavy concentration of nocturnal passerine migrants at daytime stopovers, both in spring and in autumn. Trapping is done in mist nets, each 7 m long. Nets are placed in 2 lines and several small groups. Trapping, ringing and biometrics followed the guidelines of the MRI and ESF programmes (Berthold *et al.* 1991, Bairlein *et al.* 1995).

In 2005, 25 nets were open 24 hrs a day from March 27 until November 1 with a standard gap from June 11 until June 30, and additional 17 nets were open from July 20 until August 31. A total of 12,333 birds of 72 species was trapped and ringed in this programme in 2005 (Tab. 1).

### 1.3. Population structure, philopatry and dispersal of passerines on the Courish Spit

This project was launched in 1973. The data were largely obtained by trapping and ringing juveniles and adults in Rybachy-type traps. Mist nets were used near water pools at “Fringilla” and the surrounding area and pulli and adults were ringed at nests (incl. nest-boxes) at different sites on the Courish Spit.

Table 1. Numbers of birds ringed by Biological Station "Rybachy" in 2005.

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
00030	<i>Gavia arctica</i> Arctic	–	–	–	–	–	–	1
00090	<i>Podiceps cristatus</i> Great Crested Grebe	–	–	–	–	–	–	1
00720	<i>Phalacrocorax carbo</i> Cormorant	–	–	1	–	–	1	4
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	–	–	–	–	–	–	2
01860	<i>Anas platyrhynchos</i> Mallard	–	–	–	–	–	–	2
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	3	–	–	–	–	3	69
02620	<i>Circus macrourus</i> Pallid Harrier	–	–	–	–	–	–	1
02630	<i>Circus pygargus</i> Montagu's Harrier	–	–	–	–	–	–	5
02670	<i>Accipiter gentilis</i> Goshawk	2	–	–	–	–	2	43

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
02690	<i>Accipiter nisus</i> Sparrowhawk	181	4	–	–	–	185	6,884
02870	<i>Buteo buteo</i> Buzzard	–	–	–	–	–	–	21
02900	<i>Buteo lagopus</i> Rough-legged Buzzard	–	–	–	–	–	–	2
03040	<i>Falco tinnunculus</i> Kestrel	–	–	–	–	–	–	13
03070	<i>Falco vespertinus</i> Red-footed Falcon	–	–	–	–	–	–	4
03090	<i>Falco columbarius</i> Merlin	–	–	–	–	–	–	35
03100	<i>Falco subbuteo</i> Hobby	1	–	–	–	–	1	13
03200	<i>Falco peregrinus</i> Peregrine	–	–	–	–	–	–	1
03700	<i>Coturnix coturnix</i> Quail	–	–	–	–	–	–	2
04070	<i>Rallus aquaticus</i> Water Rail	–	–	–	–	1	1	20
04080	<i>Porzana porzana</i> Spotted Crane	–	–	–	–	1	1	9
04210	<i>Crex crex</i> Corncrake	–	–	–	–	–	–	14
04240	<i>Gallinula chloropus</i> Moorhen	–	–	–	–	–	–	3
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

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
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
05180	<i>Lymnocyptes minima</i> Jack Snipe	–	–	–	–	–	–	17
05190	<i>Gallinago gallinago</i> Snipe	–	1	–	–	–	1	32
05290	<i>Scolopax rusticola</i> Woodcock	4	1	–	–	–	5	202
05410	<i>Numenius arquata</i> Curlew	–	–	–	–	–	–	1
05530	<i>Tringa ochropus</i> Green Sandpiper	–	–	–	–	1	1	15
05540	<i>Tringa glareola</i> Wood Sandpiper	–	–	–	–	–	–	18
05560	<i>Actitis hypoleucos</i> Common Sandpiper	–	–	–	–	2	2	40
05610	<i>Arenaria interpres</i> Turnstone	–	–	–	–	–	–	1
05820	<i>Larus ridibundus</i> Black-headed Gull	–	–	–	–	–	–	41
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
06150	<i>Sterna hirundo</i> Common Tern	–	–	–	–	–	–	1
06340	<i>Uria aalge</i> Guillemot	–	–	–	–	–	–	1

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
06650	<i>Columba livia</i> Rock Dove	–	–	–	–	–	–	14
06680	<i>Columba oenas</i> Stock Dove	–	–	–	–	–	–	15
06700	<i>Columba palumbus</i> Woodpigeon	–	–	–	–	1	1	62
06840	<i>Streptopelia decaocto</i> Collared Dove	–	–	–	–	–	–	32
06870	<i>Streptopelia turtur</i> Turtle Dove	1	–	–	–	–	1	123
07240	<i>Cuculus canorus</i> Cuckoo	19	–	1	–	–	20	1,386
07350	<i>Tyto alba</i> Barn Owl	–	–	–	–	–	–	7
07500	<i>Surnia ulula</i> Hawk Owl	–	–	–	–	–	–	2
07570	<i>Athene noctua</i> Little Owl	–	–	–	–	–	–	1
07610	<i>Strix aluco</i> Tawny Owl	3	–	–	–	–	3	53
07670	<i>Asio otus</i> Long-eared Owl	27	–	–	–	–	27	3,277
07680	<i>Asio flammeus</i> Short-eared Owl	–	–	–	–	–	–	54
07700	<i>Aegolius funereus</i> Tengmalm's Owl	4	–	–	–	–	4	333
07780	<i>Caprimulgus europaeus</i> Nightjar	–	–	–	–	–	–	418
07950	<i>Apus apus</i> Swift	5	–	–	–	–	5	633
08310	<i>Alcedo atthis</i> Kingfisher	1	5	–	–	3	9	195
08410	<i>Coracias garrulus</i> Roller	–	–	–	–	–	–	3
08460	<i>Upupa epops</i> Hoopoe	–	–	–	–	–	–	166

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
08480	<i>Jynx torquilla</i> Wryneck	1	5	–	–	1	7	1,147
08550	<i>Picus canus</i> Grey-headed Woodpecker	–	–	–	–	–	–	6
08560	<i>Picus viridis</i> Green Woodpecker	–	–	–	–	–	–	2
08630	<i>Dryocopus martius</i> Black Woodpecker	1	–	–	–	–	1	12
08760	<i>Dendrocopos major</i> Great Spotted Woodpecker	22	7	–	–	1	30	2,798
08830	<i>Dendrocopos medius</i> Middle Spotted Woodpecker	2	–	–	–	3	5	51
08840	<i>Dendrocopos leucotos</i> White-backed Woodpecker	–	–	–	–	–	–	4
08870	<i>Dendrocopos minor</i> Lesser Spotted Woodpecker	7	7	–	–	4	18	387
09740	<i>Lullula arborea</i> Woodlark	14	–	–	–	–	14	4,726
09760	<i>Alauda arvensis</i> Skylark	2	–	–	–	–	2	486
09780	<i>Eremophilla alpestris</i> Shore Lark	–	–	–	–	–	–	5
09810	<i>Riparia riparia</i> Sand Martin	239	–	–	–	–	239	4,946
09920	<i>Hirundo rustica</i> Swallow	400	87	32	–	10	529	10,179
10010	<i>Delichon urbica</i> House Martin	156	19	–	–	–	175	8,308
10020	<i>Anthus novaseelandiae</i> Richard's Pipit	–	–	–	–	–	–	3
10050	<i>Anthus campestris</i> Tawny Pipit	1	–	–	–	–	1	134
10090	<i>Anthus trivialis</i> Tree Pipit	63	3	–	–	17	83	5,717

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
10110	<i>Anthus pratensis</i> Meadow Pipit	19	–	–	–	–	19	10,994
10140	<i>Anthus spinoletta</i> Water Pipit	–	–	–	–	–	–	3
10142	<i>Anthus petrosus</i> Rock Pipit	–	–	–	–	–	–	1
10170	<i>Motacilla flava</i> Yellow Wagtail	15	18	–	–	–	33	2,766
10180	<i>Motacilla citreola</i> Citrine Wagtail	–	–	–	–	–	–	1
10190	<i>Motacilla cinerea</i> Grey Wagtail	–	–	–	–	–	–	10
10200	<i>Motacilla alba</i> Pied Wagtail	239	57	19	–	3	318	10,823
10480	<i>Bombycilla garrulus</i> Waxwing	–	–	–	–	–	–	1,277
10500	<i>Cinclus cinclus</i> Dipper	–	–	–	–	–	–	1
10660	<i>Troglodytes troglodytes</i> Wren	97	131	–	–	11	239	11,164
10840	<i>Prunella modularis</i> Dunnock	23	77	–	–	–	100	5,554
10990	<i>Erithacus rubecula</i> Robin	1,720	1,787	–	–	56	3,563	154,206
11030	<i>Luscinia luscinia</i> Thrush Nightingale	7	46	–	–	3	56	1,998
11060	<i>Luscinia svecica</i> Bluethroat	–	4	–	–	4	8	205
11130	<i>Tarsiger cyanurus</i> Red-flanked Bluetail	–	–	–	–	–	–	1
11210	<i>Phoenicurus ochruros</i> Black Redstart	73	5	–	–	1	79	1,305
11220	<i>Phoenicurus phoenicurus</i> Redstart	66	73	6	–	9	154	12,682
11370	<i>Saxicola rubetra</i> Whinchat	20	5	–	–	–	25	3,055



Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
11390	<i>Saxicola torquata</i> Stonechat	1	–	–	–	–	1	3
11460	<i>Oenanthe oenanthe</i> Northern Wheatear	1	–	–	–	–	1	839
11860	<i>Turdus torquatus</i> Ring Ouzel	–	–	–	–	–	–	14
11870	<i>Turdus merula</i> Blackbird	153	142	8	–	9	312	11,201
11980	<i>Turdus pilaris</i> Fieldfare	21	2	–	–	–	23	2,462
12000	<i>Turdus philomelos</i> Song Thrush	170	106	–	–	1	277	25,797
12010	<i>Turdus iliacus</i> Redwing	33	7	–	–	–	40	5,890
12020	<i>Turdus viscivorus</i> Mistle Thrush	–	–	–	–	–	–	295
12360	<i>Locustella naevia</i> Grasshopper Warbler	5	6	–	–	8	19	658
12370	<i>Locustella fluviatilis</i> River Warbler	2	3	–	–	–	5	143
12380	<i>Locustella luscinioides</i> Savi's Warbler	–	–	–	–	–	–	78
12430	<i>Acrocephalus schoenobaenus</i> Sedge Warbler	1	89	–	–	85	175	8,778
12470	<i>Acrocephalus agricola</i> Paddyfield Warbler	–	–	–	–	–	–	5
12480	<i>Acrocephalus dumetorum</i> Blyth's Reed Warbler	–	1	–	–	–	1	88
12500	<i>Acrocephalus palustris</i> Marsh Warbler	4	142	41	2	37	226	4,978
12510	<i>Acrocephalus scirpaceus</i> Reed Warbler	3	209	333	79	143	767	17,726
12530	<i>Acrocephalus arundinaceus</i> Great Reed Warbler	–	24	–	–	34	58	2,710

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
12560	<i>Hippolais caligata</i> Booted Warbler	–	–	–	–	–	–	6
12590	<i>Hippolais icterina</i> Icterine Warbler	122	61	14	–	35	232	10,542
12650	<i>Sylvia cantillans</i> Subalpine Warbler	–	–	–	–	–	–	4
12730	<i>Sylvia nisoria</i> Barred Warbler	7	2	5	–	–	14	3,916
12740	<i>Sylvia curruca</i> Lesser Whitethroat	117	244	178	–	17	556	17,579
12750	<i>Sylvia communis</i> Whitethroat	117	129	20	–	11	277	11,786
12760	<i>Sylvia borin</i> Garden Warbler	30	239	12	–	64	345	21,093
12770	<i>Sylvia atricapilla</i> Blackcap	66	566	39	–	113	784	20,601
12930	<i>Phylloscopus trochiloides</i> Greenish Warbler	1	4	–	–	1	6	84
12980	<i>Phylloscopus proregulus</i> Pallas' Warbler	–	–	–	–	–	–	23
13000	<i>Phylloscopus inornatus</i> Yellow-browed Warbler	3	3	–	–	–	6	98
13010	<i>Phylloscopus schwarzi</i> Radde's Warbler	1	–	–	–	–	1	3
13030	<i>Phylloscopus fuscatus</i> Dusky Warbler	–	–	–	–	–	–	2
13080	<i>Phylloscopus sibilatrix</i> Wood Warbler	107	113	–	–	24	244	14,883
13110	<i>Phylloscopus collybitus</i> Chiffchaff	168	217	–	–	6	391	10,568
13120	<i>Phylloscopus trochilus</i> Willow Warbler	949	392	8	–	50	1,399	150,222
13140	<i>Regulus regulus</i> Goldcrest	10,436	3,214	–	–	102	13,752	352,446
13150	<i>Regulus ignicapillus</i> Firecrest	–	2	–	–	–	2	66

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
13350	<i>Muscicapa striata</i> Spotted Flycatcher	54	103	6	–	24	187	9,482
13430	<i>Ficedula parva</i> Red-breasted Flycatcher	2	9	–	–	7	18	1,134
13480	<i>Ficedula albicollis</i> Collared Flycatcher	1	–	–	–	1	2	22
13490	<i>Ficedula hypoleuca</i> Pied Flycatcher	82	179	442	82	13	798	24,984
13640	<i>Panurus biarmicus</i> Bearded Tit	–	1	–	–	–	1	410
14370	<i>Aegithalos caudatus</i> Long-tailed Tit	3,384	1,620	–	–	–	5,004	52,148
14400	<i>Parus palustris</i> Marsh Tit	10	19	41	2	30	102	1,929
14420	<i>Parus montanus</i> Willow Tit	8	–	–	–	2	10	2,197
14540	<i>Parus cristatus</i> Crested Tit	7	–	–	–	1	8	712
14610	<i>Parus ater</i> Coal Tit	124	1	109	12	3	249	54,592
14620	<i>Parus caeruleus</i> Blue Tit	735	290	229	33	85	1,372	84,870
14640	<i>Parus major</i> Great Tit	4,013	641	917	67	62	5,700	211,774
14790	<i>Sitta europaea</i> Nuthatch	1	4	–	1	9	15	332
14860	<i>Certhia familiaris</i> Treetreeper	38	199	–	–	21	258	5,985
14870	<i>Certhia brachydactyla</i> Short-toed Treetreeper	1	1	–	–	–	2	16
14900	<i>Remiz pendulinus</i> Penduline Tit	–	37	–	–	49	86	1,023
15080	<i>Oriolus oriolus</i> Golden Oriole	2	–	–	–	–	2	283
15150	<i>Lanius collurio</i> Red-backed Shrike	46	15	11	–	2	74	3,174
15200	<i>Lanius excubitor</i> Great Grey Shrike	–	–	–	–	–	–	111

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
15390	<i>Garrulus glandarius</i> Jay	92	3	–	–	–	95	6,238
15490	<i>Pica pica</i> Magpie	–	1	–	–	–	1	83
15570	<i>Nucifraga caryocatactes</i> Nutcracker	–	–	–	–	–	–	457
15600	<i>Corvus monedula</i> Jackdaw	1	–	–	–	–	1	77
15630	<i>Corvus frugilegus</i> Rook	–	–	–	–	–	–	60
15672	<i>Corvus corone cornix</i> Hooded Crow	1	–	–	–	1	2	70
15720	<i>Corvus corax</i> Raven	–	–	–	–	–	–	4
15820	<i>Sturnus vulgaris</i> Starling	1,148	95	–	–	5	1,248	102,828
15910	<i>Passer domesticus</i> House Sparrow	–	2	–	–	20	22	734
15980	<i>Passer montanus</i> Tree Sparrow	2	–	–	–	–	2	227
16360	<i>Fringilla coelebs</i> Chaffinch	9,522	426	100	–	279	10,327	722,855
16380	<i>Fringilla montifringilla</i> Brambling	458	16	–	–	7	481	71,274
16400	<i>Serinus serinus</i> Serin	10	–	–	–	–	10	419
16490	<i>Carduelis chloris</i> Greenfinch	47	2	2	–	1	52	7,342
16530	<i>Carduelis carduelis</i> Goldfinch	27	4	–	–	–	31	2,998
16540	<i>Carduelis spinus</i> Siskin	2,305	57	–	–	180	2,542	206,152
16600	<i>Carduelis cannabina</i> Linnet	6	–	–	–	–	6	1,607
16620	<i>Carduelis flavirostris</i> Twite	–	–	–	–	–	–	32
16630	<i>Carduelis flammea</i> Redpoll	360	109	–	–	2	471	13,027

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
16640	<i>Carduelis homemanni</i> Arctic Redpoll	–	–	–	–	–	–	18
16650	<i>Loxia leucoptera</i> Two-barred Crossbill	–	–	–	–	1	1	17
16660	<i>Loxia curvirostra</i> Crossbill	27	–	–	–	461	488	11,987
16680	<i>Loxia pytyopsittacus</i> Parrot Crossbill	–	–	–	–	–	–	7
16790	<i>Carpodacus</i> <i>erythrinus</i> Scarlet Rosefinch	38	56	26	–	11	131	6,566
16990	<i>Pinicola enucleator</i> Pine Grosbeak	–	–	–	–	–	–	1
17100	<i>Pyrrhula pyrrhula</i> Bullfinch	359	126	–	–	2	487	13,634
17170	<i>Coccothraustes</i> <i>coccothraustes</i> Hawfinch	15	16	–	–	17	48	1,556
18470	<i>Calcarius lapponicus</i> Lapland Bunting	–	–	–	–	–	–	3
18500	<i>Plectrophenax</i> <i>nivalis</i> Snow Bunting	–	–	–	–	–	–	1
18570	<i>Emberiza citrinella</i> Yellowhammer	60	–	–	–	8	68	4,521
18660	<i>Emberiza hortulana</i> Ortolan Bunting	–	–	–	–	–	–	515
18730	<i>Emberiza rustica</i> Rustic Bunting	–	–	–	–	–	–	10
18740	<i>Emberiza pusilla</i> Little Bunting	1	–	–	–	–	1	10
18770	<i>Emberiza schoeniclus</i> Reed Bunting	6	42	–	–	6	54	2,368
18810	<i>Emberiza</i> <i>melanocephala</i> Black-headed Bunting	–	–	–	–	–	–	1
18820	<i>Miliaria calandra</i> Corn Bunting	–	–	–	–	–	–	8

Table 1. Continued

EURING code	Species*	Rybachy- type traps ("Fringilla")	Mist- nets ("Ryba- chy")	Nests		Other research projects and methods	Total ringed in 2005	Grand total 1956-2005
				Nest- lings	Adults			
	Total birds	38,949	12,333	2,600	278	2,182	56,342	2,598,552
	Total species	94	72	25	8	65	110	197

Note: \* – English common names follow Jonsson (1992).

In 2005, 2,600 pulli of 25 species and 278 adults of 8 species were ringed at the nest (Tab. 1). Adults were trapped at the nest (nest-box) using various techniques, incl. mist nets, walloper (butterfly-type net), semi-automatic traps, etc. Near pools at "Fringilla" 1,596 birds of 53 species were mist-netted and ringed. As many as 2,548 birds of 63 species produced retraps and controls.

Overall, a total of 56,342 birds of 110 species were trapped and ringed by the Biological Station "Rybachy" in the framework of long-term and short-term research projects. A more detailed account of ringing results is presented in Tab. 1. Apart from the EURING code, scientific and English names of a species, the following information is given: (1) trapping figures at "Fringilla" field site by Rybachy-type traps; (2) trapping figures at "Rybachy" field site in a joint Russian-German research project; (3) the number of pulli and adults ringed at nests; (4) the number of birds trapped by other methods in different research projects (incl. a small number of birds captured and ringed incidentally); (5) overall ringing figures for 2005. Additionally, the grand ringing totals for 1956-2005 are presented for each species. At present, the ringing database of Biological Station Rybachy is being revised and so future corrections for same species are possible.

Numbers of retraps and controls at the place of ringing are presented in first three columns of Tab. 2. A total of 1,777 individuals of 55 species ringed in 2005 produced 2,746 retraps. In addition, 469 controls (36 species) were obtained from birds ringed in previous years.

## 2. List of long-distance recoveries reported in 2005

The number of recoveries for each species is presented in Tab. 2 (columns 4 and 5). The lists include: birds ringed by the station on the Courish Spit and subsequently recovered more than 20km from the ringing site (section 2.1); controls of birds ringed outside the Russian part of the Courish Spit (section 2.2). Here the list of controls for which the ringing information is still not available is also included (section 2.3).

In sections 2.1 and 2.2, we present all recoveries that were reported to the station between 15.03.2005 and 15.03.2006. The sequence of species follows EURING (1979).

Table 2. Retraps, controls, and recoveries of birds.

EURING code	Species	Retraps of birds ringed in 2005		Controls of birds ringed earlier than 2005	Recoveries of our birds outside the Courish Spit	Recoveries of birds ringed outside the Courish Spit
		birds	retraps			
02690	<i>Accipiter nisus</i> Sparrowhawk	–	–	–	1	2
05290	<i>Scolopax rusticola</i> Woodcock	–	–	–	1	–
05560	<i>Actitis hypoleucos</i> Common Sandpiper	–	–	–	1	–
05920	<i>Larus argentatus</i> Herring Gull	–	–	–	–	1
07700	<i>Aegolius funereus</i> Tengmalm's Owl	–	–	1	–	–
08760	<i>Dendrocopos major</i> Great Spotted Woodpecker	4	5	–	–	–
08870	<i>Dendrocopos minor</i> Lesser Spotted Woodpecker	5	8	3	–	–
09760	<i>Alauda arvensis</i> Skylark	–	–	1	–	–
09920	<i>Hirundo rustica</i> Swallow	17	21	11	2	2
10010	<i>Delichon urbica</i> House Martin	2	2	–	–	1
10050	<i>Anthus campestris</i> Tawny Pipit	–	–	4	–	–
10090	<i>Anthus trivialis</i> Tree Pipit	5	9	3	–	–
10200	<i>Motacilla alba</i> Pied Wagtail	37	50	12	1	1
10660	<i>Troglodytes troglodytes</i> Wren	23	32	–	–	–
10840	<i>Prunella modularis</i> Dunnock	3	4	–	–	1
10990	<i>Erithacus rubecula</i> Robin	142	207	2	2	4
11030	<i>Luscinia luscinia</i> Thrush Nightingale	13	21	3	–	–
11060	<i>Luscinia svecica</i> Bluethroat	1	1	–	–	–
11220	<i>Phoenicurus phoenicurus</i> Redstart	15	18	–	–	–
11870	<i>Turdus merula</i> Blackbird	23	27	1	–	–

Table 2. Continued

EURING code	Species	Retraps of birds ringed in 2005		Controls of birds ringed earlier than 2005	Recoveries of our birds outside the Courish Spit	Recoveries of birds ringed outside the Courish Spit
		birds	retraps			
11980	<i>Turdus pilaris</i> Fieldfare	–	–	–	2	–
12000	<i>Turdus philomelos</i> Song Thrush	4	5	–	4	–
12370	<i>Locustella fluviatilis</i> River Warbler	1	1	–	–	–
12430	<i>Acrocephalus schoenobaenus</i> Sedge Warbler	20	28	1	1	1
12500	<i>Acrocephalus palustris</i> Marsh Warbler	59	86	5	–	1
12510	<i>Acrocephalus scirpaceus</i> Reed Warbler	97	173	46	5	5
12530	<i>Acrocephalus arundinaceus</i> Great Reed Warbler	26	47	8	–	–
12590	<i>Hippolais icterina</i> Icterine Warbler	29	37	12	–	–
12740	<i>Sylvia curruca</i> Lesser Whitethroat	51	78	11	2	–
12750	<i>Sylvia communis</i> Whitethroat	21	37	3	–	–
12760	<i>Sylvia borin</i> Garden Warbler	21	24	–	–	–
12770	<i>Sylvia atricapilla</i> Blackcap	123	184	14	–	1
13080	<i>Phylloscopus sibilatrix</i> Wood Warbler	6	6	1	–	–
13110	<i>Phylloscopus collybitus</i> Chiffchaff	25	27	4	–	–
13120	<i>Phylloscopus trochilus</i> Willow Warbler	173	319	83	5	–
13140	<i>Regulus regulus</i> Goldcrest	93	124	–	4	5
13150	<i>Regulus ignicapillus</i> Firecrest	1	1	–	–	–
13350	<i>Muscicapa striata</i> Spotted Flycatcher	8	13	3	–	–
13430	<i>Ficedula parva</i> Red-breasted Flycatcher	1	2	–	–	–
13480	<i>Ficedula albicollis</i> Collared Flycatcher	–	–	–	–	1



Table 2. Continued

EURING code	Species	Retraps of birds ringed in 2005		Controls of birds ringed earlier than 2005	Recoveries of our birds outside the Courish Spit	Recoveries of birds ringed outside the Courish Spit
		birds	retraps			
13490	<i>Ficedula hypoleuca</i> Pied Flycatcher	19	23	12	1	–
14370	<i>Aegithalos caudatus</i> Long-tailed Tit	169	192	1	10	124
14400	<i>Parus palustris</i> Marsh Tit	15	42	5	–	–
14420	<i>Parus montanus</i> Willow Tit	1	2	1	–	–
14540	<i>Parus cristatus</i> Crested Tit	2	6	1	–	–
14610	<i>Parus ater</i> Coal Tit	1	1	–	–	–
14620	<i>Parus caeruleus</i> Blue Tit	84	155	10	8	12
14640	<i>Parus major</i> Great Tit	186	297	18	26	24
14790	<i>Sitta europaea</i> Nuthatch	3	5	–	–	–
14860	<i>Certhia familiaris</i> Treecreeper	30	46	1	1	–
14870	<i>Certhia brachydactyla</i> Short-toed Treecreeper	–	–	–	–	1
14900	<i>Remiz pendulinus</i> Penduline Tit	17	22	–	–	1
15150	<i>Lanius collurio</i> Red-backed Shrike	9	11	–	1	–
15630	<i>Corvus frugilegus</i> Rook	–	–	–	–	2
15820	<i>Sturnus vulgaris</i> Starling	7	7	1	14	7
15910	<i>Passer domesticus</i> House Sparrow	–	–	1	–	–
16360	<i>Fringilla coelebs</i> Chaffinch	124	245	168	9	–
16380	<i>Fringilla montifringilla</i> Brambling	1	5	–	–	–

Table 2. Continued

EURING code	Species	Retraps of birds ringed in 2005		Controls of birds ringed earlier than 2005	Recoveries of our birds outside the Courish Spit	Recoveries of birds ringed outside the Courish Spit
		birds	retraps			
16490	<i>Carduelis chloris</i> Greenfinch	–	–	–	–	1
16530	<i>Carduelis carduelis</i> Goldfinch	2	3	–	–	–
16540	<i>Carduelis spinus</i> Siskin	6	6	–	8	5
16630	<i>Carduelis flammea</i> Redpoll	5	5	–	1	1-
16660	<i>Loxia curvirostra</i> Crossbill	5	6	–	–	–
16790	<i>Carpodacus erythrinus</i> Scarlet Rosefinch	9	18	8	–	1
17100	<i>Pyrhula pyrrhula</i> Bullfinch	15	17	–	–	–
17170	<i>Coccothraustes coccothraustes</i> Hawfinch	2	2	–	–	–
18570	<i>Emberiza citrinella</i> Yellowhammer	2	3	3	–	–
18770	<i>Emberiza schoeniclus</i> Reed Bunting	14	30	7	–	–
	Total birds	1,777	2,746	469	110	207
	Total species	55	55	36	25	23

### 2.1. 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.

Explanation of line contents.

Every individual has data on two lines: on the upper one are ringing information (ring No, ringing date, sex, age [see below], ringing place with coordinates). If a bird was retrapped at the site of ringing, place and date of the last retrap are given in brackets. The sign “–” before the ring number showed that there is no series letter. In this and previous reports (Bolshakov et al. 1999, 2000, 2002a, 2002b, 2003, 2004, 2005) rings with series “C”, “E”, “M”, “O”, “P”, “R”, “S”, “FS”, “KS”, “MB”, “N”, “PB”, “RZ”, “VD”, “VS”, “VT”, “TA”, “XA”, “XB”, “XC”, “XD”, “XF”, “XK”, “XL”, “XS”, “XT” and “XY” bear the inscription “Moskwa”, series “K”, “V” and “AX” bear the inscription “Russia, Petersburg”.

On the lower line, recovery information (recovery date; sex; age; place of recovery – country, province, nearest site; 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 (North – 0°, East – 90°). 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 place of ringing, the latest retrap was used for calculating the time elapsed. If a ring was added, ringing scheme and new ring no. 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

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 15.03.2005 and 15.03.2006, we received from the national Ringing Centre information on 110 recoveries of birds of 23 species, ringed on the Courish Spit (see list of recoveris reported in 2005).

## 2.2. Controls of birds ringed outside the Courish Spit

In 2005 the station controlled a total of 207 birds of 24 species ringed outside the Courish Spit. The line structure is the same: after the ring number, we give the ringing scheme (see list of controls of birds ringed outside the Courish Spit). For 4 birds of 2 species ringed outside the Courish Spit and controlled by the Biological Station “Rybachy” in 2005, ringing information is still not available from the national Ringing Centre (see data with ringing information still not available).

## 3. Participants

The following members of the Biological Station, students, colleagues and amateur bird ringers participated in bird trapping and ringing in 2005 (listed by alphabetical order):

V. Bulyuk, N. Chernetsov, O. Campbell, V. Grinkevich, D. Kishkinev, V. Kosarev, P. Ktitorov, D. Leoke, F.Litvinov, M. Markovets, M. Matantseva, A. Mukhin, M. Paranicheva, A. Schapoval, S. Simonov, A. Sinelschikova, L. Sokolov, N. Sosedova, E. Tronikova, A. Tsvey, V. Yefremov, N. Zelenova.

## 2.1. Long-distance recoveries of birds ringed on the Courish Spit.

<b>02690. Accipiter nisus, Sparrowhawk (1)</b>									
M 758144	01.04.2005	F	6	Russia, Fringilla	55.05N, 20.44E				
	13.10.2005	F	6	Sweden, Blekinge, Utklippan	55.57N, 15.42E	( ) 7001843	195 days, 331 km, 287°		Stockholm
<b>05290. Scolopax rusticola, Woodcock (1)</b>									
M 754897	15.10.2002	I	4	Russia, Fringilla	55.05N, 20.44E				
	(03.06.2005)			Russia, Vologda, Tcherepovets	59.08N, 37.54E	+	962 days, 1129 km, 66°		
<b>05560 Acetitis hypoleucos, Common Sandpiper (1)</b>									
TA 18474	15.08.2005	I	3	Russia, Rybachy	55.09N, 20.51E				
	27.08.2005			Russia, Kaliningrad, Guryevsk, Kashirskoe	54.54N, 20.44E	+	12 days, 29 km, 195°		
<b>09920. Hirundo rustica, Swallow (2)</b>									
O 009774	17.08.1981	I	3	Russia, Fringilla	55.05N, 20.44E				
	18.05.1982	I	4	Lithuania, Klaipeda	55.43N, 21.06E	x	274 days, 74 km, 18°		
VD 47298	19.07.2005	I	3	Russia, Fringilla	55.05N, 20.44E				
	23.08.2005	I	3	Lithuania, Silute, Ventes Ragas	55.21N, 21.13E	V	35 days, 43 km, 46°		
<b>10200. Motacilla alba, White Wagtail (1)</b>									
XY 04589	02.07.2005	I	3	Russia, Fringilla	55.05N, 20.44E				
	24.08.2005	I	3	Lithuania, Silute, Ventes Ragas	55.21N, 21.13E	V	53 days, 43 km, 46°		
<b>10990. Erithacus rubecula, Robin (2)</b>									
XF 61435	09.10.2004	I	3	Russia, Rybachy	55.09N, 20.51E				
	27.08.2005			Germany, Hessen, Bingenheim	50.22N, 8.53E	C?	322 days, 964 km, 237°		
XL 55293	12.04.2004	I	5	Russia, Rybachy	55.09N, 20.51E				
	06.11.2004			France, Bouches-du-Rhone, Cassis	43.13N, 5.32 E	x	208 days, 1731 km, 220°		
<b>11220. Phoenicurus phoenicurus, Redstart (1)</b>									
XF 55534	27.09.2004	F	3	Russia, Fringilla	55.05N, 20.44E				
	02.11.2004			France, Aquitaine, Alcaay-Alcabehty-Sunharette	43.05N, 0.54W	x	36 days, 2063 km, 230°		

<b>11870. Turdus merula, Blackbird (1)</b>									
P 972463	29.10.2003	3	Russia, Rybachy	55.09N, 20.51E					00 days, 251 km, 256°
	01.12.2003- 29.02.2004	3	Poland, Koszalin, Objazda, Ustka	54.36N, 17.02E	x				
<b>11980. Turdus pilaris, Fieldfare (2)</b>									
P 972765	24.09.2003	M 3	Russia, Rybachy	55.09N, 20.51E					539 days, 704 km, 217°
	16.03.2005		Czech Republic, Prague, Hloubetin	50.06N, 14.32E	+				
TA 17525	31.10.2003	F 4	Russia, Rybachy	55.09N, 20.51E					441 days, 1779 km, 227°
	14.01.2005	F 6	France, Aveyron, Canet-de-Salars	44.14N, 2.45E	+				
<b>12000. Turdus philomelos, Song Thrush (4)</b>									
TA 06223	08.04.2003	I 5	Russia, Rybachy	55.09N, 20.51E					970 days, 2709 km, 226°
	03.12.2005		Spain, Cordoba, Pozoblanco	38.15N, 4.47W	+				
TA 17328	27.09.2003	I 3	Russia, Rybachy	55.09N, 20.51					861 days, 1739 km, 221°
	04.02.2006		France, Bouches-du-Rhone, Fos-sur-Mer	43.26N, 4.56E	+				
TA 17339	30.09.2003	I 3	Russia, Rybachy	55.09N, 20.51E					775 days, 2188 km, 218°
	13.11.2005		Spain, Mallorca, Binisafua	39.41N, 2.50E	+				
TA 18116	02.10.2003	I 3	Russia, Rybachy	55.09N, 20.51E					761 days, 1945 km, 223°
	01.11.2005		Spain, Gerona, Terrades	42.18N, 2.50E	+				
<b>12430. Acrocephalus schoenobaenus, Sedge Warbler (1)</b>									
XY 10919	30.07.2005	I 3	Russia, Rybachy	55.09N, 20.51E					12 days, 935 km, 186°
	11.08.2005	I 3	Hungary, Bacs-Kiskun, Izsak	46.47N, 19.21E	V				
<b>12510. Acrocephalus scirpaceus, Reed Warbler (5)</b>									
XF 33212	12.08.2004	I 3	Russia, Fringilla	55.05N, 20.44E					283 days, 43 km, 46°
	22.05.2005	M 4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V				
XL 56845	14.07.2004	I 1	Russia, Kaliningrad, Courush Spit	55.03N, 20.41E					319 days, 59 km, 28°
	29.05.2005	M 5	Lithuania, Juodkrante	55.31N, 21.07E	V				

XL 56906	16.07.2004	I	3	Russia, Rybachy	55.09N, 20.51E			61 days, 1143 km, 245°	
	15.09.2004	I	3	Belgium, Limburg, Alken	50.52N, 5.18E	x			
XL 97984	30.08.2004	I	3	Russia, Rybachy	55.09N, 20.51E	V		289 days, 439 km, 336°	
	15.06.2005			Sweden, Södermanlands, Bredmar/byn, Landsort	58.45N, 17.52E				
XY08730	20.06.2005	I	1	Russia, Kaliningrad, Courish Spit	55.03N, 20.40E	V		71 days, 2176 km, 231°	
	30.08.2005			Spain, Alava, Vittoria, Salburua-Betono	42.54N, 2.44W				
<b>12740. Sylvia curruca, Lesser Whitethroat (2)</b>									
O 007506	14.07.1981	I	3	Russia, Fringilla	55.05N, 20.44E			312 days, 43 km, 46°	
	22.05.1982	I	5	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V			
XT 61256	30.04.2001	I	4	Russia, Rybachy	55.09N, 20.51E	V		1467 days, 302 km, 293°	
	06.05.2005	I	6	Sweden, Öland, Ottenby	56.12N, 16.24E				
<b>13120. Phylloscopus trochilus, Willow Warbler (5)</b>									
VD 08473	23.07.2004	M	3	Russia, Fringilla	55.05N, 20.44E			290 days, 43 km, 46°	
	09.05.2005	M	5	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	V			
VD 09120	18.08.2004	F	3	Russia, Fringilla	55.05N, 20.44E			284 days, 582 km, 22°	
	29.05.2005	F	54	Finland, Uusimaa, Kirkkonummi, Rönnskär	59.56N, 24.24E	V			
VD 22306	11.05.2005	I	4	Russia, Rybachy	55.09N, 20.51E	V		1 day, 302 km, 293°	
	12.05.2005	I	4	Sweden, Öland, Ottenby	56.12N, 16.24E				
VT 80905	17.09.2002	I	3	Russia, Rybachy	55.09N, 20.51E	V		617 days, 1093 km, 11°	
	27.05.2004	F	4	Finland, Oulu, Siikajoki, Tauvo	64.48N, 24.38E				
XA 966229	13.09.1980	I	3	Russia, Fringilla	55.05N, 20.44E			330 days, 46 km, 27°	
	09.08.1981			Lithuania, Neringa	55.27N, 21.04E	( ) 40C23 Kaunas			
<b>13140. Regulus regulus, Goldcrest (4)</b>									
VD 48648	25.09.2005	F	3	Russia, Fringilla	55.05N, 20.44E	V		16 days, 1361 km, 225°	
	11.10.2005	F		Switzerland, Vaud, Col de Jaman	46.27N, 6.59E				
VD 74073	17.10.2005	M	3	Russia, Rybachy	55.09N, 20.51E	V		2 days, 44 km, 22°	
	19.10.2005	M	3	Lithuania, Neringa, Juodkrante	55.31N, 21.07E				

VT 90296	12.10.2003	M	3	Russia, Fringilla	55.05N, 20.44E			
	10.10.2005	M	6	Poland, Gdansk, Mierzeja Wislana	54.21N, 19.19E	V	729 days, 122 km, 228°	
VT 94178	16.10.2004	F	3	Russia, Fringilla	55.05N, 20.44E	V	174 days, 149 km, 256°	
	08.04.2005	F	5	Poland, Gdansk, Hel	54.46N, 18.28E	V		
<b>13490. <i>Ficedula hypoleuca</i>, Pied Flycatcher (1)</b>								
VT 10508	27.04.2001	M	6	Russia, Fringilla	55.05N, 20.44E			
	15.06.2005			Lithuania, Šakiai, Voniskiai	55.05N, 23.05E	& XA14460 Kaunas	1510 days, 149 km, 90°	
<b>14370. <i>Aegithalos caudatus</i>, Long-tailed Tit (10)</b>								
VD 26948	30.09.2005	I	2	Russia, Fringilla	55.05N, 20.44E			
	13.11.2005	I	2	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E	V	44 days, 285 km, 256°	
VD 27019	30.09.2005	I	3	Russia, Fringilla	55.05N, 20.44E			
	03.10.2005	I	3	Poland, Gdansk, Mierzeja Wislana	54.21N, 19.19E	V	3 days, 122 km, 228°	
VD 27985	03.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E			
	05.10.2005	I	2	Poland, Olsztyn, Zolwiniac Markusy	54.05N, 19.27E	V	2 days, 138 km, 217°	
VD 54241	08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E			
	20.10.2005	I	2	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E	V	12 days, 285 km, 256°	
VD 55559	09.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E			
	23.10.2005	I	2	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E	V	14 days, 285 km, 256°	
VD 62861	10.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E			
	15.10.2005	I	2	Poland, Gdansk, Mierzeja Wislana*	54.21N, 19.19E	V	5 days, 122 km, 228°	
VD 64153	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E			
	23.10.2005	I	2	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E	V	12 days, 285 km, 256°	
VD 65092	12.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E			
	24.10.2005	I	2	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E	V	12 days, 285 km, 256°	
VD 71428	14.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E			
	27.10.2005	I	2	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E	V	13 days, 285 km, 256°	
VD 74085	17.10.2005	I	3	Russia, Rybachy	55.09N, 20.51E	V		
	07.11.2005	I	2	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E	V	21 days, 294 km, 255°	
<b>14620. <i>Parus caeruleus</i>, Blue Tit (8)</b>								
O 000227	01.04.1981	F	6	Russia, Fringilla	55.05N, 20.44E			
	06.10.1981	F	6	Lithuania, Šilutė, Ventės Ragas	55.21N, 21.13E	V	188 days, 43 km, 46°	



O 064966	10.06.1982 20.09.1982	I I	1 3	Russia, Kaliningrad, Courish Spit Lithuania, Neringa	55.09N, 20.49E 55.27N, 21.04E	& P7116 Kaunas	102 days, 37 km, 25°	
V 046364	24.09.2003 15.10.2003	M	3	Russia, Fringilla Netherlands, Groningen, Lauwersoog	55.05N, 20.44E 53.24N, 6.13E	V	21 days, 961 km, 259°	
V 046365	24.09.2003 18.02.2004	F	3	Russia, Fringilla Netherlands, Limburg, Tegelen	55.05N, 20.44E 51.20N, 6.08E	V	147 days, 1057 km, 247°	
XB 025623	24.10.1980 15.08.1981	M M	3 4	Russia, Fringilla Lithuania, Neringa, Juodkrante	55.05N, 20.44E 55.33N, 21.07E	+	295 days, 57 km, 25°	
XF 54940	25.09.2004 01.11.2004	F I	3 3	Russia, Fringilla Germany, Schleswig-Holstein, Silzen	55.05N, 20.44E 54.01N, 9.40E	( ) U175329 Hiddensee	37 days, 723 km, 261°	
XY 08054	07.06.2005 05.09.2005	I F	1 3	Russia, Kaliningrad, Courish Spit Lithuania, Neringa, Juodkrante	55.09N, 20.49E 55.31N, 21.07E	V	90 days, 45 km, 25°	
XY 22946	29.09.2005 07.10.2005	M M	3 3	Russia, Fringilla Poland, Szczecin, Darlovo, Slawno	55.05N, 20.44E 54.25N, 16.23E	+T	8 days, 289 km, 255°	
<b>14640. Parus major, Great Tit (26)</b>								
AX 009665	30.09.2002 28.03.2005	M	3	Russia, Fringilla Germany, Mecklenburg-Vorpommern, Rostock	55.05N, 20.44E 54.05N, 12.08E	x	910 days, 565 km, 259°	
AX 015404	10.10.2002 05.04.2004	F F	3 6	Russia, Fringilla Germany, Greifswalder Oie	55.05N, 20.44E 54.15N, 13.55E	V	543 days, 448 km, 258°	
AX 019107	29.09.2003 25.11.2004	M	3	Russia, Fringilla Latvia, Cesis, Vaives	55.05N, 20.44E 57.15N, 25.22E	+K	423 days, 374 km, 50°	
O 024342	28.09.1981 04.10.1982	M M	3 4	Russia, Fringilla Lithuania, Neringa	55.05N, 20.44E 55.27N, 21.04E	& 83K62 Kaunas	371 days, 46 km, 27°	
O 961074	24.09.2003 29.03.2005	F F	3 6	Russia, Fringilla Poland, Gdansk, Hel	55.05N, 20.44E 54.46N, 18.28E	( ) Gdansk KZ. 51766	552 days, 149 km, 256°	
O 961212	24.09.2003 14.10.2005	F F	3 4	Russia, Fringilla Lithuania, Šilute, Ventes Ragas	55.05N, 20.44E 55.21N, 21.13E	V	751 days, 43 km, 46°	

S 975736	05.10.1980	M	3	Russia, Fringilla	55.05N, 20.44E	V	762 days, 103 km, 47°
	06.11.1982	M	4	Lithuania, Plunges, Rietavas	55.43N, 21.56E		
XF 02014	02.10.2001	F	4	Russia, Fringilla	55.05N, 20.44E	( ) Gdansk	1275 days, 149 km, 256°
	30.03.2005	F	6	Poland, Gdansk, Hel	54.46N, 18.28E	KZ 51844	
XF 57846	14.10.2004	M	3	Russia, Fringilla	55.05N, 20.44E	V	59 days, 157 km, 239°
	12.12.2004	F	3	Poland, Gdansk, Gdansk-Stodmiescie	54.21N, 18.39E		
XF 63034	29.03.2005	F	5	Russia, Fringilla	55.05N, 20.44E	V	196 days, 46 km, 27°
	11.10.2005	F	4	Lithuania, Neringa	55.27N, 21.04E		
XF 65130	28.03.2005	F	5	Russia, Rybachy	55.09N, 20.51E	V	1 day, 44 km, 22°
	29.03.2005	F	5	Lithuania, Neringa, Juodkrante	55.31N, 21.07E		
XK 86382	27.03.2005	F	5	Russia, Rybachy	55.09N, 20.51E	V	4 days, 32 km, 46°
	31.03.2005	F	5	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E		
XL 37784	12.10.2003	F	3	Russia, Fringilla	55.05N, 20.44E	V	168 days, 43 km, 46°
	28.03.2004	F	5	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E		
XL 57960	26.04.2004	F	5	Russia, Fringilla	55.05N, 20.44E	V	530 days, 46 km, 27°
	08.10.2005	F	4	Lithuania, Neringa	55.27N, 21.04E		
XY 17619	20.09.2005	M	3	Russia, Fringilla	55.05N, 20.44E	V	18 days, 960 km, 259°
	08.10.2005	M	3	Netherlands, Schiermonnikoog	53.29N, 6.11E		
XY 18345	24.09.2005	F	3	Russia, Fringilla	55.05N, 20.44E	V	2 days, 122 km, 228°
	26.09.2005	F	3	Poland, Gdansk, Mierzeja Wislana	54.21N, 19.19E		
XY 20564	26.09.2005	M	3	Russia, Fringilla	55.05N, 20.44E	V	19 days, 1248 km, 249°
	15.10.2005	M	3	Belgium, West-Vlaanderen, Wingene	51.04N, 3.16E		
XY 20672	26.09.2005	F	3	Russia, Fringilla	55.05N, 20.44E	V	20 days, 1146 km, 247°
	16.10.2005	F	3	Belgium, Brabant, Zichem	51.00N, 4.59E		
XY 20945	26.09.2005	F	3	Russia, Fringilla	55.05N, 20.44E	V	17 days, 1070 km, 254°
	13.10.2005	F	3	Netherlands, Almere, IJmeerdiijk	52.21N, 5.08E		
XY 21643	28.09.2005	M	3	Russia, Fringilla	55.05N, 20.44E	xG	21 days, 942 km, 257°
	19.10.2005	M	3	Netherlands, Groningen, Onnen	53.09N, 6.39E		

XY 23263	29.09.2005	M	3	Russia, Fringilla	55.05N, 20.44E			
	10.10.2005	M	3	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E	V	11 days, 285 km, 256°	
XY 24570	04.10.2005	F	3	Russia, Fringilla	55.05N, 20.44E	V	34 days, 950 km, 257°	
	07.11.2005			Netherlands, Groningen, Hoogerkerk	53.12N, 6.30E			
XY 25246	08.10.2005	F	3	Russia, Fringilla	55.05N, 20.44E	V	3 days, 122 km, 228°	
	11.10.2005	F	3	Poland, Gdansk, Mierzeja Wislana	54.21N, 19.19E			
XY 25248	08.10.2005	F	3	Russia, Fringilla	55.05N, 20.44E	V	37 days, 835 km, 258°	
	14.11.2005	F	4	Germany, Niedersachsen, Wilhelmshaven-Rusterseil	53.34N, 8.07E			
XY 26490	13.10.2005	F	3	Russia, Fringilla	55.05N, 20.44E	V	35 days, 102 km, 225°	
	17.11.2005	F	3	Poland, Gdansk, Krynica Morska	54.26N, 19.37E			
XY 27259	24.10.2005	M	4	Russia, Fringilla	55.05N, 20.44E	V	8 days, 285 km, 256°	
	01.11.2005	M	3	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E			
<b>14860. Certhia familiaris, Treecreeper (1)</b>								
VD 47403	22.07.2005	I	3	Russia, Fringilla	55.05N, 20.44E	V	51 days, 54 km, 27°	
	11.09.2005			Lithuania, Neringa, Juodkrante	55.31N, 21.07E			
<b>15150. Lanius collurio, Red-backed Shrike (1)</b>								
XD 395342	12.08.2004	I	3	Russia, Rybachy	55.09N, 20.51E	V	340 days, 32 km, 46°	
	18.07.2005			Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
<b>15820. Sturnus vulgaris, Starling (14)</b>								
- 047339	17.07.1982	F	3	Russia, Fringilla	55.05N, 20.44E		21 days, 43 km, 46°	
	07.08.1982	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& T024934 Kaunas		
- 047723	17.07.1982	M	3	Russia, Fringilla	55.05N, 20.44E		17 days, 43 km, 46°	
	03.08.1982	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& T021685 Kaunas		
- 048161	18.07.1982	F	3	Russia, Fringilla	55.05N, 20.44E		10 days, 43 km, 46°	
	28.07.1982	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& T020713 Kaunas		

- 048581	18.07.1982	M	3	Russia, Fringilla	55.05N, 20.44E	V	19 days, 43 km, 46°
	06.08.1982	I	3	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E	V	
- 681702	07.07.1981	M	3	Russia, Fringilla	55.05N, 20.44E	xG	288 days, 80 km, 32°
	21.04.1982			Lithuania, Klaipėda, Gargzdai	55.42N, 21.24E		
K 005503	17.07.2002	M	3	Russia, Rybachy	55.09N, 20.51E	+	455 days, 1278 km, 250°
	15.10.2003			Belgium, West-Vlaanderen, Middelkerke	51.11N, 2.50E		
TA 01444	21.06.2001	F	3	Russia, Fringilla	55.05N, 20.44E	V	1364 days, 43 km, 46°
	16.03.2005	F	4	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E	V	
TA 19001	21.06.2005	M	3	Russia, Fringilla	55.05N, 20.44E	+K	34 days, 169 km, 237°
	27.07.2005			Poland, Gdansk, Bielkowo, Kolbudy	54.16N, 18.31E		
TA 19189	21.06.2005	M	3	Russia, Fringilla	55.05N, 20.44E	V	12 days, 43 km, 46°
	03.07.2005	M	3	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E	V	
TA 19257	21.06.2005	F	3	Russia, Fringilla	55.05N, 20.44E	+	111 days, 1396 km, 247°
	10.10.2005			France, Somme, Baie de Somme	50.13N, 1.38E		
TA 19604	02.07.2005	F	3	Russia, Fringilla	55.05N, 20.44E	V	3 days, 43 km, 46°
	05.07.2005	F	3	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E	V	
TA 19789	02.07.2005	M	3	Russia, Fringilla	55.05N, 20.44E	V	8 days, 43 km, 46°
	10.07.2005	I	3	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E	V	
TA 20089	19.07.2005	M	3	Russia, Fringilla	55.05N, 20.44E	+	145 days, 1381 km, 248°
	11.12.2005			France, Pas-de-Calais, St. Josse sur Mer	50.28N, 1.39E		
TA 20095	19.07.2005	M	3	Russia, Fringilla	55.05N, 20.44E	+	104 days, 1311 km, 249°
	31.10.2005			France, Nord, Esquelbecq	50.53N, 2.25E		
<b>16360. Fringilla coelebs, Chaffinch (9)</b>							
O 913440	15.09.1998	F	3	Russia, Fringilla	55.05N, 20.44E	V	199 days, 1108 km, 178°
	02.04.1999			Yugoslavia, Serbia, Vojvodina, Vrsac	45.07N, 21.18E		
O 938154	26.09.1999	M	3	Russia, Fringilla	55.05N, 20.44E	xG	2093 days, 762 km, 28°
	19.06.2005			Finland, Kymi, Valkeala, Vuohijarvi	61.09N, 26.47E		

S 963311	30.08.1980 28.04.1981	M M	3 5	Russia, Fringilla Lithuania, Neringa.	55.05N, 20.44E 55.27N, 21.04E	& 32C45 Kaunas	241 days, 46 km, 27°
S 966055	21.09.1980 13.05.1981	M M	3 5	Russia, Fringilla Lithuania, Neringa	55.05N, 20.44E 55.27N, 21.04E	& 34C41 Kaunas	234 days, 46 km, 27°
XF 10312	24.10.2001 11.12.2004	F F	3 4	Russia, Fringilla Germany, Frankfurt-Berger Hang	55.05N, 20.44E 50.10N, 8.47E	V	1144 days, 974 km, 236°
XK 61026	20.09.2002 30.05.2005	F F	4 4	Russia, Fringilla Finland, Vaasa, Jyväskylä, Tourula	55.05N, 20.44E 62.14N, 25.46E	xG	983 days, 846 km, 20°
XK 80771	17.04.2003 29.05.2005	F F	5 5	Russia, Fringilla Finland, Häme, Tampere, Atala	55.05N, 20.44E 61.30N, 23.54E	x	773 days, 736 km, 14°
XL 20357	19.08.2003 27.02.2004	I F	3 3	Russia, Rybachy France, Drome, La Grande-Adhemar	55.09N, 20.51E 44.23N, 4.45E	x	192 days, 1663 km, 224°
XY 20913	26.09.2005 27.10.2005	F F	3 3	Russia, Fringilla Great Britain, Devon, Lundy Island	55.05N, 20.44E 51.10N, 4.40W	V	31 days, 1748 km, 256°
<b>16540. Carduelis spinus, Siskin (8)</b>							
XB 830174	23.10.1981 24.10.1981	M M	3 3	Russia, Fringilla Lithuania, Neringa	55.05N, 20.44E 55.27N, 21.04E	& 11K19 Kaunas	1 day, 46 km, 27°
XF 30384	15.07.2004 18.03.2005	M M	3 5	Russia, Fringilla Belgium, Liege, Sourbrodt	55.05N, 20.44E 50.29N, 6.08E	V	246 days, 1106 km, 242°
XF 32011	28.07.2004 28.02.2005	M M	3 4	Russia, Fringilla Czech Republic, Prague, Vokovice	55.05N, 20.44E 50.06N, 14.21E	V	215 days, 702 km, 218°
XF 51780	14.09.2004 04.03.2005	F F	3 5	Russia, Fringilla Czech Republic, Prague, Sudislavice	55.05N, 20.44E 49.36N, 15.02E	V	171 days, 722 km, 212°
XF 57337	12.10.2004 09.12.2005	F F	3 3	Russia, Fringilla Spain, Castellon, Gaibiel	55.05N, 20.44E 39.55N, 0.29°W	V	423 days, 2319 km, 223°
XL 11591	06.05.2003 25.02.2005	F F	5 4	Russia, Fringilla Czech Republic, Prague, Kunratice	55.05N, 20.44E 50.01N, 14.30E	V	661 days, 703 km, 217°

XL 98990	11.07.2004	M	3	Russia, Fringilla	55.05N, 20.44E			95 days, 1151 km, 242°	
	14.10.2004	M		Belgium, Luxembourg, Wirbin	50.10N, 5.43E	V			
XL 99563	14.07.2004	M	3	Russia, Fringilla	55.05N, 20.44E			60 days, 140 km, 235°	
	12.09.2004	M	3	Poland, Gdansk, Ujscie Wisly, Swibno	54.22N, 18.56E	V			
<b>16630. Carduelis flammea, Redpoll (1)</b>									
XY 09850	26.10.2005	F	3	Russia, Rybachy	55.09N, 20.51E			2 days, 133 km, 228°	
	28.10.2005	I	3	Poland, Gdansk, Mierzeja Wislana	54.21N, 19.19E	V			
<b>2.2. Controls of birds ringed outside the Courish Spit.</b>									
<b>00720. Phalacrocorax carbo, Cormorant (1)</b>									
MM06287	15.07.2004	I	1	Finland, Yaasa, Unsikaarleppyy	63.22N, 22.16E			00 days, 924 km, 185°	
	16.07.2004-			Russia, Fringilla	55.05N, 20.44E	xA			
	30.08.2004								
<b>02690. Accipiter nisus, Sparrowhawk (2)</b>									
FA01320	22.09.2005	M	3	Lithuania, Neringa, Juodkrante	55.31N, 21.07E			11 days, 54 km, 207°	
	03.10.2005	M	3	Russia, Fringilla	55.05N, 20.44E		& PB 141812		
FA03230	20.08.2005	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			0 days, 32 km, 226°	
	20.08.2005	F	3	Russia, Rybachy	55.09N, 20.51E		& M 748079		
<b>05920. Larus argentatus, Herring Gull (2)</b>									
L21651	22.05.1991	I	1	Estonia, Harju, Emblu	59.31N, 25.19E			2283 days, 554 km, 209°	
	21.08.1997			Russia, Rybachy	55.09N, 20.51E	x			
HT204457	29.06.1998	I	3	Finland, Kuopio, Kuopio	62.46N, 27.47E			00 days, 1000 km, 206°	
	00.04.2005	I	6	Russia, Kaliningrad, Svetly	54.41N, 20.10E	x			
<b>06000. Larus marinus, Great Black-backed Gull (1)</b>									
L2989	06.06.1980	I	1	Estonia, Matsalu, Sipelgarahu	58.45N, 23.19E			8501 days, 427 km, 200°	
	15.09.2003			Russia, Rybachy	55.09N, 20.51E	x			

<b>09920. Hirundo rustica, Swallow (2)</b>										
VT48779	Lithuania, Kaunas	29.07.2005	I	3	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E			20 days, 43 km, 226°	
		18.08.2005	I	3	Russia, Fringilla	55.05N, 20.44E	& VD 47943			
VT50281	Lithuania, Kaunas	18.07.2005	I	3	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E			19 days, 43 km, 226°	
		06.08.2005	I	3	Russia, Fringilla	55.05N, 20.44E	& VD 47820			
<b>10010. Delichon urbica, House Martin (1)</b>										
VT52022	Lithuania, Kaunas	08.08.2005	I	3	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E			11 days, 43 km, 226°	
		19.08.2005	I	3	Russia, Fringilla	55.05N, 20.44E	& XY 07090			
<b>10170. Motacilla flava, Yellow Wagtail (1)</b>										
ZL3259	Lithuania, Kaunas	14.08.1986	I	3	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E			2553 days, 32 km, 226°	
		10.08.1993	M	4	Russia, Rybachy	55.09N, 20.51E	& O 642960			
<b>10200. Motacilla alba, White Wagtail (1)</b>										
VT48655	Lithuania, Kaunas	25.07.2005	I	3	Lithuania, Šilute, Ventės Ragas	55.21N, 21.13E			11 days, 43 km, 226°	
		05.08.2005	I	3	Russia, Fringilla	55.05N, 20.44E	V			
<b>10840. Prunella modularis, Duncock (1)</b>										
8983350	Belgium, Bruxelles	13.10.2004	I	4	Belgium, Limburg, Genk	50.58N, 5.30E			165 days, 1125 km, 66°	
		27.03.2005	I	4	Russia, Rybachy	55.09N, 20.51E	& XK 86377			
<b>10990. Erithacus rubecula, Robin (6)</b>										
8625193	Belgium, Bruxelles	27.09.2003	I	2	Luxemburg, Uebersyren	49.38N, 6.17E			556 days, 1152 km, 58°	
		05.04.2005	I	6	Russia, Fringilla	55.05N, 20.44E	& XF 73129			
8988094	Belgium, Bruxelles	10.10.2004	I	3	Belgium, Antwerpen, Oud Turnhout	51.19N, 4.59E			176 days, 1138 km, 68°	
		04.04.2005	I	5	Russia, Rybachy	55.09N, 20.51E	& XF 65710			
R899694	Great Britain, London	15.10.2004	I	3	Great Britain, Sussex, Isklesham	50.54N, 0.40E			170 days, 1429 km, 71°	
		04.04.2005	I	5	Russia, Rybachy	55.09N, 20.51E	& XF 65574			
X540390	Finland, Helsinki	24.04.1995	I	4	Finland, Turku-Pori, Korppoo, Jurmo	59.50N, 21.37E			360 days, 522 km, 185°	
		18.04.1996	I	4	Russia, Rybachy	55.09N, 20.51E	& O 805191			

VX52011 Lithuania, Kaunas	25.09.2004 02.10.2005	I I	4 4	Lithuania, Neringa, Juodkrante Russia, Rybachy	55.31N, 21.07E 55.09N, 20.51E	& XY 12479	372 days, 44 km, 202°
BG30819 Sweden, Stockholm	11.10.1994 20.10.1994	I I	3 3	Sweden, Västerbotten, Stora Fjäderågg Russia, Rybachy	63.49N, 21.00E 55.09N, 20.51E	& O 697012	9 days, 963 km, 181°
<b>11030. Luscinia luscinia, Thrush Nightingale (1)</b>							
VP0417 Lithuania, Kaunas	14.05.1993 04.05.1996	I I	4 4	Lithuania, Šilute, Ventes Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& O 807900	1086 days, 32 km, 226°
<b>11870. Turdus merula, Blackbird (2)</b>							
RE98204 Great Britain, London	28.01.1996 19.04.1996	M M	5 5	Great Britain, Kent, Shorne, Gravesend Russia, Fringilla	51.24N, 0.26E 55.05N, 20.44E	& P 827636	82 days, 1410 km, 73°
RR68218 Great Britain, London	16.11.1996 03.04.1997	M M	3 5	Great Britain, Norfolk, Weybourne Russia, Rybachy	52.56N, 1.07E 55.09N, 20.51E	& P 936749	138 days, 1311 km, 79°
<b>12430. Acrocephalus schoenobaenus, Sedge Warbler (4)</b>							
T793867 Czech Republic, Prague	07.08.1995 28.05.1996	I I	3 5	Czech Republic, Brno, Holásky Russia, Rybachy	49.09N, 16.39E 55.09N, 20.51E	& FS 06243	295 days, 726 km, 23°
X676314 Finland, Helsinki	05.08.1995 12.05.1996	I I	2 4	Finland, Kymi, Iitti Russia, Rybachy	60.57N, 26.27E 55.09N, 20.51E	& O 808815	281 days, 724 km, 207°
A361296 Hungary, Budapest	08.08.2004 10.06.2005	I I	3 4	Hungary, Pest, Ocsa Russia, Fringilla	47.19N, 19.13E 55.05N, 20.44E	& XY 04213	306 days, 1120 km, 306°
VP4571 Lithuania, Kaunas	02.08.1993 06.08.1993	I I	3 3	Lithuania, Šilute, Ventes Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& O 642860	4 days, 32 km, 226°
<b>12500. Acrocephalus palustris, Marsh Warbler (1)</b>							
CB74687 Sweden, Stockholm	24.11.2004 20.07.2005	I I	2 4	Kenya, Ngulia lake Russia, Rybachy	03.00S, 38.13E 55.09N, 20.51E	& XY 08658	238 days, 6689 km, 346°



**12510. Acrocephalus scirpaceus, Reed Warbler (17)**

5186418 Belgium, Bruxelles	28.07.1994 22.05.1996	I 4 I 4	Belgium, Antwerpen, Muizen Russia, Rybachy	51.01N, 4.31E 55.09N, 20.51E	& FS 06006	664 days, 1183 km, 67°
7628346 Belgium, Bruxelles	30.09.2000 22.06.2005	I 3 M 6	Luxembourg, Schifflange Russia, Kaliningrad, Courish Spit	49.30N, 6.01E 55.02N, 20.40E	V	1726 days, 1171 km, 58°
8108976 Belgium, Bruxelles	17.08.2002 04.05.2005	I 3 I 4	Belgium, Limburg, Wijchmaal Russia, Rybachy	51.08N, 5.25E 55.09N, 20.51E	& XF 76805	991 day, 1121 km, 67°
9023227 Belgium, Bruxelles	10.08.2004 03.08.2005	I 4 I 4	Belgium, Antwerpen, Brecht Russia, Rybachy	51.21N, 4.39E 55.09N, 20.51E	& XY 11043	358 days, 1157 km, 69°
1729306 Estonia, Matsalu	21.07.1998 24.05.2002	I 2 I 4	Estonia, Pärnu, Häädemeeste Russia, Rybachy	58.05N, 24.29E 55.09N, 20.51E	& XF 27318	1403 days, 394 km, 214°
CA37793 Estonia, Matsalu	08.08.2004 25.05.2005	I 2 I 4	Estonia, Saare, Sorve Russia, Rybachy	57.55N, 22.03E 55.09N, 20.51E	& XY 10079	290 days, 316 km, 193°
XB17668 Estonia, Matsalu	05.08.2004 27.08.2004	I 3 I 3	Estonia, Pärnu, Häädemeeste Russia, Rybachy	58.05N, 24.29E 55.09N, 20.51E	& XL 97905	22 days, 394 km, 214°
X560172 Finland, Helsinki	19.08.1994 24.09.1994	I 3 I 3	Finland, Uusimaa, Helsinki Russia, Rybachy	60.12N, 25.01E 55.09N, 20.51E	& O 693072	36 days, 613 km, 204°
LF3754 Lithuania, Kaunas	18.06.1996 09.08.1997	M 4 F 4	Lithuania, Šilute, Ventes Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& O 870635	417 days, 32 km, 226°
VH6950 Lithuania, Kaunas	25.07.1992 11.06.1993	I 3 I 2	Lithuania, Šilute, Ventes Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& O 641705	321 days, 32 km, 226°
VL5962 Lithuania, Kaunas	23.06.1992 23.05.1993	I 4 I 4	Lithuania, Šilute, Ventes Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& O 641035	334 days, 32 km, 226°
VP3595 Lithuania, Kaunas	07.06.1993 15.07.1995	I 4 F 4	Lithuania, Šilute, Ventes Ragas Russia, Kaliningrad, Courish Spit	55.21N, 21.13E 55.02N, 20.40E	& O 740278	768 days, 50 km, 225°

VP91201 Lithuania, Kaunas	18.07.2004	F	2	Lithuania, Šilute, Ventres Ragas	55.21N, 21.13E	V	337 days, 48 km, 226°
VV03670 Lithuania, Kaunas	20.06.2005	F	2	Russia, Kaliningrad, Courish Spit	55.03N, 20.40E		
	21.08.1996	I	3	Lithuania, Šilute, Ventres Ragas	55.21N, 21.13E		
	09.06.1997	I	4	Russia, Rybachy	55.09N, 20.51E	& RZ 004262	292 days, 32 km, 226°
L538761 Spain, Madrid, (Icona)	30.08.2001	I	4	Spain, Madrid, Las Minas	40.14N, 3.33W	& XF 24376	279 days, 2465 km, 47°
	05.06.2002	I	4	Russia, Rybachy	55.09N, 20.51E		
BC68106 Sweden, Stockholm	24.08.1992	I	3	Sweden, Skane, Foteviken	55.27N, 12.58E		
	01.06.1995	I	4	Russia, Rybachy	55.09N, 20.51E	& O 751099	1011 days, 500 km, 94°
BG05296 Sweden, Stockholm	08.09.1994	I	3	Sweden, Skane, Falsterbo, Flommen	55.24N, 12.50E		
	04.06.1996	I	4	Russia, Rybachy	55.09N, 20.51E	& F 06320	635 days, 508 km, 93°
<b>12530. Acrocephalus arundinaceus, Great Reed Warbler (2)</b>							
Z742183 Czech Republic, Prague	18.08.1997	I	3	Czech Republic, Breclav, Sedlec	48.47N, 16.42E		
	24.06.1998	F	2	Russia, Kaliningrad, Courish Spit	55.02N, 20.40E	& XD 435033	310 days, 746 km, 21°
VP4978 Lithuania, Kaunas	25.07.1993	I	3	Lithuania, Šilute, Ventres Ragas	55.21N, 21.13E		
	29.07.1993	I	3	Russia, Rybachy	55.09N, 20.51E	& O 642574	4 days, 32 km, 226°
<b>12750. Sylvia communis, Whitethroat (1)</b>							
1ED21163 Sweden, Stockholm	04.09.1993	I	3	Sweden, Blekinge, Utklippan	55.57N, 15.42E		
	21.09.1994	I	4	Russia, Rybachy	55.09N, 20.51E	& O 691587	382 days, 336 km, 105°
<b>12760. Sylvia borin, Garden Warbler (2)</b>							
9P64116 Denmark, Copenhagen	19.05.1994	I	4	Denmark, Bornholm, Christianso	55.19N, 15.12E		
	18.05.1996	I	4	Russia, Rybachy	55.09N, 20.51E	& O 809520	730 days, 358 km, 93°
2KE07608 Sweden, Stockholm	25.07.1992	I	3	Sweden, Vastmanland, Surahammar	59.42N, 16.04E		
	21.05.1996	I	4	Russia, Rybachy	55.09N, 20.51E	& O 810054	1396 days, 581 km, 151°
<b>12770. Sylvia atricapilla, Blackcap (1)</b>							
1EH53834 Sweden, Stockholm	29.08.2003	M	3	Sweden, Gangholm, Västerås-Barkaro	59.32N, 16.31E		
	02.05.2005	M	4	Russia, Rybachy	55.09N, 20.51E	& XF 76753	612 days, 552 km, 152°

<b>13140. <i>Regulus regulus</i>, Goldcrest (7)</b>									
P74295 Czech Republic, Prague	20.10.2004	F	2	Czech Republic, Padubice, Rohovladova Bela	50.06N, 15.36E				
	25.10.2005	F	4	Russia, Fringilla	55.05N, 20.44E	& VD 76205	370 days, 653 km, 32°		
A79550 Denmark, Copenhagen	10.10.2004	M	3	Denmark, Bornholm, Christianso	55.19N, 15.12E				
	02.04.2005	M	5	Russia, Fringilla	55.05N, 20.44E	& VD 46325	174 days, 352 km, 94°		
5926154 Estonia, Matsalu	29.09.1996	M	3	Estonia, Pärnu, Kabli	58.01N, 24.27E	& RZ 006895	11 days, 398 km, 215°		
	10.10.1996	M	3	Russia, Fringilla	55.05N, 20.44E				
XX18120 Lithuania, Kaunas	06.10.2005	M	3	Lithuania, Neringa	55.27N, 21.04E				
	07.10.2005	M	3	Russia, Fringilla	55.05N, 20.44E	& VD 30896	1 day, 46 km, 207°		
LE39831 Poland, Gdansk	31.03.2004	M	5	Poland, Gdansk, Hel	54.46N, 18.28E				
	01.04.2005	M	6	Russia, Rybachy	55.09N, 20.51E	& VD 53855	366 days, 158 km, 74°		
RK5664 Sweden, Stockholm	11.09.2005	M	3	Sweden, Södermanland, Bredmar/Byn, Landsort	58.45N, 17.52E				
	30.09.2005	M	3	Russia, Fringilla	55.05N, 20.44E	& VD 26590	19 days, 443 km, 157°		
Z30603 Sweden, Stockholm	23.10.1996	M	3	Sweden, Öland, Ottenby	56.12N, 16.24E				
	31.10.1996	M	3	Russia, Fringilla	55.05N, 20.44E	& RZ 016550	8 days, 299 km, 115°		
<b>13480. <i>Ficedula albicollis</i>, Collared Flycatcher (1)</b>									
CC47037 Sweden, Stockholm	15.05.2005	F	4	Sweden, Gotland, Valleviken	57.47N, 18.57E				
	15.07.2005	F	4	Russia, Fringilla	55.05N, 20.44E	& VD 47217	61 days, 319 km, 160°		
<b>13490. <i>Ficedula hypoleuca</i>, Pied Flycatcher (1)</b>									
1741549 Estonia, Matsalu	22.06.1999	M	3	Estonia, Pärnu, Rabaküla	58.06N, 24.51E				
	23.04.2000	M	6	Russia, Fringilla	55.05N, 20.44E	& RZ 041640	306 days, 419 km, 217°		
<b>14370. <i>Aegithalos caudatus</i>, Long-tailed Tit (123)</b>									
1874703 Estonia, Matsalu	02.10.2000	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E				
	13.10.2000	I	2	Russia, Fringilla	55.05N, 20.44E	& VS 91853	11 days, 398 km, 215°		

XB52193 Estonia, Matsalu	18.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 27692	15 days, 398 km, 215°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB52194 Estonia, Matsalu	18.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 27694	15 days, 398 km, 215°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB52195 Estonia, Matsalu	18.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 27693	15 days, 398 km, 215°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB52196 Estonia, Matsalu	18.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 27697	15 days, 398 km, 215°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB52197 Estonia, Matsalu	18.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 27695	15 days, 398 km, 215°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB52198 Estonia, Matsalu	18.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 27691	15 days, 398 km, 215°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB52199 Estonia, Matsalu	18.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 27696	15 days, 398 km, 215°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB52200 Estonia, Matsalu	18.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 27698	15 days, 398 km, 215°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB53111 Estonia, Matsalu	23.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 64704	18 days, 398 km, 215°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB53112 Estonia, Matsalu	23.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 64707	18 days, 398 km, 215°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB53113 Estonia, Matsalu	23.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 64703	18 days, 398 km, 215°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB53116 Estonia, Matsalu	23.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 64708	18 days, 398 km, 215°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB53121 Estonia, Matsalu	23.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 64709	18 days, 398 km, 215°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB53125 Estonia, Matsalu	23.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 64706	18 days, 398 km, 215°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB53143 Estonia, Matsalu	23.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 64702	18 days, 398 km, 215°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		

XB53680	Estonia, Matsalu	24.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 55895	15 days, 398 km, 215°
		09.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB54733	Estonia, Matsalu	25.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 55481	14 days, 398 km, 215°
		09.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB56984	Estonia, Matsalu	27.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 65920	15 days, 398 km, 215°
		12.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB56992	Estonia, Matsalu	27.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 54431	11 days, 398 km, 215°
		08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB56994	Estonia, Matsalu	27.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 54402	11 days, 398 km, 215°
		08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB56996	Estonia, Matsalu	27.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 54403	11 days, 398 km, 215°
		08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB59212	Estonia, Matsalu	29.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 55031	9 days, 398 km, 215°
		08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB59280	Estonia, Matsalu	29.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 30874	8 days, 398 km, 215°
		07.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB59282	Estonia, Matsalu	29.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 30878	8 days, 398 km, 215°
		07.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB59285	Estonia, Matsalu	29.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 30877	8 days, 398 km, 215°
		07.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB59289	Estonia, Matsalu	29.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 30875	8 days, 398 km, 215°
		07.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB59291	Estonia, Matsalu	29.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 30879	8 days, 398 km, 215°
		07.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB59293	Estonia, Matsalu	29.09.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 30876	8 days, 398 km, 215°
		07.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB59551	Estonia, Matsalu	01.10.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 66367	12 days, 398 km, 215°
		13.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XB59552	Estonia, Matsalu	01.10.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 66372	12 days, 398 km, 215°
		13.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E		

XB59558 Estonia, Matsalu	01.10.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 66371	12 days, 398 km, 215°
	13.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XB59566 Estonia, Matsalu	01.10.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 66364	12 days, 398 km, 215°
	13.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XB60553 Estonia, Matsalu	03.10.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 71376	11 days, 398 km, 215°
	14.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XB64990 Estonia, Matsalu	15.10.2005	I	2	Estonia, Pärnu, Kabli	58.01N, 24.27E	& VD 74598	6 days, 387 km, 215°
	21.10.2005	I	2	Russia, Rybachy	55.09N, 20.51E		
88432 Latvia, Riga	25.09.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 26063	3 days, 124 km, 189°
	28.09.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
89047 Latvia, Riga	04.10.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 29525	2 days, 124 km, 189°
	06.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
89050 Latvia, Riga	04.10.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 29532	2 days, 124 km, 189°
	06.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
89136 Latvia, Riga	05.10.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 54094	2 days, 124 km, 189°
	07.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
89141 Latvia, Riga	05.10.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 54095	2 days, 124 km, 189°
	07.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
89165 Latvia, Riga	05.10.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 54980	3 days, 124 km, 189°
	08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
89166 Latvia, Riga	05.10.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 54979	3 days, 124 km, 189°
	08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
92417 Latvia, Riga	29.09.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 27997	4 days, 124 km, 189°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
92418 Latvia, Riga	29.09.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 27974	4 days, 124 km, 189°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
92420 Latvia, Riga	29.09.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 27991	4 days, 124 km, 189°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
92422 Latvia, Riga	29.09.2005	I	2	Latvia, Liepaja, Pape	56.11N, 21.03E	& VD 27996	4 days, 124 km, 189°
	03.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		

XP09961	Lithuania, Kaunas	18.10.2004	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 01333	160 days, 32 km, 226°
		27.03.2005	I	4	Russia, Rybachy	55.09N, 20.51E		
XP12987	Lithuania, Kaunas	28.09.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 27502	3 days, 43 km, 226°
		01.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XP16420	Lithuania, Kaunas	27.09.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 26321	2 days, 43 km, 226°
		29.09.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XP16447	Lithuania, Kaunas	27.09.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 26330	2 days, 43 km, 226°
		29.09.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XP16619	Lithuania, Kaunas	27.09.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 26716	3 days, 43 km, 226°
		30.09.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XP17032	Lithuania, Kaunas	29.09.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 27021	1 day, 43 km, 226°
		30.09.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XP17753	Lithuania, Kaunas	04.10.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 29568	2 days, 43 km, 226°
		06.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XP17760	Lithuania, Kaunas	04.10.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 29526	2 days, 43 km, 226°
		06.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XP17773	Lithuania, Kaunas	04.10.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 29529	2 days, 43 km, 226°
		06.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XP17960	Lithuania, Kaunas	04.10.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 29092	2 days, 43 km, 226°
		06.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XP18022	Lithuania, Kaunas	28.09.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 27017	2 days, 43 km, 226°
		30.09.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XP18060	Lithuania, Kaunas	28.09.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 27024	2 days, 43 km, 226°
		30.09.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XP18064	Lithuania, Kaunas	28.09.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 27079	2 days, 43 km, 226°
		30.09.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XP18090	Lithuania, Kaunas	28.09.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 27035	2 days, 43 km, 226°
		30.09.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XP18989	Lithuania, Kaunas	04.10.2005	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& VD 54436	4 days, 43 km, 226°
		08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		

XP19341 Lithuania, Kaunas	07.10.2005 09.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 55310	2 days, 43 km, 226°
XP19452 Lithuania, Kaunas	09.10.2005 10.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 62187	1 day, 43 km, 226°
XP20265 Lithuania, Kaunas	06.10.2005 08.10.2005	I I	2 2	Lithuania, Šilute, Ventės-Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 54976	2 days, 43 km, 226°
XP20283 Lithuania, Kaunas	06.10.2005 08.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 54978	2 days, 43 km, 226°
XP20443 Lithuania, Kaunas	08.10.2005 09.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 55894	1 day, 43 km, 226°
XP20588 Lithuania, Kaunas	08.10.2005 13.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 66617	5 days, 43 km, 226°
XP20924 Lithuania, Kaunas	08.10.2005 12.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 65677	4 days, 43 km, 226°
XP21070 Lithuania, Kaunas	05.10.2005 06.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 29582	1 day, 43 km, 226°
XP21366 Lithuania, Kaunas	07.10.2005 09.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 55663	2 days, 43 km, 226°
XP21368 Lithuania, Kaunas	07.10.2005 09.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 55678	2 days, 43 km, 226°
XP21372 Lithuania, Kaunas	07.10.2005 09.10.2005	I I	2 3	Lithuania, Šilute, Ventės Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& VD 63999	2 days, 32 km, 226°
XP21748 Lithuania, Kaunas	10.10.2005 13.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 66467	3 days, 43 km, 226°
XP22331 Lithuania, Kaunas	09.10.2005 10.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 62872	1 day, 43 km, 226°
XP22670 Lithuania, Kaunas	09.10.2005 11.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 64664	2 days, 43 km, 226°
XP22672 Lithuania, Kaunas	09.10.2005 16.10.2005	I I	2 2	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 72604	7 days, 43 km, 226°



XP23613	Lithuania, Kaunas	10.10.2005 14.10.2005	I I	2 2	Lithuania, Šilute, Ventes Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 71627	4 days, 43 km, 226°
XP24686	Lithuania, Kaunas	11.10.2005 14.10.2005	I I	2 2	Lithuania, Šilute, Ventes Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& VD 71697	3 days, 43 km, 226°
XX07555	Lithuania, Kaunas	27.09.2005 27.09.2005	I I	2 3	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& VD 48951	0 days, 46 km, 207°
XX07556	Lithuania, Kaunas	27.09.2005 27.09.2005	I I	2 3	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& VD 48934	0 days, 46 km, 207°
XX07557	Lithuania, Kaunas	27.09.2005 27.09.2005	I I	2 3	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& VD 48940	0 days, 46 km, 207°
XX07558	Lithuania, Kaunas	27.09.2005 27.09.2005	I I	2 3	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& VD 48935	0 days, 46 km, 207°
XX16150	Lithuania, Kaunas	13.10.2005 16.10.2005	I I	2 2	Lithuania, Neringa, Juodkrante Russia, Fringilla	55.31N, 21.07E 55.05N, 20.44E	& VD 72702	3 days, 54 km, 207°
XX17222	Lithuania, Kaunas	12.10.2005 14.10.2005	I I	2 2	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& VD 71750	2 days, 46 km, 207°
XX17232	Lithuania, Kaunas	12.10.2005 13.10.2005	I I	2 2	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& VD 66472	1 day, 46 km, 207°
XX17364	Lithuania, Kaunas	12.10.2005 13.10.2005	I I	2 2	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& VD 66864	1 day, 46 km, 207°
XX17571	Lithuania, Kaunas	13.10.2005 16.10.2005	I I	2 3	Lithuania, Neringa Russia, Rybachy	55.27N, 21.04E 55.09N, 20.51E	& VD 73963	3 days, 36 km, 202°
XX17675	Lithuania, Kaunas	13.10.2005 28.10.2005	I I	2 2	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& VD 76278	15 days, 46 km, 207°
XX17764	Lithuania, Kaunas	14.10.2005 16.10.2005	I I	2 3	Lithuania, Neringa Russia, Rybachy	55.27N, 21.04E 55.09N, 20.51E	& VD 73977	2 days, 36 km, 202°
XX17919	Lithuania, Kaunas	14.10.2005 17.10.2005	I I	2 3	Lithuania, Neringa Russia, Rybachy	55.27N, 21.04E 55.09N, 20.51E	& VD 74175	3 days, 36 km, 202°
XX18237	Lithuania, Kaunas	07.10.2005 08.10.2005	I I	2 2	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& VD 54437	1 day, 46 km, 207°

XX18241	Lithuania, Kaunas	07.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 54401	1 day, 46 km, 207°
		08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX18242	Lithuania, Kaunas	07.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 54439	1 day, 46 km, 207°
		08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX18384	Lithuania, Kaunas	07.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 54974	1 day, 46 km, 207°
		08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX18499	Lithuania, Kaunas	08.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 55665	1 day, 46 km, 207°
		09.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19011	Lithuania, Kaunas	09.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 62401	1 day, 46 km, 207°
		10.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19013	Lithuania, Kaunas	09.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 62402	1 day, 46 km, 207°
		10.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19047	Lithuania, Kaunas	09.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 74755	13 days, 36 km, 202°
		22.10.2005	I	2	Russia, Rybachy	55.09N, 20.51E		
XX19059	Lithuania, Kaunas	09.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 62956	2 days, 46 km, 207°
		11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19066	Lithuania, Kaunas	09.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 64286	2 days, 46 km, 207°
		11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19070	Lithuania, Kaunas	09.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 62584	1 day, 46 km, 207°
		10.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19160	Lithuania, Kaunas	09.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 73086	1 day, 36 km, 202°
		10.10.2005	I	3	Russia, Rybachy	55.09N, 20.51E		
XX19247	Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 64296	1 day, 46 km, 207°
		11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19265	Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 64836	1 day, 46 km, 207°
		11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19268	Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 64285	1 day, 46 km, 207°
		11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19270	Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 62957	1 day, 46 km, 207°
		11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		

XX19272 Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 64528	1 day, 46 km, 207°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19275 Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 64530	1 day, 46 km, 207°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19367 Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 64662	1 day, 46 km, 207°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19394 Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 66139	2 days, 46 km, 207°
	12.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19486 Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 65093	2 days, 46 km, 207°
	12.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XX19548 Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 65683	2 days, 46 km, 207°
	12.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19565 Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 64705	1 day, 46 km, 207°
	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX19580 Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 66357	3 days, 46 km, 207°
	13.10.2005	I	3	Russia, Fringilla	55.05N, 20.44E		
XX19601 Lithuania, Kaunas	10.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 65472	2 days, 46 km, 207°
	12.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E		
XX20112 Lithuania, Kaunas	15.10.2005	I	2	Lithuania, Neringa	55.27N, 21.04E	& VD 74709	7 days, 36 km, 202°
	22.10.2005	I	3	Russia, Rybachy	55.09N, 20.51E		
LC92822 Poland, Gdansk	31.03.1997	I	4	Poland, Gdansk, Hel	54.46N, 18.28E	& RZ 004469	10 days, 158 km, 74°
	10.04.1997	I	4	Russia, Rybachy	55.09N, 20.51E		
LH02222 Poland, Gdansk	16.10.2004	I	2	Poland, Gdansk, Jastarnia	54.42N, 18.41E	& VD 53845	166 days, 147 km, 70°
	31.03.2005	I	4	Russia, Rybachy	55.09N, 20.51E		
LH02223 Poland, Gdansk	16.10.2004	I	2	Poland, Gdansk, Jastarnia	54.42N, 18.41E	& VD 53844	166 days, 147 km, 70°
	31.03.2005	I	4	Russia, Rybachy	55.09N, 20.51E		
LH02224 Poland, Gdansk	16.10.2004	I	2	Poland, Gdansk, Jastarnia	54.42N, 18.41E	& VD 53846	166 days, 147 km, 70°
	31.03.2005	I	4	Russia, Rybachy	55.09N, 20.51E		
LH02225 Poland, Gdansk	16.10.2004	I	2	Poland, Gdansk, Jastarnia	54.42N, 18.41E	& VD 53843	166 days, 147 km, 70°
	31.03.2005	I	4	Russia, Rybachy	55.09N, 20.51E		

LH02227	Poland,	16.10.2004	I	2	Poland, Gdansk, Jastarnia	54.42N, 18.41E			
Gdansk	Russia, Rybachy	31.03.2005	I	4	Russia, Rybachy	55.09N, 20.51E	& VD 53847	166 days, 147 km, 70°	
VD 86290	Russia,	10.10.2005	I	2	Russia, Gubaritsy	60.41N, 32.57E	V	10 days, 942 km, 229°	
Moskwa	Russia, Rybachy	20.10.2005	I	2	Russia, Rybachy	55.09N, 20.51E			
<b>14610. Parus ater, Coal Tit (6)</b>									
1962262	Estonia,	29.09.2002	I	3	Estonia, Pärnu, Kabli	58.01N, 24.27E	& V 044846	5 days, 398 km, 215°	
Matsalu	Russia, Fringilla	04.10.2002	F	3	Russia, Fringilla	55.05N, 20.44E			
V12173	Estonia,	04.09.2002	I	3	Estonia, Pärnu, Lao	58.15N, 24.07E	& V 044771	30 days, 408 km, 210°	
Matsalu	Russia, Fringilla	04.10.2002	F	3	Russia, Fringilla	55.05N, 20.44E			
V12557	Estonia,	04.09.2002	I	3	Estonia, Pärnu, Lao	58.15N, 24.07E	( ) XK 55849	10 days, 408 km, 210°	
Matsalu	Russia, Fringilla	14.09.2002	F	3	Russia, Fringilla	55.05N, 20.44E			
VV41543	Lithuania,	21.09.1997	I	2	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& O 881984	3 days, 43 km, 226°	
Kaunas	Russia, Fringilla	24.09.1997	F	3	Russia, Fringilla	55.05N, 20.44E			
VX01900	Lithuania,	14.10.1996	I	2	Lithuania, Neringa	55.27N, 21.04E	& O 829904	2 days, 46 km, 207°	
Kaunas	Russia, Fringilla	16.10.1996	M	3	Russia, Fringilla	55.05N, 20.44E			
XX01939	Lithuania,	21.09.1997	I	3	Lithuania, Neringa	55.27N, 21.04E	& O 881543	0 days, 46 km, 207°	
Kaunas	Russia, Fringilla	21.09.1997	M	3	Russia, Fringilla	55.05N, 20.44E			
<b>14620. Parus caeruleus, Blue Tit (21)</b>									
8693393	Belgium,	04.02.2004	I	4	Belgium, Limburg, Eksel	51.09N, 5.24E	& XY 26321	615 days, 1112 km, 67°	
Bruxelles	Russia, Fringilla	11.11.2005	F	4	Russia, Fringilla	55.05N, 20.44E			
593938	Estonia,	13.10.1981	F	3	Estonia, Pärnu, Kabli	58.01N, 24.27E	& O 049598	8 days, 398 km, 215°	
Matsalu	Russia, Fringilla	21.10.1981	F	3	Russia, Fringilla	55.05N, 20.44E			
1811878	Estonia,	08.05.2005	I	1	Estonia, Voru, Listaku	57.39N, 26.51E	& XY 22945	144 days, 472 km, 233°	
Matsalu	Russia, Fringilla	29.09.2005	F	3	Russia, Fringilla	55.05N, 20.44E			
CA34657	Estonia,	24.09.2003	F	3	Estonia, Saare, Sorve	57.55N, 22.03E	& V 054444	10 days, 316 km, 193°	
Matsalu	Russia, Rybachy	04.10.2003	F	3	Russia, Rybachy	55.09N, 20.51E			
V16169	Estonia,	14.09.2002	F	4	Estonia, Pärnu, Lao	58.15N, 24.07E	& V 044925	25 days, 408 km, 210°	
Matsalu	Russia, Fringilla	09.10.2002	F	4	Russia, Fringilla	55.05N, 20.44E			
V38030	Estonia,	26.09.2004	I	2	Estonia, Pärnu, Lao	58.15N, 24.07E	& XF 57149	14 days, 408 km, 210°	
Matsalu	Russia, Fringilla	10.10.2004	M	3	Russia, Fringilla	55.05N, 20.44E			

V40106 Estonia, Matsalu	07.10.2004 19.10.2004	I M	2 3	2 3	Estonia, Pärnu, Lao Russia, Fringilla	58.15N, 24.07E 55.05N, 20.44E	& XF 59798	12 days, 408 km, 210°
J140407 Latvia, Riga	08.10.2005 11.11.2005	F M	3 3	3 3	Latvia, Liepaja, Pape Russia, Fringilla	56.11N, 21.03E 55.05N, 20.44E	& XY 26320	34 days, 124 km, 189°
V106286 Lithuania, Kaunas	27.10.1994 03.11.1994	F F	4 4	4 4	Lithuania, Šilute, Ventės Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& O 697282	7 days, 32 km, 226°
VT21111 Lithuania, Kaunas	25.09.2004 29.03.2005	F M	3 5	3 5	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& XF 62997	185 days, 43 km, 226°
VT23629 Lithuania, Kaunas	26.09.2004 30.03.2005	M M	3 5	3 5	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& XF 63218	185 days, 43 km, 226°
VT31162 Lithuania, Kaunas	06.10.2004 27.03.2005	F F	3 5	3 5	Lithuania, Šilute, Ventės Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& XK 86374	172 days, 32 km, 226°
VT58739 Lithuania, Kaunas	16.09.2005 20.09.2005	F F	3 3	3 3	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& XY 17783	4 days, 43 km, 226°
VT67021 Lithuania, Kaunas	03.10.2005 03.10.2005	F F	2 3	2 3	Lithuania, Šilute, Ventės Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& XY 12580	0 days, 32 km, 226°
VT71936 Lithuania, Kaunas	23.10.2005 28.10.2005	F F	3 3	3 3	Lithuania, Šilute, Ventės Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& XY 27824	5 days, 43 km, 226°
VV47234 Lithuania, Kaunas	29.09.1997 13.10.1997	M M	4 4	4 4	Lithuania, Šilute, Ventės Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& O 877038	14 days, 32 km, 226°
VX51797 Lithuania, Kaunas	22.09.2004 26.09.2005	M M	3 4	3 4	Lithuania, Neringa, Juodkrante Russia, Rybachy	55.31N, 21.07E 55.09N, 20.51E	& XY 12255	369 days, 44 km, 202°
VX72669 Lithuania, Kaunas	23.09.2005 24.09.2005	F F	3 3	3 3	Lithuania, Neringa Russia, Fringilla	55.31N, 21.04E 55.05N, 20.44E	& XY 18545	1 day, 46 km, 207°
VX73830 Lithuania, Kaunas	27.09.2005 29.09.2005	F F	3 3	3 3	Lithuania, Neringa Russia, Fringilla	55.31N, 21.04E 55.05N, 20.44E	& XY 22954	2 days, 46 km, 207°
ZU8224 Lithuania, Kaunas	22.09.1993 02.10.1994	F F	4 4	4 4	Lithuania, Šilute, Ventės Ragas Russia, Rybachy	55.21N, 21.13E 55.09N, 20.51E	& O 693576	375 days, 32 km, 226°
KZ02204 Poland, Gdansk	24.09.2004 02.04.2005	M M	3 5	3 5	Poland, Gdansk, Mierzeja Wislana Russia, Fringilla	54.21N, 19.19E 55.05N, 20.44E	& XF 63760	190 days, 122 km, 48°

14640. Parus major, Great Tit (35)						
1937565 Estonia, Matsalu	29.05.2002 30.09.2002	I 1 F 3	Estonia, Pärnu, Vana-Järve Russia, Fringilla	58.01N, 24.43E 55.05N, 20.44E	& AX 009355	124 days, 407 km, 217°
1937716 Estonia, Matsalu	01.06.2002 28.09.2002	I 1 M 3	Estonia, Pärnu, Vana-Järve Russia, Fringilla	58.01N, 24.43E 55.05N, 20.44E	& V 032545	119 days, 407 km, 217°
1950371 Estonia, Matsalu	19.07.2002 24.10.2002	I 1 F 3	Estonia, Pärnu, Veneküla Russia, Fringilla	58.08N, 24.59E 55.05N, 20.44E	& AX 016710	97 days, 427 km, 217°
1972682 Estonia, Matsalu	19.07.2004 25.10.2004	I 1 F 3	Estonia, Pärnu, Rabaküla Russia, Rybachy	58.06N, 24.51E 55.09N, 20.51E	& XF 33679	98 days, 409 km, 217°
573663 Estonia, Matsalu	28.09.1981 09.10.1981	F 3 F 3	Estonia, Pärnu, Kabli Russia, Fringilla	58.01N, 24.27E 55.05N, 20.44E	& XB 466825	11 days, 398 km, 215°
P91167 Estonia, Matsalu	11.06.2005 27.09.2005	I 1 F 3	Estonia, Pärnu, Kaagipellu Russia, Fringilla	58.10N, 24.59E 55.05N, 20.44E	& XY 21573	108 days, 430 km, 217°
V16084 Estonia, Matsalu	13.09.2002 25.09.2002	F 2 F 4	Estonia, Pärnu, Lao Russia, Fringilla	58.15N, 24.07E 55.05N, 20.44E	& XK 64888	12 days, 408 km, 210°
F231343 Latvia, Riga	03.06.2005 18.09.2005	I 1 F 3	Latvia, Liepāja, Priekule Russia, Fringilla	56.25N, 21.44E 55.05N, 20.44E	& XY 17339	107 days, 161 km, 203°
F263812 Latvia, Riga	20.09.2005 24.09.2005	F 3 F 3	Latvia, Liepāja, Pape Russia, Fringilla	56.11N, 21.03E 55.05N, 20.44E	& XY 18710	4 days, 124 km, 189°
J137440 Latvia, Riga	17.09.2005 21.09.2005	F 3 F 3	Latvia, Liepāja, Pape Russia, Fringilla	56.11N, 21.03E 55.05N, 20.44E	& XY 17840	4 days, 124 km, 189°
TP9088 Lithuania, Kaunas	22.10.1994 24.10.1994	M 3 M 3	Lithuania, Neringa Russia, Rybachy	55.27N, 21.04E 55.09N, 20.51E	& O 696355	2 days, 36 km, 202°
VT0106 Lithuania, Kaunas	29.10.1994 30.10.1994	F 3 F 3	Lithuania, Neringa Russia, Rybachy	55.27N, 21.04E 55.09N, 20.51E	& O 697245	1 day, 36 km, 202°
VT11100 Lithuania, Kaunas	20.09.2004 27.03.2005	F 3 F 5	Lithuania, Šilute, Ventės-Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& XF 62537	188 days, 43 km, 226°
VT58739 Lithuania, Kaunas	16.09.2005 20.09.2005	M 3 M 3	Lithuania, Šilute, Ventės-Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& XY 17683	4 days, 43 km, 226°
VT62437 Lithuania, Kaunas	21.09.2005 24.09.2005	F 3 F 3	Lithuania, Šilute, Ventės-Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& XY 18473	3 days, 43 km, 226°

VT71502 Lithuania, Kaunas	21.10.2005 26.10.2005	F F	3 3	Lithuania, Šilute, Ventes-Ragas Russia, Fringilla	55.21N, 21.13E 55.05N, 20.44E	& XY 27704	4 days, 43 km, 226°
VX04406 Lithuania, Kaunas	06.10.1997 07.10.1997	M M	3 3	Lithuania, Neringa Russia, Rybachy	55.27N, 21.04E 55.09N, 20.51E	& O 874861	1 day, 36 km, 202°
VX04875 Lithuania, Kaunas	06.10.1997 07.10.1997	M M	2 2	Lithuania, Neringa Russia, Rybachy	55.27N, 21.04E 55.09N, 20.51E	& O 874915	1 day, 36 km, 202°
VX56814 Lithuania, Kaunas	25.06.2005 28.09.2005	F F	5 5	Lithuania, Neringa, Juodkrante Russia, Fringilla	55.31N, 21.07E 55.05N, 20.44E	& XY 21911	95 days, 54 km, 207°
VX56953 Lithuania, Kaunas	26.09.2005 28.09.2005	F F	3 3	Lithuania, Neringa, Juodkrante Russia, Fringilla	55.31N, 21.07E 55.05N, 20.44E	& XY 21821	2 days, 54 km, 207°
VX71114 Lithuania, Kaunas	13.10.2004 28.03.2005	M M	4 6	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& XF 62742	166 days, 46 km, 207°
VX71548 Lithuania, Kaunas	18.10.2004 01.04.2005	F F	3 5	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& XF 63537	165 days, 46 km, 207°
VX73298 Lithuania, Kaunas	26.09.2005 28.09.2005	F F	3 3	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& XY 21909	2 days, 46 km, 207°
VX73823 Lithuania, Kaunas	27.09.2005 29.09.2005	M M	3 3	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& XY 23193	2 days, 46 km, 207°
VX74167 Lithuania, Kaunas	03.10.2005 04.10.2005	M M	4 4	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	& XY 24637	1 day, 46 km, 207°
VX75937 Lithuania, Kaunas	24.10.2005 27.10.2005	F F	4 4	Lithuania, Neringa Russia, Fringilla	55.27N, 21.04E 55.05N, 20.44E	V	3 days, 46 km, 207°
KX43110 Poland, Gdansk	29.09.2002 02.04.2005	M M	3 6	Poland, Gdansk, Mierzeja Wislana Russia, Fringilla	54.21N, 19.19E 55.05N, 20.44E	& XF 63657	916 days, 122 km, 48°
KY32193 Poland, Gdansk	26.03.2004 31.03.2004	M M	6 6	Poland, Gdansk, Hel Russia, Fringilla	54.46N, 18.28E 55.05N, 20.44E	& O 959000	5 days, 149 km, 76°
KZ06798 Poland, Gdansk	22.10.2004 27.03.2005	F F	3 5	Poland, Gdansk, Mierzeja Wislana Russia, Fringilla	54.21N, 19.19E 55.05N, 20.44E	& XF 62521	156 days, 122 km, 48°
KZ07909 Poland, Gdansk	04.10.2004 29.03.2005	M M	3 6	Poland, Koszalin, Bukowo-Kopan Russia, Rybachy	54.28N, 16.25E 55.09N, 20.51E	& XF 65194	176 days, 294 km, 75°

KZ09380	Poland, Gdansk	28.10.2004	M	3	Poland, Koszalin, Bukowo-Kopan	54.28N, 16.25E			150 days, 294 km, 75°
		27.03.2005	M	5	Russia, Rybachy	55.09N, 20.51E	& XF 65052		
KZ50717	Poland, Gdansk	28.10.2004	F	3	Poland, Gdansk, Mierzeja Wislana	54.21N, 19.19E			151 days, 122 km, 48°
		28.03.2005	F	5	Russia, Fringilla	55.05N, 20.44E	& XF 62612		
KZ50766	Poland, Gdansk	29.10.2004	M	5	Poland, Gdansk, Mierzeja Wislana	54.21N, 19.19E			151 days, 133 km, 48°
		29.03.2005	M	6	Russia, Rybachy	55.09N, 20.51E	& XF 65229		
KZ51473	Poland, Gdansk	28.03.2005	F	5	Poland, Gdansk, Hel	54.46N, 18.28E			3 days, 149 km, 76°
		31.03.2005	F	5	Russia, Fringilla	55.05N, 20.44E	& XF 63376		
KZ53559	Poland, Gdansk	18.04.2005	F	5	Poland, Gdansk, Hel	54.46N, 18.28E			22 days, 158 km, 74°
		10.05.2005	F	5	Russia, Rybachy	55.09N, 20.51E	& XF 76986		
<b>14860. <i>Certhia familiaris</i>, Treecreeper (1)</b>									
90485	Latvia, Riga	13.10.2005	I	2	Latvia, Liepaja, Pape	56.09N, 21.03E			8 days, 115 km, 186°
		21.10.2005	I	3	Russia, Rybachy	55.09N, 20.51E	& VD 74628		
<b>14870. <i>Certhia brachydactyla</i>, Short-toed Treecreeper (1)</b>									
XP11790	Lithuania, Kaunas	22.04.2005	I	4	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			2 days, 43 km, 226°
		25.04.2005	M	5	Russia, Fringilla	55.05N, 20.44E	& VD 46582		
<b>14900. <i>Remiz pendulinus</i>, Penduline Tit (4)</b>									
4920354	France, Paris	20.10.2004	I	3	France, Savoie, Morz, Confluent du Fier	45.55N, 5.50E			296 days, 1475 km, 46°
		12.08.2005	I	4	Russia, Rybachy	55.09N, 20.51E	& XY 11297		
<b>15630. <i>Corvus frugilegus</i>, Rook (2)</b>									
HA016004	Germany, Hiddensee	16.12.1997			Germany, Rostock, Greifswald	54.06N, 13.23E			2657 days, 469 km, 81°
		26.03.2005			Russia, Kaliningrad	54.44N, 20.33E	(?)		
HA021848	Germany, Hiddensee	13.11.2003	I	4	Germany, Rostock, Greifswald	54.06N, 13.22E			553 days, 495 km, 76°
		19.05.2005	I	6	Russia, Rybachy	55.09N, 20.51E	(x)		
<b>15820. <i>Sturnus vulgaris</i>, Starling (8)</b>									
H279258	Estonia, Matsalu	25.05.2002	I	1	Estonia, Pärnu, Vana-Järve	58.01N, 24.43E			58 days, 397 km, 217°
		22.07.2002	I	3	Russia, Rybachy	55.09N, 20.51E	& K 005416		



KV14762	Lithuania, Kaunas	19.06.2005	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& TA 19242	2 days, 43 km, 226°	
KV14787	Lithuania, Kaunas	21.06.2005	F	3	Russia, Fringilla	55.05N, 20.44E	& TA 19138	1 day, 43 km, 226°	
KV14899	Lithuania, Kaunas	20.06.2005	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& TA 19160	1 day, 43 km, 226°	
KV22322	Lithuania, Kaunas	21.06.2005	M	3	Russia, Fringilla	55.05N, 20.44E	& TA 19137	1 day, 43 km, 226°	
KV22654	Lithuania, Kaunas	20.06.2005	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& TA 19278	1 day, 43 km, 226°	
KV25280	Lithuania, Kaunas	21.06.2005	F	3	Russia, Fringilla	55.05N, 20.44E	& TA 20366	25 days, 43 km, 226°	
KV26848	Lithuania, Kaunas	22.06.2005	I	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& TA 18459	15 days, 32 km, 226°	
		01.07.2005	F	3	Russia, Fringilla	55.05N, 20.44E			
		26.07.2005	M	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
		25.07.2005	I	3	Russia, Fringilla	55.05N, 20.44E			
		09.08.2005	F	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E			
			F	3	Russia, Rybachy	55.09N, 20.51E			
<b>16360. Fringilla coelebs, Chaffinch (1)</b>									
1856037	Estonia, Matsalu	06.10.2000	M	3	Estonia, Pärnu, Kabli	58.01N, 24.27E	& XT 76064	11 days, 398 km, 215°	
		17.10.2000	M	3	Russia, Fringilla	55.05N, 20.44E			
<b>16490. Carduelis chloris, Greenfinch (1)</b>									
2KK73976	Sweden, Stockholm	16.10.2004	M	3	Sweden, Blekinge, Utklippan	55.57N, 15.42E	& N 00128	173 days, 331 km, 107°	
		06.04.2005	M	5	Russia, Fringilla	55.05N, 20.44E			
<b>16540. Siskin, Carduelis spinus (5)</b>									
8019405	Belgium, Bruxelles	03.03.2003	M	5	Belgium, Antwerpen, Oud Turnhout	51.19N, 4.59E	& XY 03204	785 days, 1129 km, 68°	
		26.04.2005	M	6	Russia, Fringilla	55.05N, 20.44E			
S299568	Czech Republic, Prague	30.03.2005	M	6	Czech Republic, Prague, Satalice	50.08N, 14.34E	& XY 04351	89 days, 690 km, 37°	
		27.06.2005	M	6	Russia, Fringilla	55.05N, 20.44E			
VT04005	Lithuania, Kaunas	10.09.2004	M	3	Lithuania, Šilute, Ventes Ragas	55.21N, 21.13E	& XF 74850	211 days, 43 km, 226°	
		09.04.2005	M	6	Russia, Fringilla	55.05N, 20.44E			
BZ0969	Spain, Madrid	07.12.2002	M	3	Spain, Albacete, Apera	38.50N, 1.16W	& XF 63305	844 days, 2444 km, 43°	
	(Icna)	30.03.2005	M	6	Russia, Fringilla	55.05N, 20.44E			

DD1146 Spain, Madrid (Icona)	29.12.2004	F	3	Spain, Gerona, Sant Gregori	41.59N, 2.41E			
	26.04.2005	F	6	Russia, Fringilla	55.05N, 20.44E	& XY 03113	118 days, 1970 km, 42°	
<b>16790. Carpodacus erythrinus, Scarlet Rosefinch (1)</b>								
VT49024 Lithuania, Kaunas	27.05.2005	M	5	Lithuania, Ventres Ragas	55.21N, 21.13E			
	31.05.2005	F	4	Russia, Rybachy	55.09N, 20.51E	& XY 10251	4 days, 32 km, 226°	

### 2.3. Data with ringing information still not available.

#### 14370. Aegithalos caudatus, Long-tailed Tit (3)

XB57018 Estonia, Matsalu	08.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E	& VD 55069		
XP22954 Lithuania, Kaunas	11.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E	V		
XP54398 Lithuania, Kaunas	09.10.2005	I	2	Russia, Fringilla	55.05N, 20.44E	& VD 55500		

#### 14640. Parus major, Great Tit (1)

MA08162 Poland, Gdansk	30.03.2005	F	6	Russia, Fringilla	55.05N, 20.44E	& XF 63069		
------------------------	------------	---	---	-------------------	----------------	------------	--	--

## References

- Bairlein, F., Jenni, I., Kaiser, A., Karlsson, L., van Noordwijk, A., Peach, W., Pilastro, A., Spina, F. & Walinder, G. 1995. European-African Songbird Migration Network. Manual of Field Methods: 1-34. Wilhelmshaven.
- Berthold, P., Fliege, G., Heine, G., Querner, U. & Schlenker, R. 1991. Wegzug, Rastverhalten, Biometrie und Mauser von Kleinvögeln in Mitteleuropa. *Vogelwarte* 36 (Sonderheft): 1-221.
- Bolshakov, C.V., Shapoval, A.P. & Zelenova, N.P. 1999. Results of bird trapping and ringing by the Biological Station "Rybachy" on the Courish Spit in 1998. *Avian Ecol. Behav.* 2: 105-150.
- Bolshakov, C.V., Shapoval, A.P. & Zelenova, N.P. 2000. Results of bird trapping and ringing by the Biological Station "Rybachy" on the Courish Spit in 1999. *Avian Ecol. Behav.* 4: 85-145.
- Bolshakov, C.V., Shapoval, A.P. & Zelenova, N.P. 2002a. Results of bird trapping and ringing by the Biological Station "Rybachy" on the Courish Spit in 2000. *Avian Ecol. Behav.* 8: 109-166.
- Bolshakov, C.V., Shapoval, A.P. & Zelenova, N.P. 2002b. Results of bird trapping and ringing by the Biological Station "Rybachy" on the Courish Spit in 2001. *Avian Ecol. Behav.* 9: 67-114.
- Bolshakov, C.V., Shapoval, A.P. & Zelenova, N.P. 2003. Results of bird trapping and ringing by the Biological Station "Rybachy" on the Courish Spit in 2002. *Avian Ecol. Behav.* 10: 67-114.
- Bolshakov, C.V., Shapoval, A.P. & Zelenova, N.P. 2004. Results of bird trapping and ringing by the Biological Station "Rybachy" on the Courish Spit in 2003. *Avian Ecol. Behav.* 12: 77-132.
- Bolshakov, C.V., Shapoval, A.P. & Zelenova, N.P. 2005. Results of bird trapping and ringing by the Biological Station "Rybachy" on the Courish Spit in 2004. *Avian Ecol. Behav.* 13: 47-95.
- Bub, H. 1991. Bird trapping and bird banding: a handbook for trapping methods all over the world. Cornell University press. Ithaca, New York. 328 p.
- Dolnik, V.R. & V.A. Payevsky. 1976. Rybachy-type trap. In: Ilyichev, V.D. (ed.) Ringing in the study of migrations of birds of USSR fauna. Nauka Press, Moscow: 73-81 (in Russian).
- Erik, V.V. 1967. Large trap for mass ringing of birds. In: Migrations of birds in the Baltic area. Leningrad: 51-55 (in Russian).
- EURING manual: new EURING. BTO publ., 1979.
- Jonsson L., 1992. Birds of Europe. Christopher Helm, A & C. Black, London. 559 p.
- Payevsky, V.A. 2000. Rybachy-type trap. In: Busse P. (ed.). Bird Station Manual, Gdansk University press: 20-24.
- Sokolov, L.V. 1999. Population dynamics in 20 sedentary and migratory passerine species on the Courish Spit on the Baltic Sea. *Avian Ecol. Behav.* 3: 23-50.
- Sokolov, L.V. & Payevsky, V.A. 1998. Spring temperatures influence year-to-year variations in the breeding phenology of passerines on the Courish Spit, Eastern Baltic. *Avian Ecol. Behav.* 1: 22-36.
- Sokolov, L.V., Markovets, M.Yu., Shapoval, A.P. & Morosov, Yu.G. 1998 a. Long-term trends in the timing of spring migration of passerines on the Courish Spit of the Baltic Sea. *Avian Ecol. Behav.* 1: 1-21.
- Sokolov, L.V., Markovets, M.Yu. & Morosov, Yu.G. 1998 b. Long-term dynamics of the mean date of autumn migration in passerines of the Courish Spit of the Baltic Sea. *Avian Ecol. Behav.* 2: 1-18.

- Sokolov, L.V., Yefremov, V.D., Markovets, M.Yu., Shapoval, A.P. & Shumakov, M.E. 2000. Monitoring of numbers of passage populations of passerines over 42 years (1958-1999) on the Courish Spit of the Baltic Sea. *Avian Ecol. Behav.* 4: 31-53.
- Sokolov, L.V., Baumanis, J., Leivits, A., Poluda, A.M., Yefremov, V.D., Markovets, M.Yu., Morosov, Yu.G. & Shapoval, A.P. 2001a. Changes in numbers of passerines in Europe in the second half on 20th century. *Proc. Intern. Ornithol. Conference. Kazan*, 187-212.
- Sokolov, L.V., Baumanis, J., Leivits, A., Poluda, A.M., Yefremov, V.D., Markovets, M.Yu., Morosov, Yu.G. & Shapoval, A.P. 2001b. Comparative analysis of long-term monitoring data on numbers of passerines in nine European countries in the second half on 20th century. *Avian Ecol. Behav.* 7: 41-74.
- Sokolov, L.V., Markovets, M.Yu., Yefremov, V.D. & Shapoval, A.P. 2002a. Long-term monitoring of number of irruptions species on the Courish Spit of the Baltic Sea. *Proc. Intern. Symposium. Kazan*, 18-29.
- Sokolov, L.V., Markovets, M.Yu., Yefremov, V.D. & Shapoval, A.P. 2002b. Irregular migrations (irruptions) in six bird species on the Courish Spit of the Baltic Sea in 1957-2002. *Avian Ecol. Behav.* 9: 39-53.
- Sokolov, L.V., Kosarev, V.V., Fedoseeva, N.V., Markovets, M.Yu., Shapoval, A.P. & Yefremov, V.D. 2003 a. Relationship between autumn numbers of the Coal Tit *Parus ater*, air temperatures and North Atlantic Oscillation index. *Avian Ecol. Behav.* 11: 71-88.
- Sokolov, L.V., Yefremov, V.D. & Shapoval, A.P. 2003 b. Long-term monitoring of number of irruption species – long-tailed tit (*Aegithalos caudatus*) on the Courish Spit of the Baltic Sea. Abstract Volume 4th Conference of the European Ornithologists' Union, Germany, 2003: 77-78.