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EURING GENERAL ASSEMBLY – Strasbourg, France 2005

Report of the Gdańsk Ringing Scheme 2003–2004



Compiled by Tomasz Mokwa, 19.08.2005.

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Table of contents:

Part 1 – Report of the Gdańsk Ringing Scheme..... 2

Part 2 – Number of birds ringed and recovered by the Gdańsk Ringing Scheme in 2003 and 2004 5

Short history

Bird ringing started in Poland in 1931 in the State Zoological Museum in Warsaw. In years 1931-1939 the Polish ringing scheme was subordinated to the director of the State Zoological Museum in Warsaw, in the years 1945-1990 to the director of the Institute of Zoology PAS, and then, in years 1991-2001- to the director of the Institute of Ecology PAS. To the end of the year 2001 Gdansk Ringing Scheme was run by the Ornithological Station, functioning as a department of the Institute of Ecology of the Polish Academy of Sciences (PAS), located near Warsaw. In the beginning of 2002 year the basic change in the status of the Station was done. By the decision of the President of PAS, the Station was removed from the Institute of Ecology and declared as independent Institute for Ornithology PAS located in Gdansk, subordinated only to PAS. The ringing scheme is a separated part of the Institute. Prof dr Maciej Gromadzki is appointed as Institute Director, and Tomasz Mokwa as Head of the Gdansk Ringing Scheme.

Ringers and ringing courses

All ringers are licensed every year by the Institute for Ornithology PAS on the base of the permission given by the Ministry for Environment.

The candidates for ringers for their first license have to pass an exam, including the field test checking the knowledge of bird species, age and sex criteria as well as the attitude of the candidate to living birds kept in hand. In 2003 seventeen, in 2004 sixteen new-accepted ringers got their ringer licenses.

In 2003 there were 258 licensed ringers in Poland, but only 173 of them were ringing actively.

In 2004 there were 270 licensed ringers in Poland, 183 were ringing actively.

Rings

Gdańsk rings are made by the Polish producer "Aranea". 22 different sizes made of two kinds of material (steel and aluminium) are used. From June 2001 ringers have to pay for same rings. Only rings used on our scientific programs (CES, Swallow Project, Mediterranean Gull Project) are free.

Colour–ringing and other marks

Colour–ringing and marking is coordinated by the ringing scheme, but administration is done by the users. There are regular contacts with international coordinators. The colour–ring website of Dirk Reas is used regularly.

Ringing projects

1. International projects

- CES,
- EURING Swallow Project,
- International Monitoring of Raptors & Owls (White–tailed Eagle, Osprey, Lesser Spotted Eagle, Spotted Eagle, Eagle Owl),
- Monitoring of Waders during autumn migration (4 sites),
- SE European Network (5 sites).

2. National projects

- Monitoring of the White Stork,
- Wintering Jack Snipe in Poland,
- Monitoring of the breeding population of the Mute Swan,
- Monitoring of the breeding population of the Whooper Swan,
- Other species projects (Cormorant, Night Heron, Black Stork, Greylag Goose, Kestrel, Peregrine Falcon, Mediterranean Gull, Herring Gull, Yellow–legged Gull, Syrian Woodpecker, House Martin, Citrine Wagtail, Dipper and others).

CES

Gdansk Ringing Scheme joined the Constant Effort Site Project in 1999. From 2003 to 2004 working 9 CES sites yearly.

EURING Swallow Project

Gdansk Ringing Scheme joined the EURING Swallow Project in 2000. There were 976 adults and 3142 juveniles Barn Swallows captured in reedbeds (at 10 roosting places) Poland in 2003 by 12 ringers. In 2004 – 744 adults and 5826 juveniles Barn Swallows captured in reedbeds at 4 roosting places by 16 ringers.

Computer system development

Ringling data

All ringling data have been put into computer since 2001. Ringling details from years 1931–2000 were put into computer partially (only number of ring, species, sex, age and data).

Recoveries

Since 1987 all recoveries have been prepared by computer. About 90% of recoveries received earlier have been already put into computer as well.

Number of recoveries in 2003

12073 – total number
1658 – recoveries of birds ringed abroad
10415 – Polish recoveries

Number of recoveries in 2004

11509 – total number
1571 – recoveries of birds ringed abroad
9938 – Polish recoveries

Annual Report

Published annually.

Part 2

**Number of birds ringed and recovered by the
Gdańsk Ringing Scheme in 2003 and 2004**

**Number of birds ringed and recovered by the Gdańsk Ringing Scheme
in 2003**

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2003
00020	<i>Gavia stellata</i>	0	1	1	0
00030	<i>Gavia arctica</i>	0	1	1	0
00070	<i>Tachybaptus ruficollis</i>	0	4	4	0
00090	<i>Podiceps cristatus</i>	2	4	6	0
00100	<i>Podiceps griseigena</i>	0	21	21	0
00210	<i>Macronectes giganteus</i>	0	0	0	1
00720	<i>Phalacrocorax carbo</i>	26	0	26	8
00950	<i>Botaurus stellaris</i>	39	0	39	0
00980	<i>Ixobrychus minutus</i>	10	0	10	0
01040	<i>Nycticorax nycticorax</i>	157	0	157	26
01210	<i>Egretta alba</i>	8	1	9	0
01220	<i>Ardea cinerea</i>	66	0	66	2
01310	<i>Ciconia nigra</i>	55	2	57	4
01340	<i>Ciconia ciconia</i>	675	7	682	80
01520	<i>Cygnus olor</i>	59	613	672	3621
01532	<i>Cygnus columbianus</i>	0	0	0	0
01540	<i>Cygnus cygnus</i>	8	2	10	38
01541	<i>Cygnus olor x cygnus</i>	3	0	3	0
01570	<i>Anser fabalis</i>	0	0	0	0
01590	<i>Anser albifrons</i>	0	0	0	0
01610	<i>Anser anser</i>	40	0	40	17
01660	<i>Branta canadensis</i>	0	2	2	0
01680	<i>Branta bernicla</i>	0	2	2	0
01770	<i>Aix sponsa</i>	0	1	1	0
01780	<i>Aix galericulata</i>	0	1	1	3
01790	<i>Anas penelope</i>	0	1	1	0
01820	<i>Anas strepera</i>	0	3	3	0
01840	<i>Anas crecca</i>	0	28	28	4
01860	<i>Anas platyrhynchos</i>	23	279	302	69
01910	<i>Anas querquedula</i>	0	32	32	1
01940	<i>Anas clypeata</i>	0	1	1	2
01980	<i>Aythya ferina</i>	0	1	1	0
02030	<i>Aythya fuligula</i>	0	2	2	1
02180	<i>Bucephala clangula</i>	0	0	0	0
02230	<i>Mergus merganser</i>	0	0	0	0

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2003
02310	<i>Pernis apivorus</i>	1	2	3	0
02380	<i>Milvus migrans</i>	2	0	2	0
02390	<i>Milvus milvus</i>	0	0	0	1
02430	<i>Haliaeetus albicilla</i>	72	3	75	14
02510	<i>Gyps fulvus</i>	0	0	0	0
02560	<i>Circaetus gallicus</i>	1	0	1	0
02600	<i>Circus aeruginosus</i>	34	5	39	1
02610	<i>Circus cyaneus</i>	0	1	1	0
02630	<i>Circus pygargus</i>	10	0	10	0
02670	<i>Accipiter gentilis</i>	26	10	36	3
02690	<i>Accipiter nisus</i>	24	205	229	7
02870	<i>Buteo buteo</i>	33	77	110	5
02900	<i>Buteo lagopus</i>	0	1	1	0
02920	<i>Aquila pomarina</i>	133	0	133	4
02930	<i>Aquila clanga</i>	5	1	6	0
02960	<i>Aquila chrysaetos</i>	0	0	0	0
03010	<i>Pandion haliaetus</i>	17	0	17	1
03040	<i>Falco tinnunculus</i>	234	102	336	12
03090	<i>Falco columbarius</i>	0	1	1	0
03200	<i>Falco peregrinus</i>	31	0	31	1
03320	<i>Tetrao tetrix</i>	0	20	20	0
03670	<i>Perdix perdix</i>	0	6	6	0
03700	<i>Coturnix coturnix</i>	0	2	2	0
04070	<i>Rallus aquaticus</i>	7	24	31	1
04080	<i>Porzana porzana</i>	0	12	12	0
04100	<i>Porzana parva</i>	0	1	1	0
04210	<i>Crex crex</i>	0	19	19	1
04240	<i>Gallinula chloropus</i>	0	2	2	0
04290	<i>Fulica atra</i>	2	114	116	3
04330	<i>Grus grus</i>	1	0	1	1
04690	<i>Charadrius dubius</i>	1	93	94	3
04700	<i>Charadrius hiaticula</i>	20	108	128	1
04850	<i>Pluvialis apricaria</i>	0	2	2	0
04930	<i>Vanellus vanellus</i>	17	46	63	2
04960	<i>Calidris canutus</i>	0	16	16	1
05010	<i>Calidris minuta</i>	0	35	35	4
05020	<i>Calidris temminckii</i>	0	52	52	0
05090	<i>Calidris ferruginea</i>	0	85	85	13

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2003
05120	<i>Calidris alpina</i>	0	111	111	177
05140	<i>Limicola falcinellus</i>	0	2	2	0
05170	<i>Philomachus pugnax</i>	0	316	316	1
05180	<i>Lymnocyptes minimus</i>	0	573	573	22
05190	<i>Gallinago gallinago</i>	0	560	560	35
05200	<i>Gallinago media</i>	0	1	1	0
05290	<i>Scolopax rusticola</i>	0	44	44	6
05320	<i>Limosa limosa</i>	0	1	1	0
05340	<i>Limosa lapponica</i>	0	0	0	1
05410	<i>Numenius arquata</i>	2	9	11	0
05430	<i>Tringa nebularia</i>	0	7	7	0
05450	<i>Tringa erythropus</i>	0	8	8	0
05460	<i>Tringa totanus</i>	0	50	50	5
05530	<i>Tringa ochropus</i>	0	45	45	0
05540	<i>Tringa glareola</i>	0	2062	2062	6
05560	<i>Actitis hypoleucos</i>	0	222	222	4
05610	<i>Arenaria interpres</i>	0	14	14	5
05750	<i>Larus melanocephalus</i>	11	12	23	36
05820	<i>Larus ridibundus</i>	1935	666	2601	923
05900	<i>Larus canus</i>	154	293	447	158
05910	<i>Larus fuscus</i>	0	2	2	1
05920	<i>Larus argentatus/cachinnans</i>	175	5	180	45
05920	<i>Larus cachinnans/michahellis</i>	168	5	173	27
05921	<i>Larus argentatus</i>	179	238	417	679
05927	<i>Larus cachinnans</i>	10	24	34	92
05990	<i>Larus hyperboreus</i>	0	1	1	2
06000	<i>Larus marinus</i>	0	3	3	1
06150	<i>Sterna hirundo</i>	297	0	297	8
06240	<i>Sterna albifrons</i>	5	0	5	0
06260	<i>Chlidonias hybridus</i>	72	8	80	4
06270	<i>Chlidonias niger</i>	37	1	38	0
06340	<i>Uria aalge</i>	0	0	0	0
06360	<i>Alca torda</i>	0	0	0	0
06380	<i>Cephus grylle</i>	0	0	0	0
06700	<i>Columba palumbus</i>	12	4	16	0
06840	<i>Streptopelia decaocto</i>	31	24	55	4
06870	<i>Streptopelia turtur</i>	2	0	2	0
07240	<i>Cuculus canorus</i>	4	19	23	0

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2003
07350	Tyto alba	41	25	66	4
07440	Bubo bubo	10	4	14	1
07510	Glaucidium passerinum	9	0	9	0
07570	Athene noctua	14	3	17	0
07610	Strix aluco	7	13	20	0
07650	Strix uralensis	2	0	2	0
07670	Asio otus	5	362	367	7
07680	Asio flammeus	0	50	50	0
07700	Aegolius funereus	3	39	42	0
07780	Caprimulgus europaeus	0	12	12	0
07950	Apus apus	9	48	57	2
08310	Alcedo atthis	70	135	205	21
08460	Upupa epops	6	0	6	0
08480	Jynx torquilla	38	30	68	1
08550	Picus canus	0	2	2	1
08560	Picus viridis	0	4	4	0
08630	Dryocopus martius	0	10	10	0
08760	Dendrocopos major	0	180	180	30
08780	Dendrocopos syriacus	0	5	5	0
08781	Dendrocopos major x syriacus	0	1	1	0
08830	Dendrocopos medius	0	20	20	7
08840	Dendrocopos leucotos	0	1	1	0
08870	Dendrocopos minor	0	36	36	9
08980	Picoides tridactylus	8	4	12	0
09740	Lullula arborea	9	13	22	0
09760	Alauda arvensis	3	8	11	0
09810	Riparia riparia	0	532	532	9
09920	Hirundo rustica	5574	3992	9566	414
24998	Del. urbica x Hir. rustica	0	1	1	0
10010	Delichon urbica	483	546	1029	17
10090	Anthus trivialis	0	94	94	0
10110	Anthus pratensis	0	44	44	0
10141	Anthus spinoletta	0	0	0	1
10170	Motacilla flava	0	1704	1704	8
10180	Motacilla citreola	13	10	23	3
10190	Motacilla cinerea	104	32	136	1
10200	Motacilla alba	53	939	992	3
10500	Cinclus cinclus	162	122	284	14

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2003
10660	Troglodytes troglodytes	0	271	271	7
10840	Prunella modularis	1	365	366	13
10990	Erithacus rubecula	13	11550	11563	116
11030	Luscinia luscinia	1	97	98	17
11040	Luscinia megarhynchos	0	34	34	6
11060	Luscinia svecica	0	49	49	3
11210	Phoenicurus ochruros	192	149	341	45
11220	Phoenicurus phoenicurus	35	379	414	5
11370	Saxicola rubetra	21	149	170	2
11390	Saxicola torquata	0	11	11	0
11460	Oenanthe oenanthe	2	6	8	0
11870	Turdus merula	341	1208	1549	147
11970	Turdus ruficollis	0	1	1	0
11980	Turdus pilaris	21	208	229	4
12000	Turdus philomelos	52	1236	1288	15
12010	Turdus iliacus	0	306	306	3
12020	Turdus viscivorus	0	26	26	0
12360	Locustella naevia	0	53	53	1
12370	Locustella fluviatilis	0	32	32	1
12380	Locustella luscinoides	17	192	209	9
12420	Acrocephalus paludicola	1	32	33	0
12430	Acrocephalus schoenobaenus	131	1364	1495	36
12500	Acrocephalus palustris	84	586	670	5
12510	Acrocephalus scirpaceus	57	1909	1966	140
12530	Acrocephalus arundinaceus	228	276	504	19
12550	Hippolais pallida	0	1	1	0
12590	Hippolais icterina	6	243	249	8
12730	Sylvia nisoria	4	60	64	5
12740	Sylvia curruca	15	1338	1353	49
12750	Sylvia communis	17	655	672	93
12760	Sylvia borin	1	584	585	23
12770	Sylvia atricapilla	38	3798	3836	102
12980	Phylloscopus proregulus	0	6	6	0
13000	Phylloscopus inornatus	0	2	2	0
13010	Phylloscopus schwarzi	0	2	2	0
13080	Phylloscopus sibilatrix	16	80	96	0
13110	Phylloscopus collybita	1	2375	2376	64
13120	Phylloscopus trochilus	0	1281	1281	59

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2003
13140	Regulus regulus	0	2325	2325	5
13150	Regulus ignicapillus	0	64	64	0
13350	Muscicapa striata	16	312	328	4
13430	Ficedula parva	46	64	110	0
13480	Ficedula albicollis	169	18	187	37
13490	Ficedula hypoleuca	290	441	731	0
13640	Panurus biarmicus	160	327	487	40
14370	Aegithalos caudatus	32	2086	2118	66
14400	Parus palustris	206	196	402	46
14420	Parus montanus	7	412	419	63
14540	Parus cristatus	7	44	51	7
14610	Parus ater	124	1055	1179	1
14620	Parus caeruleus	1177	10432	11609	371
14640	Parus major	5856	11424	17280	1423
14790	Sitta europaea	239	106	345	24
14860	Certhia familiaris	0	184	184	6
14870	Certhia brachydactyla	3	33	36	9
14900	Remiz pendulinus	2	183	185	7
15080	Oriolus oriolus	0	19	19	0
15150	Lanius collurio	145	152	297	3
15200	Lanius excubitor	43	115	158	0
15390	Garrulus glandarius	25	110	135	5
15490	Pica pica	30	15	45	0
15570	Nucifraga caryocatactes	0	2	2	0
15600	Corvus monedula	28	32	60	1
15630	Corvus frugilegus	2	29	31	0
15673	Corvus cornix	42	5	47	2
15720	Corvus corax	0	2	2	0
15820	Sturnus vulgaris	1098	293	1391	25
15910	Passer domesticus	0	33	33	2
15980	Passer montanus	43	129	172	1
16360	Fringilla coelebs	31	1130	1161	23
16380	Fringilla montifringilla	0	69	69	0
16400	Serinus serinus	0	30	30	0
16490	Carduelis chloris	18	2677	2695	349
16530	Carduelis carduelis	1	201	202	4
16540	Carduelis spinus	0	833	833	3
16600	Carduelis cannabina	43	31	74	1

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2003
16630	Carduelis flammea	0	49	49	0
16660	Loxia curvirostra	0	7	7	0
16790	Carpodacus erythrinus	13	55	68	4
17100	Pyrrhula pyrrhula	0	204	204	18
17170	Coc. coccothraustes	4	229	233	25
18570	Emberiza citrinella	13	728	741	60
18660	Emberiza hortulana	0	1	1	0
18740	Emberiza pusilla	0	1	1	0
18770	Emberiza schoeniclus	26	1118	1144	32
18820	Miliaria calandra	1	33	34	0
TOTAL		22 794	85 357	108 151	10 415

Remarks:

1. Only recoveries concerning Polish rings are put here.

**Number of birds ringed and recovered by the Gdańsk Ringing Scheme
in 2004**

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2004
00070	<i>Tachybaptus ruficollis</i>	0	6	6	0
00090	<i>Podiceps cristatus</i>	0	1	1	1
00100	<i>Podiceps griseigena</i>	3	18	21	6
00720	<i>Phalacrocorax carbo</i>	435	2	437	18
00950	<i>Botaurus stellaris</i>	35	2	37	0
00980	<i>Ixobrychus minutus</i>	16	3	19	0
01040	<i>Nycticorax nycticorax</i>	42	0	42	3
01210	<i>Egretta alba</i>	8	0	8	0
01220	<i>Ardea cinerea</i>	29	0	29	3
01240	<i>Ardea purpurea</i>	18	0	18	0
01310	<i>Ciconia nigra</i>	118	0	118	5
01340	<i>Ciconia ciconia</i>	935	43	978	50
01520	<i>Cygnus olor</i>	93	617	710	2650
01532	<i>Cygnus columbianus</i>	0	0	0	0
01540	<i>Cygnus cygnus</i>	10	3	13	48
01570	<i>Anser fabalis</i>	0	1	1	0
01590	<i>Anser albifrons</i>	0	4	4	0
01610	<i>Anser anser</i>	0	0	0	32
01670	<i>Branta leucopsis</i>	0	0	0	0
01730	<i>Tadorna tadorna</i>	10	1	11	0
01780	<i>Aix galericulata</i>	0	6	6	2
01790	<i>Anas penelope</i>	0	1	1	0
01820	<i>Anas strepera</i>	0	0	0	1
01840	<i>Anas crecca</i>	0	126	126	1
01860	<i>Anas platyrhynchos</i>	25	145	170	40
01910	<i>Anas querquedula</i>	1	31	32	1
01940	<i>Anas clypeata</i>	0	1	1	0
01949	<i>Anas platyrhynchos x strepera</i>	0	1	1	0
01980	<i>Aythya ferina</i>	0	0	0	0
02030	<i>Aythya fuligula</i>	0	0	0	1
02120	<i>Clangula hyemalis</i>	0	1	1	0
02150	<i>Melanitta fusca</i>	0	0	0	0
02180	<i>Bucephala clangula</i>	0	0	0	0

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2004
02310	<i>Pernis apivorus</i>	1	0	1	0
02380	<i>Milvus migrans</i>	5	0	5	1
02390	<i>Milvus milvus</i>	0	1	1	0
02430	<i>Haliaeetus albicilla</i>	74	9	83	20
02600	<i>Circus aeruginosus</i>	46	4	50	0
02610	<i>Circus cyaneus</i>	0	1	1	0
02630	<i>Circus pygargus</i>	3	1	4	0
02670	<i>Accipiter gentilis</i>	24	7	31	1
02690	<i>Accipiter nisus</i>	41	152	193	6
02870	<i>Buteo buteo</i>	111	26	137	9
02900	<i>Buteo lagopus</i>	0	1	1	0
02920	<i>Aquila pomarina</i>	146	1	147	3
02930	<i>Aquila clanga</i>	4	1	5	0
02960	<i>Aquila chrysaetos</i>	10	0	10	0
03010	<i>Pandion haliaetus</i>	20	0	20	0
03040	<i>Falco tinnunculus</i>	308	82	390	32
03100	<i>Falco subbuteo</i>	0	0	0	0
03200	<i>Falco peregrinus</i>	34	1	35	3
03320	<i>Tetrao tetrix</i>	0	58	58	0
03670	<i>Perdix perdix</i>	0	3	3	1
04070	<i>Rallus aquaticus</i>	1	12	13	0
04080	<i>Porzana porzana</i>	3	34	37	0
04100	<i>Porzana parva</i>	0	4	4	0
04210	<i>Crex crex</i>	0	26	26	1
04240	<i>Gallinula chloropus</i>	3	10	13	0
04290	<i>Fulica atra</i>	0	73	73	26
04330	<i>Grus grus</i>	0	0	0	1
04500	<i>Haematopus ostralegus</i>	7	3	10	0
04690	<i>Charadrius dubius</i>	7	163	170	1
04700	<i>Charadrius hiaticula</i>	4	74	78	1
04850	<i>Pluvialis apricaria</i>	0	1	1	0
04860	<i>Pluvialis squatarola</i>	0	1	1	0
04930	<i>Vanellus vanellus</i>	17	61	78	0
04960	<i>Calidris canutus</i>	0	6	6	1
04970	<i>Calidris alba</i>	0	5	5	0
05010	<i>Calidris minuta</i>	0	83	83	2
05020	<i>Calidris temminckii</i>	0	61	61	2
05090	<i>Calidris ferruginea</i>	0	72	72	1

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2004
05120	<i>Calidris alpina</i>	0	212	212	40
05140	<i>Limicola falcinellus</i>	0	5	5	0
05170	<i>Philomachus pugnax</i>	0	240	240	0
05180	<i>Lymnocyptes minimus</i>	0	286	286	19
05190	<i>Gallinago gallinago</i>	0	1568	1568	28
05290	<i>Scolopax rusticola</i>	0	38	38	1
05340	<i>Limosa lapponica</i>	0	18	18	0
05410	<i>Numenius arquata</i>	0	40	40	0
05430	<i>Tringa nebularia</i>	0	26	26	0
05450	<i>Tringa erythropus</i>	0	13	13	0
05460	<i>Tringa totanus</i>	1	41	42	3
05530	<i>Tringa ochropus</i>	0	37	37	0
05540	<i>Tringa glareola</i>	0	1944	1944	16
05560	<i>Actitis hypoleucos</i>	0	303	303	4
05610	<i>Arenaria interpres</i>	0	5	5	0
05750	<i>Larus melanocephalus</i>	5	20	25	39
05820	<i>Larus ridibundus</i>	1678	316	1994	379
05900	<i>Larus canus</i>	257	283	540	119
05910	<i>Larus fuscus</i>	0	2	2	4
05920	<i>Larus argentatus/cachinnans</i>	39	3	42	69
05920	<i>Larus argentatus sensu lato</i>	113	3	116	400
05920	<i>Larus cachinnans/michahellis</i>	0	2	2	55
05920	<i>Larus argentatus kolonia</i>	69	0	69	6
05920	<i>Larus cachinnans kolonia</i>	260	0	260	12
05921	<i>Larus argentatus</i>	83	158	241	4
05926	<i>Larus michahellis</i>	0	0	0	0
05927	<i>Larus cachinnans</i>	39	78	117	105
06000	<i>Larus marinus</i>	0	4	4	1
06020	<i>Rissa tridactyla</i>	0	0	0	0
06150	<i>Sterna hirundo</i>	371	4	375	4
06240	<i>Sterna albifrons</i>	6	5	11	0
06260	<i>Chlidonias hybridus</i>	98	29	127	1
06270	<i>Chlidonias niger</i>	8	26	34	0
06280	<i>Chlidonias leucopterus</i>	226	1	227	0
06340	<i>Uria aalge</i>	0	0	0	0
06360	<i>Alca torda</i>	0	0	0	0
06380	<i>Cephus grylle</i>	0	0	0	0
06680	<i>Columba oenas</i>	3	0	3	0

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2004
06700	<i>Columba palumbus</i>	9	11	20	0
06840	<i>Streptopelia decaocto</i>	16	14	30	3
07240	<i>Cuculus canorus</i>	7	14	21	0
07350	<i>Tyto alba</i>	39	10	49	5
07440	<i>Bubo bubo</i>	3	2	5	2
07570	<i>Athene noctua</i>	16	2	18	0
07610	<i>Strix aluco</i>	3	11	14	5
07670	<i>Asio otus</i>	4	785	789	15
07680	<i>Asio flammeus</i>	0	117	117	0
07700	<i>Aegolius funereus</i>	5	17	22	0
07780	<i>Caprimulgus europaeus</i>	0	9	9	0
07950	<i>Apus apus</i>	42	289	331	1
08310	<i>Alcedo atthis</i>	109	198	307	16
08460	<i>Upupa epops</i>	15	9	24	0
08480	<i>Jynx torquilla</i>	31	24	55	7
08550	<i>Picus canus</i>	0	5	5	1
08560	<i>Picus viridis</i>	0	10	10	0
08630	<i>Dryocopus martius</i>	2	20	22	0
08760	<i>Dendrocopos major</i>	6	297	303	39
08780	<i>Dendrocopos syriacus</i>	0	2	2	1
08830	<i>Dendrocopos medius</i>	1	43	44	7
08840	<i>Dendrocopos leucotos</i>	0	3	3	0
08870	<i>Dendrocopos minor</i>	0	91	91	2
09740	<i>Lullula arborea</i>	0	12	12	0
09760	<i>Alauda arvensis</i>	1	17	18	0
09810	<i>Riparia riparia</i>	1	1051	1052	1
09920	<i>Hirundo rustica</i>	5779	7659	13438	445
10010	<i>Delichon urbica</i>	781	431	1212	304
10050	<i>Anthus campestris</i>	0	2	2	0
10090	<i>Anthus trivialis</i>	0	166	166	0
10110	<i>Anthus pratensis</i>	4	49	53	1
10141	<i>Anthus spinoletta</i>	0	1	1	0
10170	<i>Motacilla flava</i>	8	1422	1430	38
10180	<i>Motacilla citreola</i>	12	2	14	1
10190	<i>Motacilla cinerea</i>	17	28	45	0
10200	<i>Motacilla alba</i>	49	717	766	33
10480	<i>Bombycilla garrulus</i>	0	11	11	0
10500	<i>Cinclus cinclus</i>	120	27	147	54

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2004
10660	Troglodytes troglodytes	0	370	370	6
10840	Prunella modularis	3	488	491	10
10950	Cercotrichas galactotes	0	0	0	1
10990	Erithacus rubecula	29	14834	14863	178
11030	Luscinia luscinia	10	164	174	15
11040	Luscinia megarhynchos	3	65	68	5
11060	Luscinia svecica	3	45	48	11
11210	Phoenicurus ochruros	244	254	498	12
11220	Phoenicurus phoenicurus	92	498	590	3
11370	Saxicola rubetra	128	158	286	6
11390	Saxicola torquata	0	14	14	0
11460	Oenanthe oenanthe	0	4	4	0
11700	Zoothera dauma	0	1	1	0
11860	Turdus torquatus	0	1	1	0
11870	Turdus merula	364	1720	2084	152
11980	Turdus pilaris	50	282	332	2
12000	Turdus philomelos	106	1814	1920	24
12010	Turdus iliacus	0	156	156	1
12020	Turdus viscivorus	0	6	6	1
12270	Prinia gracilis	0	0	0	2
12360	Locustella naevia	0	70	70	0
12370	Locustella fluviatilis	0	17	17	2
12380	Locustella luscinioides	10	333	343	10
12420	Acrocephalus paludicola	0	22	22	4
12430	Acrocephalus schoenobaenus	153	3100	3253	50
12500	Acrocephalus palustris	40	817	857	25
12510	Acrocephalus scirpaceus	39	4166	4205	123
12520	Acrocephalus stentoreus	0	0	0	25
12530	Acrocephalus arundinaceus	769	730	1499	41
12550	Hippolais pallida	0	0	0	1
12590	Hippolais icterina	28	236	264	9
12730	Sylvia nisoria	3	42	45	6
12740	Sylvia curruca	37	807	844	70
12750	Sylvia communis	6	671	677	41
12760	Sylvia borin	3	793	796	49
12770	Sylvia atricapilla	30	3379	3409	126
12930	Phylloscopus trochiloides	0	1	1	0
12980	Phylloscopus proregulus	0	2	2	0

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2004
13071	<i>Phylloscopus orientalis</i>	0	0	0	1
13080	<i>Phylloscopus sibilatrix</i>	8	118	126	4
13110	<i>Phylloscopus collybita</i>	2	3054	3056	81
13120	<i>Phylloscopus trochilus</i>	6	1834	1840	54
13140	<i>Regulus regulus</i>	0	5803	5803	25
13150	<i>Regulus ignicapillus</i>	0	64	64	0
13350	<i>Muscicapa striata</i>	38	294	332	0
13430	<i>Ficedula parva</i>	53	66	119	0
13480	<i>Ficedula albicollis</i>	216	33	249	56
13490	<i>Ficedula hypoleuca</i>	258	439	697	3
13640	<i>Panurus biarmicus</i>	55	427	482	6
14370	<i>Aegithalos caudatus</i>	1	1531	1532	110
14400	<i>Parus palustris</i>	150	240	390	70
14420	<i>Parus montanus</i>	9	640	649	95
14540	<i>Parus cristatus</i>	21	76	97	28
14610	<i>Parus ater</i>	131	495	626	32
14620	<i>Parus caeruleus</i>	1566	5195	6761	371
14640	<i>Parus major</i>	3440	15927	19367	1399
14669	<i>Parus sp.</i>	0	22	22	0
14790	<i>Sitta europaea</i>	273	143	416	25
14860	<i>Certhia familiaris</i>	5	434	439	21
14870	<i>Certhia brachydactyla</i>	0	60	60	4
14900	<i>Remiz pendulinus</i>	79	367	446	8
15080	<i>Oriolus oriolus</i>	7	26	33	0
15150	<i>Lanius collurio</i>	259	261	520	7
15200	<i>Lanius excubitor</i>	39	97	136	13
15390	<i>Garrulus glandarius</i>	20	241	261	24
15490	<i>Pica pica</i>	3	13	16	10
15570	<i>Nucifraga caryocatactes</i>	0	4	4	0
15600	<i>Corvus monedula</i>	69	41	110	0
15630	<i>Corvus frugilegus</i>	1	9	10	4
15673	<i>Corvus cornix</i>	27	3	30	1
15720	<i>Corvus corax</i>	2	0	2	0
15820	<i>Sturnus vulgaris</i>	1643	510	2153	23
15910	<i>Passer domesticus</i>	4	162	166	1
15980	<i>Passer montanus</i>	198	262	460	12
16360	<i>Fringilla coelebs</i>	25	1433	1458	116
16380	<i>Fringilla montifringilla</i>	0	195	195	1

EURING CODE	SPECIES	PULLI	FULL GROWN	TOTAL	FOUND IN 2004
16400	Serinus serinus	4	65	69	1
16490	Carduelis chloris	8	3452	3460	881
16530	Carduelis carduelis	2	232	234	3
16540	Carduelis spinus	0	2637	2637	37
16600	Carduelis cannabina	25	81	106	1
16620	Carduelis flavirostris	0	3	3	0
16630	Carduelis flammea	0	131	131	1
16660	Loxia curvirostra	0	14	14	0
16790	Carpodacus erythrinus	0	136	136	8
17100	Pyrrhula pyrrhula	0	783	783	8
17170	Coc. coccothraustes	10	384	394	8
18570	Emberiza citrinella	14	885	899	69
18660	Emberiza hortulana	0	3	3	0
18770	Emberiza schoeniclus	7	1798	1805	43
18820	Miliaria calandra	0	75	75	0
TOTAL		23 811	108 596	132 407	9 940

Remarks:

1. Only recoveries concerning Polish rings are put here.