



Polish Academy of Sciences, Institute of Ecology
Gdańsk Ornithological Station,
ul. Nadwiślańska 108, 80-680 Gdańsk 40
tel. (+48) 58 308 07 59, fax. 308 09 82, e-mail: office@stornit.gda.pl

EURING GENERAL MEETING – Groningen, The Netherlands 2001

Report of the Gdańsk Ringing Scheme 1999 – 2000



Staff of the Gdańsk Ringing Scheme

Head of Scheme

Prof. Dr. Maciej Gromadzki

Licensing, Regulations, Bulletins

Tomasz Mokwa

Administration of rings, Ringing Data

Barbara Łachwicz

Recoveries

Anna Zawadzka, Irena Filiponek

Computers

Zenon Rohde

Ringers & ringing courses

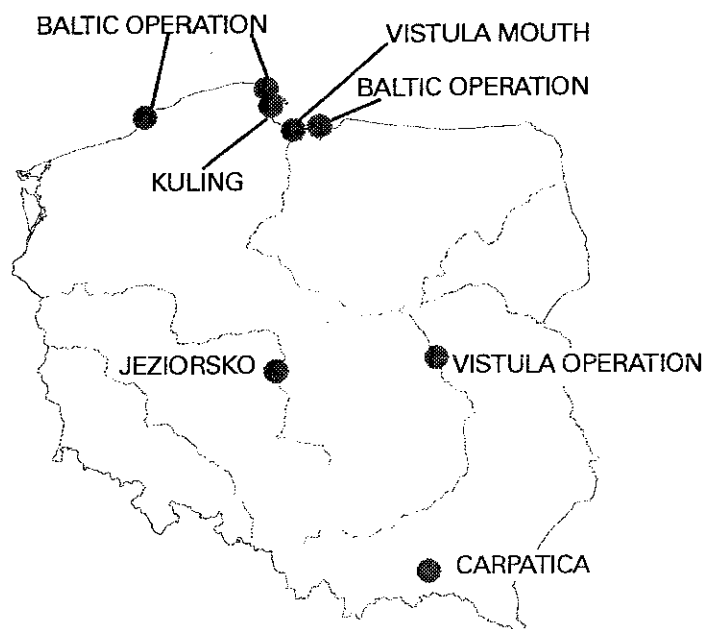
All ringers are licensed every year by the Ornithological Station Gdańsk on the base of the permission given by the Ministry of Environment Protection. The candidates for ringers, for their first license, have to pass an exam, actually including the field test on the knowledge of bird species, age and sex criteria and also the test on the general relation of the candidate to living birds kept in the hand. In 1999 twenty two, in 2000 thirteen new-accepted ringers got their ringer license.

In 1999 on the list of Polish licensed ringers there were 214 persons, but only 151 of them were ringing actively. Eighteen ringers have got special licenses for ringing some rare species, which nests are protected by protecting zones established around nests.

In 2000 on the list of Polish licensed ringers there were 232 persons, but only 172 were ringing actively. Twenty six ringers have got special licenses for ringing some rare species, which nests are protected by protecting zones established around nests.

Ringling stations working regularly

Baltic Operation (N-Poland), Vistula Operation (central Poland), Jeziorsko (central Poland), Kuling (N-Poland), Vistula Mouth (N-Poland), Carpatica (S-Poland) – see map below.



Rings

Gdańsk rings have been made by the Polish producer "Aranea". There are 22 different sizes, with two kind of material (steel and aluminium) of rings in use. In 1999 and 2000 ringers did not need to pay for rings.

Ringling projects

1. International projects

- * CES: 1999 – pilot year, 2000 – 10 sites (9 ringers),
- * EURING Swallow Project 1999 – pilot year, 2000 – 4849 full grown and 3193 pulli ringed (19 ringers),
- * International Monitoring of Raptors & Owls (White-tailed Eagle, Osprey, Lesser Spotted Eagle, Spotted Eagle, Eagle Owl),
- * Monitoring of Waders during autumn migration (3 sites),
- * Monitoring of Passerines during spring and autumn migration (3 sites),
- * SE European Migration Network (6 sites).

2. National projects

- * Monitoring of the White Stork in Poland (9 ringers),
- * Wintering of the Jack Snipe in Northern Poland,
- * Wintering of the Dipper in Northern Poland,
- * Monitoring of the breeding population of the Mute Swan,
- * Monitoring of the Mołożewo breeding population of the Ringed Plover,
- * Other species projects (Bearded Tit, Red-necked Grebe, Cormorant, Kestrel, Peregrine Falcon, Wood Sand, Dipper, Great Spotted Woodpecker, Citrine Wagtail, Robin, Whinchat, Blackcap, Common Sandpiper and others).

Computer system development

Ringing data

All ringing data are currently put into a computer since 1990. Data from the past are fed according to the system "species after species" (data after Word War II) or "year after year" (data before Word War II) and actually about 55% of all such data are put to the memory. In 2000 about 40% ringers sent ringing data by floppy discs.

Recoveries

Since 1987 all recoveries have been prepared by a computer. Data from the past are fed according to the system "species after species".

Number of recoveries in 1999

6052 - all together

940 - recoveries about birds ringed abroad

2644 - Polish recoveries - distance between ringing and finding place >10 km.

1824 - Polish recoveries - long-term recoveries (between ringing and finding date > 3 months)

644 - short term Polish recoveries

Number of recoveries in 2000

6218 - all together

1523 - recoveries about birds ringed abroad

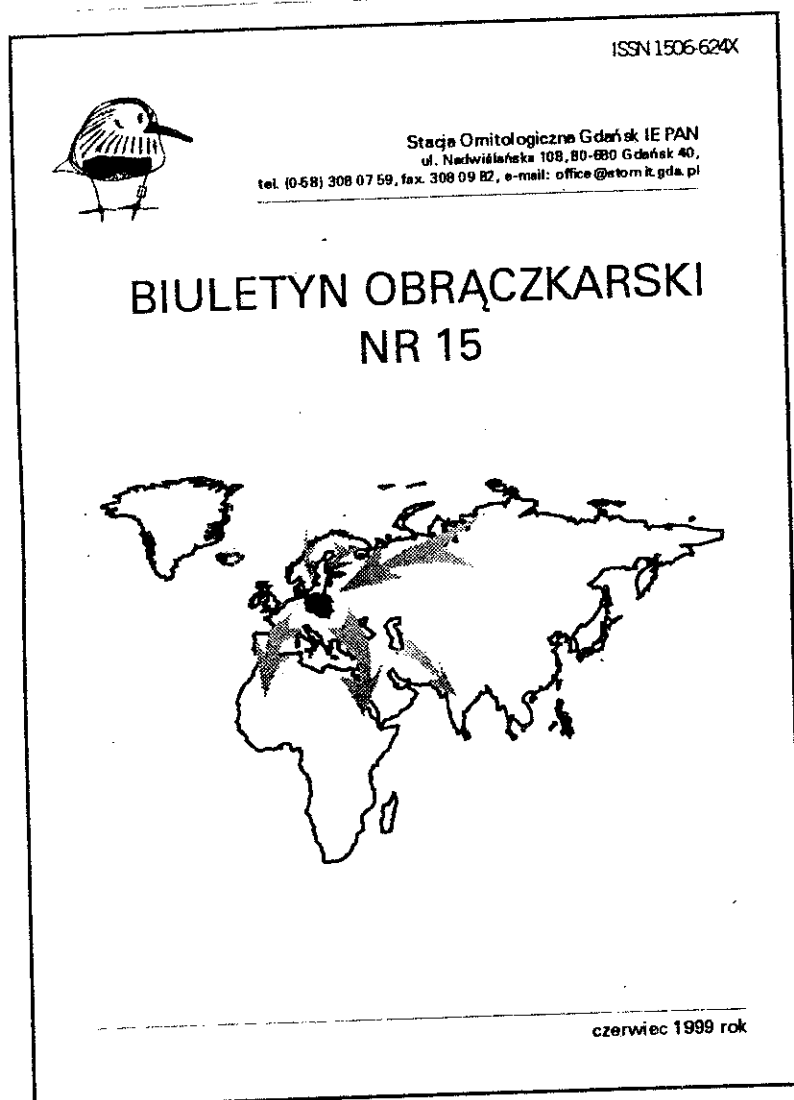
2412 - Polish recoveries - distance between ringing and finding place >10 km.

1156 - Polish recoveries - long-term recoveries (between ringing and finding date > 3 months)

1127 - short term Polish recoveries

Ringer's Bulletin

The last Ringer's Bulletin has been issued in 1999. There is planned to issue a special number of the Bulletin in the commemoration of 70-years of bird ringing in Poland.



Numbers of birds ringed and recovered by the Gdańsk Ringing Scheme in 1999

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 1999 |
|----------------|-------------------------------|-------|---------------|-------|------------------|
| 00070 | <i>Tachybaptus ruficollis</i> | 0 | 6 | 6 | 0 |
| 00120 | <i>Podiceps nigricollis</i> | 1 | 1 | 2 | 0 |
| 00210 | <i>Macronectes giganteus</i> | 0 | 0 | 0 | 2 |
| 00720 | <i>Phalacrocorax carbo</i> | 138 | 14 | 152 | 4 |
| 00980 | <i>Ixobrychus minutus</i> | 0 | 1 | 1 | 0 |
| 01220 | <i>Ardea cinerea</i> | 39 | 8 | 47 | 2 |
| 01310 | <i>Ciconia nigra</i> | 37 | 0 | 37 | 0 |
| 01340 | <i>Ciconia ciconia</i> | 585 | 10 | 595 | 35 |
| 01520 | <i>Cygnus olor</i> | 302 | 1436 | 1738 | 3912 |
| 01540 | <i>Cygnus cygnus</i> | 2 | 0 | 2 | 48 |
| 01590 | <i>Anser albifrons</i> | 0 | 3 | 3 | 0 |
| 01610 | <i>Anser anser</i> | 19 | 0 | 19 | 69 |
| 01730 | <i>Tadorna tadorna</i> | 13 | 1 | 14 | 1 |
| 01820 | <i>Anas strepera</i> | 0 | 0 | 0 | 1 |
| 01840 | <i>Anas crecca</i> | 0 | 28 | 28 | 12 |
| 01860 | <i>Anas platyrhynchos</i> | 3 | 43 | 46 | 37 |
| 01910 | <i>Anas querquedula</i> | 0 | 7 | 7 | 0 |
| 01940 | <i>Anas clypeata</i> | 0 | 0 | 0 | 1 |
| 02060 | <i>Somateria mollissima</i> | 0 | 1 | 1 | 0 |
| 02310 | <i>Pernis apivorus</i> | 8 | 1 | 9 | 0 |
| 02380 | <i>Milvus migrans</i> | 13 | 0 | 13 | 0 |
| 02390 | <i>Milvus milvus</i> | 11 | 0 | 11 | 0 |
| 02430 | <i>Haliaeetus albicilla</i> | 53 | 5 | 58 | 2 |
| 02600 | <i>Circus aeruginosus</i> | 7 | 3 | 10 | 1 |
| 02630 | <i>Circus pygargus</i> | 0 | 1 | 1 | 0 |
| 02670 | <i>Accipiter gentilis</i> | 56 | 6 | 62 | 3 |
| 02690 | <i>Accipiter nisus</i> | 9 | 164 | 173 | 5 |
| 02870 | <i>Buteo buteo</i> | 53 | 23 | 76 | 2 |
| 02920 | <i>Aquila pomarina</i> | 114 | 0 | 114 | 1 |
| 02930 | <i>Aquila clanga</i> | 0 | 1 | 1 | 0 |
| 02960 | <i>Aquila chrysaetos</i> | 5 | 0 | 5 | 0 |
| 03040 | <i>Falco tinnunculus</i> | 23 | 54 | 77 | 0 |
| 03100 | <i>Falco subbuteo</i> | 3 | 3 | 6 | 0 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 1999 |
|----------------|-----------------------|-------|---------------|-------|------------------|
| 03200 | Falco peregrinus | 23 | 0 | 23 | 0 |
| 04070 | Rallus aquaticus | 0 | 7 | 7 | 0 |
| 04080 | Porzana porzana | 0 | 15 | 15 | 0 |
| 04210 | Crex crex | 0 | 81 | 81 | 3 |
| 04240 | Gallinula chloropus | 0 | 7 | 7 | 0 |
| 04290 | Fulica atra | 5 | 2 | 7 | 2 |
| 04500 | Haematopus ostralegus | 0 | 2 | 2 | 2 |
| 04690 | Charadrius dubius | 29 | 70 | 99 | 1 |
| 04700 | Charadrius hiaticula | 51 | 124 | 175 | 3 |
| 04850 | Pluvialis apricaria | 0 | 1 | 1 | 0 |
| 04860 | Pluvialis squatarola | 0 | 16 | 16 | 0 |
| 04930 | Vanellus vanellus | 42 | 54 | 96 | 1 |
| 04960 | Calidris canutus | 0 | 76 | 76 | 6 |
| 04970 | Calidris alba | 0 | 14 | 14 | 1 |
| 05010 | Calidris minuta | 0 | 230 | 230 | 7 |
| 05020 | Calidris temminckii | 0 | 41 | 41 | 0 |
| 05090 | Calidris ferruginea | 0 | 320 | 320 | 8 |
| 05120 | Calidris alpina | 4 | 3149 | 3153 | 168 |
| 05140 | Limicola falcinellus | 0 | 7 | 7 | 0 |
| 05170 | Philomachus pugnax | 0 | 85 | 85 | 0 |
| 05180 | Lymnocyptes minimus | 0 | 75 | 75 | 1 |
| 05190 | Gallinago gallinago | 0 | 839 | 839 | 22 |
| 05290 | Scolopax rusticola | 0 | 12 | 12 | 2 |
| 05320 | Limosa limosa | 0 | 2 | 2 | 0 |
| 05340 | Limosa lapponica | 0 | 15 | 15 | 5 |
| 05410 | Numenius arquata | 0 | 1 | 1 | 0 |
| 05430 | Tringa nebularia | 0 | 7 | 7 | 0 |
| 05450 | Tringa erythropus | 0 | 15 | 15 | 3 |
| 05460 | Tringa totanus | 11 | 96 | 107 | 7 |
| 05530 | Tringa ochropus | 0 | 43 | 43 | 0 |
| 05540 | Tringa glareola | 0 | 649 | 649 | 4 |
| 05560 | Actitis hypoleucos | 0 | 481 | 481 | 1 |
| 05610 | Arenaria interpres | 0 | 25 | 25 | 8 |
| 05640 | Phalaropus lobatus | 0 | 2 | 2 | 0 |
| 05750 | Larus melanocephalus | 14 | 1 | 15 | 0 |
| 05820 | Larus ridibundus | 2260 | 359 | 2619 | 308 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 1999 |
|----------------|------------------------|-------|---------------|-------|------------------|
| 05900 | Larus canus | 144 | 134 | 278 | 57 |
| 05910 | Larus fuscus | 0 | 3 | 3 | 0 |
| 05920 | Larus argentatus | 195 | 374 | 569 | 168 |
| 05926 | Lar. cach. michahellis | 0 | 1 | 1 | 0 |
| 05927 | Larus cachinnans | 0 | 2 | 2 | 0 |
| 06000 | Larus marinus | 0 | 11 | 11 | 0 |
| 06110 | Sterna sandvicensis | 0 | 3 | 3 | 0 |
| 06150 | Sterna hirundo | 922 | 7 | 929 | 5 |
| 06240 | Sterna albifrons | 0 | 5 | 5 | 2 |
| 06260 | Chlidonias hybridus | 187 | 2 | 189 | 0 |
| 06270 | Chlidonias niger | 4 | 2 | 6 | 0 |
| 06840 | Streptopelia decaocto | 4 | 12 | 16 | 0 |
| 07240 | Cuculus canorus | 2 | 2 | 4 | 0 |
| 07350 | Tyto alba | 20 | 2 | 22 | 0 |
| 07440 | Bubo bubo | 9 | 2 | 11 | 1 |
| 07510 | Glaucidium passerinum | 1 | 3 | 4 | 0 |
| 07610 | Strix aluco | 5 | 11 | 16 | 4 |
| 07670 | Asio otus | 7 | 199 | 206 | 1 |
| 07680 | Asio flammeus | 0 | 6 | 6 | 0 |
| 07700 | Aegolius funereus | 0 | 19 | 19 | 0 |
| 07780 | Caprimulgus europaeus | 0 | 2 | 2 | 0 |
| 07950 | Apus apus | 9 | 64 | 73 | 0 |
| 08310 | Alcedo atthis | 57 | 120 | 177 | 3 |
| 08410 | Coracias garrulus | 3 | 0 | 3 | 0 |
| 08460 | Upupa epops | 5 | 0 | 5 | 0 |
| 08480 | Jynx torquilla | 0 | 12 | 12 | 0 |
| 08550 | Picus canus | 0 | 2 | 2 | 0 |
| 08630 | Dryocopus martius | 0 | 1 | 1 | 0 |
| 08760 | Dendrocopos major | 5 | 148 | 153 | 1 |
| 08830 | Dendrocopos medius | 0 | 7 | 7 | 0 |
| 08840 | Dendrocopos leucotos | 0 | 1 | 1 | 0 |
| 08870 | Dendrocopos minor | 0 | 25 | 25 | 1 |
| 09390 | Myiozetetes similis | 55 | 0 | 55 | 0 |
| 0939x | Myiozetetes cayanensis | 19 | 1 | 20 | 0 |
| 0939y | Philohydor lictor | 2 | 4 | 6 | 0 |
| 09740 | Lullula arborea | 0 | 15 | 15 | 0 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 1999 |
|----------------|--------------------------------|-------|---------------|-------|------------------|
| 09760 | <i>Alauda arvensis</i> | 0 | 2 | 2 | 0 |
| 09810 | <i>Riparia riparia</i> | 0 | 537 | 537 | 0 |
| 09920 | <i>Hirundo rustica</i> | 787 | 1957 | 2744 | 9 |
| 10010 | <i>Delichon urbica</i> | 47 | 52 | 99 | 0 |
| 10090 | <i>Anthus trivialis</i> | 9 | 229 | 238 | 0 |
| 10110 | <i>Anthus pratensis</i> | 0 | 23 | 23 | 0 |
| 10120 | <i>Anthus cervinus</i> | 0 | 1 | 1 | 0 |
| 10170 | <i>Motacilla flava</i> | 0 | 733 | 733 | 1 |
| 10180 | <i>Motacilla citreola</i> | 6 | 1 | 7 | 0 |
| 10190 | <i>Motacilla cinerea</i> | 48 | 6 | 54 | 0 |
| 10200 | <i>Motacilla alba</i> | 10 | 393 | 403 | 1 |
| 10500 | <i>Cinclus cinclus</i> | 12 | 29 | 41 | 7 |
| 10660 | <i>Troglodytes troglodytes</i> | 20 | 425 | 445 | 0 |
| 10840 | <i>Prunella modularis</i> | 1 | 305 | 306 | 5 |
| 10990 | <i>Erithacus rubecula</i> | 5 | 8483 | 8488 | 29 |
| 11030 | <i>Luscinia luscinia</i> | 1 | 65 | 66 | 2 |
| 11040 | <i>Luscinia megarhynchos</i> | 5 | 30 | 35 | 0 |
| 11060 | <i>Luscinia svecica</i> | 2 | 41 | 43 | 0 |
| 11162 | <i>Lus. svecica cyanecula</i> | 0 | 6 | 6 | 0 |
| 11210 | <i>Phoenicurus ochruros</i> | 94 | 125 | 219 | 0 |
| 11220 | <i>Phoenicurus phoenicurus</i> | 49 | 556 | 605 | 2 |
| 11370 | <i>Saxicola rubetra</i> | 0 | 103 | 103 | 0 |
| 11390 | <i>Saxicola torquata</i> | 5 | 7 | 12 | 0 |
| 11460 | <i>Oenanthe oenanthe</i> | 0 | 11 | 11 | 0 |
| 11870 | <i>Turdus merula</i> | 311 | 845 | 1156 | 16 |
| 11980 | <i>Turdus pilaris</i> | 35 | 199 | 234 | 2 |
| 12000 | <i>Turdus philomelos</i> | 44 | 1116 | 1160 | 9 |
| 12010 | <i>Turdus iliacus</i> | 0 | 168 | 168 | 0 |
| 12020 | <i>Turdus viscivorus</i> | 0 | 6 | 6 | 0 |
| 12360 | <i>Locustella naevia</i> | 0 | 42 | 42 | 0 |
| 12370 | <i>Locustella fluviatilis</i> | 0 | 12 | 12 | 0 |
| 12380 | <i>Locustella luscinioides</i> | 0 | 245 | 245 | 0 |
| 12420 | <i>Acrocephalus paludicola</i> | 20 | 74 | 94 | 1 |
| 12430 | <i>Acr. schoenobaenus</i> | 50 | 2689 | 2739 | 9 |
| 12470 | <i>Acrocephalus agricola</i> | 0 | 1 | 1 | 0 |
| 12500 | <i>Acrocephalus palustris</i> | 72 | 648 | 720 | 2 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 1999 |
|----------------|--------------------------------|-------|---------------|-------|------------------|
| 12510 | <i>Acrocephalus scirpaceus</i> | 8 | 3174 | 3182 | 20 |
| 12530 | <i>Acr. arundinaceus</i> | 40 | 185 | 225 | 2 |
| 12590 | <i>Hippolais icterina</i> | 4 | 135 | 139 | 0 |
| 12730 | <i>Sylvia nisoria</i> | 5 | 64 | 69 | 0 |
| 12740 | <i>Sylvia curruca</i> | 7 | 544 | 551 | 0 |
| 12750 | <i>Sylvia communis</i> | 129 | 513 | 642 | 4 |
| 12760 | <i>Sylvia borin</i> | 0 | 792 | 792 | 2 |
| 12770 | <i>Sylvia atricapilla</i> | 169 | 2768 | 2937 | 11 |
| 12980 | <i>Phylloscopus proregulus</i> | 0 | 1 | 1 | 0 |
| 13000 | <i>Phylloscopus inornatus</i> | 0 | 1 | 1 | 0 |
| 13010 | <i>Phylloscopus schwarzi</i> | 0 | 1 | 1 | 0 |
| 13030 | <i>Phylloscopus fuscatus</i> | 0 | 1 | 1 | 0 |
| 13080 | <i>Phylloscopus sibilatrix</i> | 5 | 76 | 81 | 0 |
| 13110 | <i>Phylloscopus collybita</i> | 14 | 2085 | 2099 | 3 |
| 13120 | <i>Phylloscopus trochilus</i> | 15 | 1420 | 1435 | 0 |
| 13140 | <i>Regulus regulus</i> | 0 | 2829 | 2829 | 1 |
| 13150 | <i>Regulus ignicapillus</i> | 0 | 54 | 54 | 0 |
| 13350 | <i>Muscicapa striata</i> | 33 | 166 | 199 | 0 |
| 13430 | <i>Ficedula parva</i> | 0 | 27 | 27 | 0 |
| 13480 | <i>Ficedula albicollis</i> | 258 | 55 | 313 | 0 |
| 13490 | <i>Ficedula hypoleuca</i> | 259 | 616 | 875 | 2 |
| 13640 | <i>Panurus biarmicus</i> | 53 | 508 | 561 | 7 |
| 14370 | <i>Aegithalos caudatus</i> | 0 | 392 | 392 | 16 |
| 14400 | <i>Parus palustris</i> | 245 | 128 | 373 | 1 |
| 14420 | <i>Parus montanus</i> | 0 | 338 | 338 | 11 |
| 14540 | <i>Parus cristatus</i> | 4 | 25 | 29 | 0 |
| 14610 | <i>Parus ater</i> | 42 | 119 | 161 | 1 |
| 14620 | <i>Parus caeruleus</i> | 1118 | 7435 | 8553 | 19 |
| 14640 | <i>Parus major</i> | 2717 | 8530 | 11247 | 18 |
| 14790 | <i>Sitta europaea</i> | 190 | 82 | 272 | 1 |
| 14860 | <i>Certhia familiaris</i> | 0 | 113 | 113 | 0 |
| 14870 | <i>Certhia brachydactyla</i> | 7 | 47 | 54 | 0 |
| 14900 | <i>Remiz pendulinus</i> | 9 | 239 | 248 | 14 |
| 15080 | <i>Oriolus oriolus</i> | 0 | 9 | 9 | 1 |
| 15150 | <i>Lanius collurio</i> | 183 | 220 | 403 | 0 |
| 15200 | <i>Lanius excubitor</i> | 27 | 1 | 28 | 0 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 1999 |
|----------------|---------------------------------|--------------|---------------|--------------|------------------|
| 15390 | <i>Garrulus glandarius</i> | 8 | 97 | 105 | 1 |
| 15490 | <i>Pica pica</i> | 9 | 19 | 28 | 4 |
| 15570 | <i>Nucifraga caryocatactes</i> | 0 | 8 | 8 | 0 |
| 15600 | <i>Corvus monedula</i> | 1 | 19 | 20 | 3 |
| 15630 | <i>Corvus frugilegus</i> | 14 | 1 | 15 | 1 |
| 15820 | <i>Sturnus vulgaris</i> | 121 | 132 | 253 | 6 |
| 15910 | <i>Passer domesticus</i> | 0 | 5 | 5 | 0 |
| 15980 | <i>Passer montanus</i> | 0 | 30 | 30 | 0 |
| 16360 | <i>Fringilla coelebs</i> | 14 | 712 | 726 | 5 |
| 16380 | <i>Fringilla montifringilla</i> | 0 | 27 | 27 | 0 |
| 16400 | <i>Serinus serinus</i> | 0 | 34 | 34 | 0 |
| 16490 | <i>Carduelis chloris</i> | 5 | 634 | 639 | 5 |
| 16530 | <i>Carduelis carduelis</i> | 0 | 220 | 220 | 0 |
| 16540 | <i>Carduelis spinus</i> | 0 | 612 | 612 | 1 |
| 16600 | <i>Carduelis cannabina</i> | 17 | 65 | 82 | 0 |
| 16630 | <i>Carduelis flammea</i> | 0 | 30 | 30 | 0 |
| 16660 | <i>Loxia curvirostra</i> | 0 | 1 | 1 | 0 |
| 16790 | <i>Carpodacus erythrinus</i> | 2 | 154 | 156 | 0 |
| 17100 | <i>Pyrrhula pyrrhula</i> | 0 | 264 | 264 | 5 |
| 17170 | <i>Coc. coccothraustes</i> | 11 | 130 | 141 | 1 |
| 18570 | <i>Emberiza citrinella</i> | 23 | 472 | 495 | 3 |
| 18730 | <i>Emberiza rustica</i> | 0 | 1 | 1 | 0 |
| 18770 | <i>Emberiza schoeniclus</i> | 2 | 829 | 831 | 7 |
| 18820 | <i>Miliaria calandra</i> | 0 | 3 | 3 | 0 |
| 99990 | <i>L. argentatus/cachinnans</i> | 17 | 8 | 25 | 33 |
| TOTAL | | 13006 | 68310 | 81316 | 5248 |

Remarks:

1. Some species have been ringed in Panama.
2. Only recoveries concerning Polish rings, without retraps are put here.

Numbers of birds ringed and recovered by the Gdańsk Ringing Scheme in 2000

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 2000 |
|----------------|-------------------------------|-------|---------------|-------|------------------|
| 00070 | <i>Tachybaptus ruficollis</i> | 1 | 6 | 7 | 0 |
| 00090 | <i>Podiceps cristatus</i> | 0 | 1 | 1 | 0 |
| 00720 | <i>Phalacrocorax carbo</i> | 185 | 9 | 194 | 10 |
| 00950 | <i>Botaurus stellaris</i> | 3 | 1 | 4 | 0 |
| 00980 | <i>Ixobrychus minutus</i> | 1 | 5 | 6 | 0 |
| 01040 | <i>Nycticorax nycticorax</i> | 0 | 1 | 1 | 0 |
| 01220 | <i>Ardea cinerea</i> | 29 | 6 | 35 | 4 |
| 01310 | <i>Ciconia nigra</i> | 49 | 0 | 49 | 3 |
| 01340 | <i>Ciconia ciconia</i> | 1132 | 12 | 1144 | 61 |
| 01520 | <i>Cygnus olor</i> | 230 | 1324 | 1554 | 2966 |
| 01540 | <i>Cygnus cygnus</i> | 0 | 0 | 0 | 20 |
| 01610 | <i>Anser anser</i> | 58 | 0 | 58 | 5 |
| 01690 | <i>Branta ruficollis</i> | 0 | 1 | 1 | 0 |
| 01730 | <i>Tadorna tadorna</i> | 0 | 2 | 2 | 1 |
| 01790 | <i>Anas penelope</i> | 0 | 1 | 1 | 0 |
| 01840 | <i>Anas crecca</i> | 0 | 8 | 8 | 5 |
| 01860 | <i>Anas platyrhynchos</i> | 4 | 43 | 47 | 34 |
| 02030 | <i>Aythya fuligula</i> | 1 | 0 | 1 | 0 |
| 02150 | <i>Melanitta fusca</i> | 0 | 1 | 1 | 0 |
| 02310 | <i>Pernis apivorus</i> | 6 | 2 | 8 | 0 |
| 02430 | <i>Haliaeetus albicilla</i> | 51 | 9 | 60 | 3 |
| 02600 | <i>Circus aeruginosus</i> | 18 | 1 | 19 | 0 |
| 02630 | <i>Circus pygargus</i> | 15 | 3 | 18 | 2 |
| 02670 | <i>Accipiter gentilis</i> | 57 | 7 | 64 | 2 |
| 02690 | <i>Accipiter nisus</i> | 48 | 165 | 213 | 3 |
| 02870 | <i>Buteo buteo</i> | 33 | 19 | 52 | 3 |
| 02900 | <i>Buteo lagopus</i> | 0 | 1 | 1 | 0 |
| 02920 | <i>Aquila pomarina</i> | 143 | 0 | 143 | 2 |
| 02930 | <i>Aquila clanga</i> | 0 | 1 | 1 | 0 |
| 02960 | <i>Aquila chrysaetos</i> | 6 | 0 | 6 | 0 |
| 03010 | <i>Pandion haliaetus</i> | 10 | 0 | 10 | 1 |
| 03040 | <i>Falco tinnunculus</i> | 51 | 43 | 94 | 2 |
| 03100 | <i>Falco subbuteo</i> | 3 | 1 | 4 | 0 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 2000 |
|----------------|-----------------------|-------|---------------|-------|------------------|
| 03200 | Falco peregrinus | 24 | 0 | 24 | 2 |
| 03350 | Tetrao urogallus | 0 | 7 | 7 | 0 |
| 03670 | Perdix perdix | 0 | 8 | 8 | 0 |
| 04070 | Rallus aquaticus | 4 | 24 | 28 | 0 |
| 04080 | Porzana porzana | 0 | 7 | 7 | 0 |
| 04210 | Crex crex | 0 | 35 | 35 | 0 |
| 04240 | Gallinula chloropus | 0 | 11 | 11 | 0 |
| 04290 | Fulica atra | 0 | 22 | 22 | 2 |
| 04330 | Grus grus | 2 | 0 | 2 | 0 |
| 04500 | Haematopus ostralegus | 0 | 1 | 1 | 0 |
| 04690 | Charadrius dubius | 8 | 94 | 102 | 0 |
| 04700 | Charadrius hiaticula | 12 | 177 | 189 | 0 |
| 04860 | Pluvialis squatarola | 0 | 22 | 22 | 0 |
| 04930 | Vanellus vanellus | 36 | 3 | 39 | 0 |
| 04960 | Calidris canutus | 0 | 105 | 105 | 4 |
| 04970 | Calidris alba | 0 | 19 | 19 | 0 |
| 04980 | Calidris pusilla | 0 | 2 | 2 | 0 |
| 05010 | Calidris minuta | 0 | 181 | 181 | 2 |
| 05020 | Calidris temminckii | 0 | 46 | 46 | 0 |
| 05090 | Calidris ferruginea | 0 | 443 | 443 | 11 |
| 05120 | Calidris alpina | 0 | 4428 | 4428 | 62 |
| 05140 | Limicola falcinellus | 0 | 22 | 22 | 1 |
| 05170 | Philomachus pugnax | 0 | 197 | 197 | 0 |
| 05180 | Lymnocyptes minimus | 0 | 137 | 137 | 1 |
| 05190 | Gallinago gallinago | 0 | 505 | 505 | 16 |
| 05290 | Scolopax rusticola | 0 | 26 | 26 | 1 |
| 05340 | Limosa lapponica | 0 | 11 | 11 | 0 |
| 05430 | Tringa nebularia | 0 | 14 | 14 | 0 |
| 05450 | Tringa erythropus | 0 | 16 | 16 | 0 |
| 05460 | Tringa totanus | 4 | 121 | 125 | 3 |
| 05470 | Tringa stagnatilis | 0 | 1 | 1 | 0 |
| 05530 | Tringa ochropus | 0 | 4 | 4 | 0 |
| 05540 | Tringa glareola | 0 | 545 | 545 | 3 |
| 05560 | Actitis hypoleucos | 0 | 281 | 281 | 3 |
| 05610 | Arenaria interpres | 0 | 40 | 40 | 5 |
| 05640 | Phalaropus lobatus | 0 | 3 | 3 | 0 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 2000 |
|----------------|-----------------------|-------|---------------|-------|------------------|
| 05750 | Larus melanocephalus | 13 | 2 | 15 | 0 |
| 05780 | Larus minutus | 0 | 11 | 11 | 0 |
| 05820 | Larus ridibundus | 3446 | 707 | 4153 | 297 |
| 05900 | Larus canus | 211 | 203 | 414 | 33 |
| 05910 | Larus fuscus | 0 | 3 | 3 | 0 |
| 05920 | Larus argentatus | 260 | 306 | 566 | 270 |
| 05927 | Larus cachinnans | 20 | 56 | 76 | 0 |
| 06000 | Larus marinus | 0 | 11 | 11 | 2 |
| 06110 | Sterna sandvicensis | 0 | 2 | 2 | 0 |
| 06150 | Sterna hirundo | 654 | 6 | 660 | 5 |
| 06240 | Sterna albifrons | 29 | 0 | 29 | 0 |
| 06260 | Chlidonias hybridus | 166 | 21 | 187 | 0 |
| 06270 | Chlidonias niger | 18 | 33 | 51 | 0 |
| 06700 | Columba palumbus | 1 | 11 | 12 | 1 |
| 06840 | Streptopelia decaocto | 12 | 11 | 23 | 0 |
| 07240 | Cuculus canorus | 2 | 2 | 4 | 0 |
| 07350 | Tyto alba | 12 | 16 | 28 | 0 |
| 07440 | Bubo bubo | 6 | 1 | 7 | 2 |
| 07510 | Glaucidium passerinum | 7 | 2 | 9 | 0 |
| 07570 | Athene noctua | 5 | 3 | 8 | 0 |
| 07610 | Strix aluco | 4 | 21 | 25 | 0 |
| 07670 | Asio otus | 5 | 663 | 668 | 2 |
| 07680 | Asio flammeus | 0 | 30 | 30 | 0 |
| 07700 | Aegolius funereus | 0 | 38 | 38 | 0 |
| 07780 | Caprimulgus europaeus | 0 | 7 | 7 | 0 |
| 07950 | Apus apus | 10 | 111 | 121 | 0 |
| 08310 | Alcedo atthis | 79 | 215 | 294 | 2 |
| 08410 | Coracias garrulus | 1 | 0 | 1 | 0 |
| 08460 | Upupa epops | 2 | 0 | 2 | 0 |
| 08480 | Jynx torquilla | 7 | 23 | 30 | 0 |
| 08550 | Picus canus | 0 | 4 | 4 | 0 |
| 08560 | Picus viridis | 0 | 2 | 2 | 0 |
| 08630 | Dryocopus martius | 0 | 5 | 5 | 0 |
| 08760 | Dendrocopos major | 3 | 165 | 168 | 4 |
| 08780 | Dendrocopos syriacus | 0 | 4 | 4 | 0 |
| 08830 | Dendrocopos medius | 0 | 16 | 16 | 0 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 2000 |
|----------------|--------------------------------|-------|---------------|-------|------------------|
| 08870 | <i>Dendrocopos minor</i> | 0 | 47 | 47 | 4 |
| 09740 | <i>Lullula arborea</i> | 0 | 12 | 12 | 0 |
| 09760 | <i>Alauda arvensis</i> | 3 | 9 | 12 | 0 |
| 09810 | <i>Riparia riparia</i> | 0 | 827 | 827 | 0 |
| 09920 | <i>Hirundo rustica</i> | 3193 | 4849 | 8042 | 1 |
| 10010 | <i>Delichon urbica</i> | 151 | 86 | 237 | 4 |
| 10090 | <i>Anthus trivialis</i> | 0 | 66 | 66 | 0 |
| 10110 | <i>Anthus pratensis</i> | 0 | 39 | 39 | 0 |
| 10120 | <i>Anthus cervinus</i> | 0 | 1 | 1 | 0 |
| 10170 | <i>Motacilla flava</i> | 0 | 1779 | 1779 | 0 |
| 10180 | <i>Motacilla citreola</i> | 4 | 2 | 6 | 0 |
| 10190 | <i>Motacilla cinerea</i> | 0 | 11 | 11 | 0 |
| 10200 | <i>Motacilla alba</i> | 29 | 449 | 478 | 0 |
| 10480 | <i>Bombycilla garrulus</i> | 0 | 5 | 5 | 0 |
| 10500 | <i>Cinclus cinclus</i> | 0 | 19 | 19 | 6 |
| 10660 | <i>Troglodytes troglodytes</i> | 12 | 512 | 524 | 1 |
| 10840 | <i>Prunella modularis</i> | 8 | 499 | 507 | 6 |
| 10990 | <i>Erithacus rubecula</i> | 17 | 11600 | 11617 | 44 |
| 11030 | <i>Luscinia luscinia</i> | 1 | 95 | 96 | 1 |
| 11040 | <i>Luscinia megarhynchos</i> | 4 | 71 | 75 | 0 |
| 11060 | <i>Luscinia svecica</i> | 0 | 48 | 48 | 0 |
| 11210 | <i>Phoenicurus ochruros</i> | 155 | 207 | 362 | 0 |
| 11220 | <i>Phoenicurus phoenicurus</i> | 69 | 532 | 601 | 1 |
| 11370 | <i>Saxicola rubetra</i> | 5 | 48 | 53 | 0 |
| 11390 | <i>Saxicola torquata</i> | 5 | 7 | 12 | 0 |
| 11460 | <i>Oenanthe oenanthe</i> | 6 | 11 | 17 | 0 |
| 11860 | <i>Turdus torquatus</i> | 0 | 1 | 1 | 0 |
| 11870 | <i>Turdus merula</i> | 264 | 1708 | 1972 | 9 |
| 11980 | <i>Turdus pilaris</i> | 7 | 163 | 170 | 0 |
| 12000 | <i>Turdus philomelos</i> | 142 | 1413 | 1555 | 13 |
| 12010 | <i>Turdus iliacus</i> | 0 | 114 | 114 | 0 |
| 12020 | <i>Turdus viscivorus</i> | 0 | 9 | 9 | 0 |
| 12360 | <i>Locustella naevia</i> | 0 | 70 | 70 | 0 |
| 12370 | <i>Locustella fluviatilis</i> | 0 | 32 | 32 | 0 |
| 12380 | <i>Locustella luscinioides</i> | 0 | 272 | 272 | 1 |
| 12420 | <i>Acrocephalus paludicola</i> | 0 | 18 | 18 | 2 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 2000 |
|----------------|--------------------------------|-------|---------------|-------|------------------|
| 12430 | <i>Acr. schoenobaenus</i> | 54 | 2317 | 2371 | 10 |
| 12500 | <i>Acrocephalus palustris</i> | 14 | 940 | 954 | 2 |
| 12510 | <i>Acrocephalus scirpaceus</i> | 16 | 4189 | 4205 | 63 |
| 12530 | <i>Acr. arundinaceus</i> | 25 | 321 | 346 | 2 |
| 12550 | <i>Hippolais pallida</i> | 0 | 12 | 12 | 0 |
| 12590 | <i>Hippolais icterina</i> | 6 | 186 | 192 | 0 |
| 12670 | <i>Sylvia melanocephala</i> | 0 | 3 | 3 | 0 |
| 12730 | <i>Sylvia nisoria</i> | 22 | 76 | 98 | 0 |
| 12740 | <i>Sylvia curruca</i> | 9 | 788 | 797 | 1 |
| 12750 | <i>Sylvia communis</i> | 96 | 701 | 797 | 5 |
| 12760 | <i>Sylvia borin</i> | 1 | 488 | 489 | 19 |
| 12770 | <i>Sylvia atricapilla</i> | 73 | 2658 | 2731 | 37 |
| 13000 | <i>Phylloscopus inornatus</i> | 0 | 1 | 1 | 0 |
| 13080 | <i>Phylloscopus sibilatrix</i> | 0 | 133 | 133 | 0 |
| 13110 | <i>Phylloscopus collybita</i> | 12 | 1920 | 1932 | 39 |
| 13120 | <i>Phylloscopus trochilus</i> | 62 | 1754 | 1816 | 7 |
| 13140 | <i>Regulus regulus</i> | 0 | 5744 | 5744 | 2 |
| 13150 | <i>Regulus ignicapillus</i> | 0 | 44 | 44 | 0 |
| 13350 | <i>Muscicapa striata</i> | 46 | 144 | 190 | 0 |
| 13430 | <i>Ficedula parva</i> | 10 | 54 | 64 | 0 |
| 13480 | <i>Ficedula albicollis</i> | 268 | 83 | 351 | 1 |
| 13490 | <i>Ficedula hypoleuca</i> | 239 | 439 | 678 | 2 |
| 13640 | <i>Panurus biarmicus</i> | 95 | 960 | 1055 | 57 |
| 14370 | <i>Aegithalos caudatus</i> | 11 | 1594 | 1605 | 26 |
| 14400 | <i>Parus palustris</i> | 340 | 156 | 496 | 4 |
| 14420 | <i>Parus montanus</i> | 0 | 428 | 428 | 17 |
| 14540 | <i>Parus cristatus</i> | 15 | 17 | 32 | 0 |
| 14610 | <i>Parus ater</i> | 69 | 148 | 217 | 5 |
| 14620 | <i>Parus caeruleus</i> | 1518 | 3767 | 5285 | 68 |
| 14640 | <i>Parus major</i> | 5363 | 7337 | 12700 | 57 |
| 14790 | <i>Sitta europaea</i> | 271 | 103 | 374 | 0 |
| 14860 | <i>Certhia familiaris</i> | 6 | 380 | 386 | 0 |
| 14870 | <i>Certhia brachydactyla</i> | 0 | 44 | 44 | 0 |
| 14900 | <i>Remiz pendulinus</i> | 35 | 512 | 547 | 7 |
| 15080 | <i>Oriolus oriolus</i> | 0 | 16 | 16 | 1 |
| 15150 | <i>Lanius collurio</i> | 373 | 158 | 531 | 2 |

| EURING CODE | SPECIES | PULLI | FULL GROWN | TOTAL | FOUND IN 2000 |
|----------------|--------------------------|--------------|---------------|---------------|------------------|
| 15200 | Lanius excubitor | 50 | 7 | 57 | 0 |
| 15390 | Garrulus glandarius | 7 | 144 | 151 | 0 |
| 15490 | Pica pica | 29 | 15 | 44 | 1 |
| 15570 | Nucifraga caryocatactes | 0 | 3 | 3 | 0 |
| 15600 | Corvus monedula | 1 | 33 | 34 | 2 |
| 15630 | Corvus frugilegus | 63 | 11 | 74 | 0 |
| 15673 | Corvus corone cornix | 46 | 0 | 46 | 0 |
| 15720 | Corvus corax | 11 | 0 | 11 | 0 |
| 15820 | Sturnus vulgaris | 440 | 295 | 735 | 3 |
| 15910 | Passer domesticus | 6 | 23 | 29 | 0 |
| 15980 | Passer montanus | 3 | 26 | 29 | 0 |
| 16360 | Fringilla coelebs | 33 | 1233 | 1266 | 5 |
| 16380 | Fringilla montifringilla | 0 | 58 | 58 | 0 |
| 16400 | Serinus serinus | 0 | 24 | 24 | 0 |
| 16490 | Carduelis chloris | 7 | 1603 | 1610 | 2 |
| 16530 | Carduelis carduelis | 0 | 178 | 178 | 0 |
| 16540 | Carduelis spinus | 0 | 422 | 422 | 0 |
| 16600 | Carduelis cannabina | 39 | 94 | 133 | 0 |
| 16630 | Carduelis flammea | 4 | 3 | 7 | 0 |
| 16660 | Loxia curvirostra | 0 | 17 | 17 | 0 |
| 16680 | Loxia pytyopsittacus | 0 | 1 | 1 | 0 |
| 16790 | Carpodacus erythrinus | 1 | 63 | 64 | 1 |
| 17100 | Pyrrhula pyrrhula | 4 | 207 | 211 | 7 |
| 17170 | Coc. coccothraustes | 7 | 155 | 162 | 3 |
| 18570 | Emberiza citrinella | 11 | 665 | 676 | 12 |
| 18660 | Emberiza hortulana | 0 | 1 | 1 | 0 |
| 18770 | Emberiza schoeniclus | 0 | 1040 | 1040 | 8 |
| 18820 | Miliaria calandra | 4 | 10 | 14 | 0 |
| 99990 | L. argentatus/cachinnans | 0 | 12 | 12 | 24 |
| TOTAL | | 21087 | 82531 | 103618 | 4456 |

Remarks:

1. Some species have been ringed in Turkey.
2. Only recoveries concerning Polish rings, without retraps are put here.