

# REPORT of TURKISH NATIONAL RINGING SCHEME

EURING General Meeting  
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Turkish Bird Research Society (KAD), Ministry of Environment and Forestry  
General Directorate of Nature Protection and National Parks, and  
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# TURKISH NATIONAL RINGING SCHEME STATUS REPORT

## History & Structure

The birth of Turkish National Ringing Scheme (TNRS) dates back to 2001 when ringing was started at a pilot scale by Turkish Bird Research Society (KAD) and Middle East Technical University (METU) with “KAD-Turkey rings. Following this successful pilot work, a protocol was signed between KAD, METU, and the General Directorate of Nature Conservation and National Parks, and TNRS was launched officially on March 2002.

A national ringing committee (NRC) with representatives from protocol partners and representatives from universities and NGOs carrying out ringing projects is the main decision body. NRC arranges regulations and issues licenses for ringers.

Turkish Bird Research Society is the coordinator of the TNRS.

## Funding of TNRS

In 2002, KAD applied for and was awarded by UNDP/GEF a \$50,000 worth project. This project aimed to expand, improve and publicize the National Ringing Scheme, and increase public awareness on nature and conservation issues in the long term.

More specifically, it aimed to:

- improve national capacity by training new ringers,
- inform and involve local conservation authorities,
- raise public awareness through on-site interaction with birds and information dissemination,
- build up a ringing stations network in the country,
- and, fully integrate the Turkish National Ringing Scheme with international initiatives.

In the course of this project 2 **ringing courses** were organized in spring and fall of 2003. Around 100 people from diverse backgrounds from all over Turkey participated in these courses.

Informative ringing **brochures** and ringing **posters** were produced, published and distributed.

A **webpage** for TNRS was launched at the address [www.halkalama.net](http://www.halkalama.net). The English version is still to be completed.

The outcome of all these efforts were reflected in the increase of recovery reports from within the country since the launch of TNRS.

Unfortunately, after the end of this project in August 2004 no other outside funding could be secured for TNRS.

### **Staff**

Since August 2004 there is no paid staff of TNRS. 2 Biologists from KAD is voluntarily in charge of TNRS coordination; Ozge Kesaplı Can (coordinator of the scheme) and Ozgur Kesaplı Didrickson ( assistant )

### **Rings**

The rings are imported from Aranea, Poland and are distributed at cost by KAD to licensed ringers.

### **Stations & Projects**

In the first year of TNRS, 4 stations were active. Ondokuz Mayıs University (OMU) that had joined the scheme immediately in spring 2002 runs the Cernek station by the Black Sea coast. KAD runs 2 stations; ODTU, in central Turkey, and Manyas in the northwest. The Titreyengol station was run by a German team (by Vohwinkel & Prunte). Mist-netting was the only catching technique in all but Titreyengol station where tape-luring was used.

In 2003 KAD started a new station at Akyatan by the East Mediterranean coast and Dicle University started the Dicle station in southeastern Turkey.

In 2004 Manyas station was closed due to lack of funding and ringers.

Apart from station work that focus primarily on passerine migration there have been several color ringing projects. The Dalmatian Pelican *Pelecanus crispus* project takes place at Gediz delta by Ege University since 1987. The Mediterranean Gull *Larus melanocephalus* ringing

which runs in Turkey since 1997 as a part of an international Project adopted national rings following the launch of TNRS. In 2003 KAD started White Stork *Ciconia ciconia* ringing and later the same year Greater Flamingo *Phoenicopterus ruber* ringing was started by Nature Society (DD) and Erciyes University in collaboration with Station Biologique de Tour du Valat. The latter is part of a joint project among Mediterranean countries on the metapopulation dynamics of the species.

Thus, in such a short period of time several universities and NGOs started to work together under the umbrella of TNRS.

### **International collaboration**

Since the beginning of TNRS, active contributions of ringers from Poland and other countries were crucial for success.

The ringing training was done according to Southeastern European Bird Migration Network (SEEN) standards and all stations became members of SEEN.

The 6th SEEN meeting was organized in Istanbul with support from Baku-Tblisi-Ceyhan pipeline company, UNDP/GEF and Ministry of Forestry and Environment.

Especially after becoming a member of EURING, TNRS also look forward to developing close relations with other EURING members in the form of exchange of ringers or through regional collaboration.

### **Data management**

There is an ongoing effort towards building a custom-built software for managing records and for statistical analyses.

### **Problems of TNRS**

The quite limited number of Turkish licensed ringers is a major bottleneck. Currently there are only 6 licensed ringers. Training of new ringers is a high priority; however, this is a slow process and the quality of new ringers should not be compromised.

Lack of funding too, makes the progress of TNRS at the moment quite challenging.

### **Ringling Results**

Since the launch of TNRS, a total of 90283 birds of 179 species have been ringed. 87 of these birds of 17 species have been recovered in other countries while 154 foreign ringed birds of 22 species were reported to the scheme.

Foreign ringers who would like to carry out ringling projects in Turkey should apply to the NRC via the General Directorate of Nature Conservation and National Parks. Any such application should be accompanied with a description of the study aims, scope and methodology. A copy of final report should be sent to the NRC secretariat. All ringling activities within the country are required to use national rings and the address on rings is **ODTU KAD ANKARA TURKEY.**

Recoveries should be reported by e-mail to [ringing@kad.org.tr](mailto:ringing@kad.org.tr) or by post to KAD, P.K. 311 06443 Yenisehir, Ankara, Turkey, or by fax to +90 312 419 81 79. The contact person for the ringling scheme is Mrs. Ozge Kesaplı Can (coordinator of the National Ringling Scheme).

		2001	202		2003		2004		total	
EURING code	Species	ringed	ringed	recovered	ringed	recovered	ringed	recovered	ringed	recovered
00070	<i>Tachybaptus ruficollis</i>						1		1	
00890	<i>Pelecanus crispus</i> *		9		11		30		50	
00970	<i>Ixobrychus minutus</i>		19		73		29		121	
01040	<i>Nycticorax nycticorax</i>		4						4	
01080	<i>Ardeola ralloides</i>		6						6	
01340	<i>Ciconia ciconia</i> *				22		43	1	65	1
01470	<i>Phoenicopterus ruber</i> *				200	2	247	42	447	44
01840	<i>Anas crecca</i>		3						3	
01860	<i>Anas platyrhynchos</i>						1		1	
01910	<i>Anas querquedula</i>						1		1	
01940	<i>Anas clypeata</i>		1						1	
02620	<i>Circus macrourus</i>				1		1		2	
02690	<i>Accipiter nisus</i>		6		40		11		57	
02730	<i>Accipiter brevipes</i>		1		2				3	
02870	<i>Buteo buteo vulpinus</i>				1		1		2	
03040	<i>Falco tinnunculus</i>		2		1		1		4	
03100	<i>Falco subbuteo</i>		1				4		5	
03700	<i>Coturnix coturnix</i>		8		15		27		50	
04070	<i>Rallus aquaticus</i>				1		3		4	
04080	<i>Porzana porzana</i>		3		1		15		19	
04100	<i>Porzana parva</i>		1		10		22		33	
04110	<i>Porzana pusilla</i>						5		5	
04210	<i>Crex crex</i>		1		5		4		10	
04240	<i>Gallinula chloropus</i>		2		10		11		23	
04690	<i>Charadrius dubius</i>				8		1		9	
04700	<i>Charadrius hiaticula</i>		1						1	
04770	<i>Charadrius alexandrinus</i>						206		206	
04870	<i>Hoplopterus spinosus</i>				2		1		3	
05010	<i>Calidris minuta</i>						18		18	
05090	<i>Calidris ferruginea</i>						2		2	

		2001	2002		2003		2004		total	
EURING code	Species	ringed	ringed	recovered	ringed	recovered	ringed	recovered	ringed	recovered
05120	<i>Calidris alpina</i>						1		1	
05170	<i>Philomachus pugnax</i>				1		1		2	
05180	<i>Lymnocryptes minimus</i>				1				1	
05190	<i>Gallinago gallinago</i>				2		3		5	
05200	<i>Gallinago media</i>				1				1	
05320	<i>Limosa limosa</i>				1				1	
05470	<i>Tringa stagnatilis</i>				3		1		4	
05480	<i>Tringa nebularia</i>						1		1	
05530	<i>Tringa ochropus</i>				2				2	
05540	<i>Tringa glareola</i>				8		5		13	
05560	<i>Actitis hypoleucos</i>				3		1		4	
05750	<i>Larus melanocephalus</i>		185			1	100		285	1
06840	<i>Streptopelia decaocto</i>				1				1	
06870	<i>Streptopelia turtur</i>		7		3		11		21	
07240	<i>Cuculus canorus</i>		8		4		25		37	
07350	<i>Tyto alba</i>				1		1		2	
07380	<i>Otus brucei</i>				1				1	
07390	<i>Otus scops</i>		21		8		10		39	
07670	<i>Asio otus</i>		2				2		4	
07780	<i>Caprimulgus europaeus</i>		21		32		41		94	
07950	<i>Apus apus</i>				2		1		3	
08270	<i>Halcyon smyrnensis</i>				10		12		22	
08310	<i>Alcedo atthis</i>		132		276		310		718	
08400	<i>Merops apiaster</i>		15		27		9		51	
08460	<i>Upupa epops</i>	1	13		18		30		62	
08480	<i>Jynx torquilla</i>	4	53		71		65		193	
08780	<i>Dendrocopos syriacus</i>	2	16		7		1		26	
08870	<i>Dendrocopos minor</i>		1						1	
09620	<i>Melanocorypha bimaculata</i>				1				1	
09670	<i>Calandrella brachydactyla</i>		1		220		47		268	
09720	<i>Galerida cristata</i>		2		4		25		31	

		2001	2002		2003		2004		total	
EURING code	Species	ringed	ringed	recovered	ringed	recovered	ringed	recovered	ringed	recovered
09760	<i>Alauda arvensis</i>						3		3	
09810	<i>Riparia riparia</i>		55		222		548	1	825	1
09920	<i>Hirundo rustica</i>		934		3796	1	4587	4	9317	5
09950	<i>Hirundo daurica</i>		1		8		62		71	
10010	<i>Delichon urbica</i>		7		14		64		85	
10020	<i>Anthus novaeseelandiae</i>				1				1	
10050	<i>Anthus campestris</i>		1		111		110		222	
10090	<i>Anthus trivialis</i>		447		539		111		1097	
10110	<i>Anthus pratensis</i>		2		7		6		15	
10120	<i>Anthus cervinus</i>		2		32		39		73	
10140	<i>Anthus spinoletta</i>						1		1	
10170	<i>Motacilla flava</i>		283		622	1	383		1288	1
10180	<i>Motacilla citreola</i>						2		2	
10200	<i>Motacilla alba</i>		19		320		27	1	366	1
10360	<i>Pycnonotus xanthopygos</i>		2		94		121		217	
10660	<i>Troglodytes troglodytes</i>	1	7		6		14		28	
10840	<i>Prunella modularis</i>	4	25		32		32		93	
10950	<i>Cercotrichas galactotes</i>		6		4		12		22	
10990	<i>Erithacus rubecula</i>	21	869		899		782		2571	
11030	<i>Luscinia luscinia</i>	3	253		285		180		721	
11040	<i>Luscinia megarhynchos</i>	11	103		119		60		293	
11060	<i>Luscinia svecica</i>		8		277		373		658	
11170	<i>Irania gutturalis</i>				1		11		12	
11210	<i>Phoenicurus ochruros</i>		7		10		14		31	
11220	<i>Phoenicurus phoenicurus</i>	14	999		585		681		2279	
11370	<i>Saxicola rubetra</i>	3	120		220		172		515	
11390	<i>Saxicola torquata</i>	2	8		21		25		56	
11440	<i>Oenanthe isabellina</i>		1		3		9		13	
11460	<i>Oenanthe oenanthe</i>		12		13		23		48	
11470	<i>Oenanthe pleshanka</i>						5		5	
11475	<i>Oenanthe cypriaca</i>				1		1		2	



		2001	2002		2003		2004		Total	
EURING code	Species	ringed	ringed	recovered	ringed	recovered	ringed	recovered	Ringed	recovered
11480	<i>Oenanthe hispanica</i>		2		23		24		49	
11500	<i>Oenanthe finschii</i>				1				1	
11860	<i>Turdus torquatus</i>	1	3						4	
11870	<i>Turdus merula</i>	24	156		181		132		493	
12000	<i>Turdus philomelos</i>	3	148		171		122	1	444	1
12010	<i>Turdus iliacus</i>						2		2	
12020	<i>Turdus viscivorus</i>	1	7		5		6		19	
12200	<i>Cettia cetti</i>	14	177		162		169		522	
12270	<i>Prinia gracilis</i>		2		1		7		10	
12370	<i>Locustella fluviatilis</i>		21		39		14		74	
12380	<i>Locustella luscinioides</i>		1778		570		1459	2	3807	2
12410	<i>Acrocephalus melanopogon</i>				2		17		19	
12430	<i>Acrocephalus schoenobaenus</i>		1890		637		3059	1	5586	1
12480	<i>Acrocephalus dumetorum</i>		1		1		1		3	
12500	<i>Acrocephalus palustris</i>	2	784		429		813	2	2028	2
12510	<i>Acrocephalus scirpaceus</i>	4	4019	7	3442	3	4733	9	12198	19
12530	<i>Acrocephalus arundinaceus</i>		882		653		780	1	2315	1
12550	<i>Hippolais pallida</i>	1	174		213		85		473	
12580	<i>Hippolais olivetorum</i>	2	5				1		8	
12590	<i>Hippolais icterina</i>	1	17		12		29		59	
12650	<i>Sylvia cantillans</i>		32		20		28		80	
12660	<i>Sylvia mystacea</i>				1		19		20	
12670	<i>Sylvia melanocephala</i>	2	103		77		58		240	
12690	<i>Sylvia ruppelli</i>		34		23		40		97	
12720	<i>Sylvia hortensis</i>		31		32		71		134	
12730	<i>Sylvia nisoria</i>		750		342		209		1301	
12740	<i>Sylvia curruca</i>	10	701		690		584	2	198	2
12750	<i>Sylvia communis</i>	9	744		582		665		2000	
12760	<i>Sylvia borin</i>	2	1478		1356	1	1491		4327	1
12770	<i>Sylvia atricapilla</i>	84	2969		2306	1	2420	2	7779	3
12930	<i>Phylloscopus trochiloides nitidus</i>				1		1		2	

		2001	2002		2003		2004		Total	
EURING code	Species	ringed	ringed	recovered	ringed	recovered	ringed	recovered	Ringed	recovered
12930	<i>Phylloscopus throchiloides</i>		1						1	
12950	<i>Phylloscopus borealis</i>		1						1	
13000	<i>Phylloscopus inornatus</i>				1				1	
13070	<i>Phylloscopus bonelli bonelli</i>		1				1		2	
13072	<i>Phylloscopus bonelli orientalis</i>				5		6		11	
13080	<i>Phylloscopus sibilatrix</i>	2	80		79		54		215	
13110	<i>Phylloscopus collybita</i>	19	998		1209		1823		4049	
13120	<i>Phylloscopus trochilus</i>	19	2221		2119		2190		6549	
13140	<i>Regulus regulus</i>		4		3		4		11	
13150	<i>Regulus ignicapillus</i>		2		2		7		11	
13350	<i>Muscicapa striata</i>	9	900		622		614		2145	
13430	<i>Ficedula parva</i>	9	318		202		262		791	
13470	<i>Ficedula semitorquata</i>		2				7		9	
13480	<i>Ficedula albicollis</i>	4	102		62		83		251	
13490	<i>Ficedula hypoleuca</i>		120		55		61		236	
13640	<i>Panurus biarmicus</i>						1		1	
14370	<i>Aegithalos caudatus</i>		18		8		19		45	
14610	<i>Parus ater</i>		1		4				5	
14620	<i>Parus caeruleus</i>	9	12		6		8		35	
14640	<i>Parus major</i>	34	94		73		37		238	
14690	<i>Sitta krueperi</i>		1				17		18	
14810	<i>Sitta neumayer</i>		2				2		4	
14860	<i>Certhia familiaris</i>				1				1	
14900	<i>Remiz pendulinus</i>		7		29		7		43	
15080	<i>Oriolus oriolus</i>		30		37		27		94	
15150	<i>Lanius collurio</i>	5	535		563		401	1	1504	1
15190	<i>Lanius minor</i>		1		3		16		20	
15230	<i>Lanius senator</i>		21		42		67		130	
15240	<i>Lanius nubicus</i>	2	14		52		107		175	
15390	<i>Garrulus glandarius</i>	3	14		6				23	

		2001	2002		2003		2004		Total	
EURING code	Species	ringed	ringed	recovered	ringed	recovered	ringed	recovered	Ringed	recovered
15490	<i>Pica pica</i>		5		4		10		19	
15820	<i>Sturnus vulgaris</i>	1	8				7		16	
15840	<i>Sturnus roseus</i>		1						1	
15910	<i>Passer domesticus</i>		84		149		39		272	
15920	<i>Passer hispaniolensis</i>		133		377		270		780	
15950	<i>Passer moabiticus</i>				1		84		85	
15980	<i>Passer montanus</i>	3	4		17		8		32	
16040	<i>Petronia petronia</i>				1				1	
16360	<i>Fringilla coelebs</i>	4	130		194		135		463	
16380	<i>Fringilla montifringilla</i>		4		13		1		18	
16400	<i>Serinus serinus</i>		3		12		11		26	
16490	<i>Carduelis chloris</i>		107		116		35		258	
16530	<i>Carduelis carduelis</i>		60		62		52		174	
16540	<i>Carduelis spinus</i>		28		7		25		60	
16600	<i>Carduelis cannabina</i>		3		6		54		63	
16790	<i>Carpodacus erythrinus</i>		5		2		4		11	
17100	<i>Pyrrhula pyrrhula</i>				2				2	
17170	<i>Coccothraustes coccothraustes</i>		16		12		4		32	
18570	<i>Emberiza citrinella</i>		1		4				5	
18600	<i>Emberiza cia</i>	2							2	
18680	<i>Emberiza caesia</i>		23		35		127		185	
18740	<i>Emberiza pusilla</i>						1		1	
18770	<i>Emberiza schoeniclus</i>		1		1		7		9	
18810	<i>Emberiza melanocephala</i>		169		87		182		438	
18820	<i>Miliaria calandra</i>		14		20		117		151	
	<b>Total</b>	<b>351</b>	<b>27983</b>	<b>7</b>	<b>27968</b>	<b>10</b>	<b>33981</b>	<b>70</b>	<b>90283</b>	<b>87</b>