

The EURING exchange-code 2000.

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Heteren, the Netherlands
Vogeltrekstation Arnhem
Dutch Ringing Centre
February 21, 2007 (for update information see at the end of this publication)

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Published for EURING, the European Union for Bird Ringing, by:

Vogeltrekstation Arnhem
PO Box 40
6666 ZG Heteren
the Netherlands
June 2001
www.vogeltrekstation.nl

ISBN: 90-74638-13-9

Citation:

Speek, G., Clark, J.A., Rohde, Z., Wassenaar, R.D. & Van Noordwijk, A.J. 2001. *The EURING exchange-code 2000*. Heteren. ISBN 90-74638-13-9.

This publication can be downloaded as a pdf-file from the EURING website: www.euring.org

And also from the website of the Dutch Ringing Scheme: www.vogeltrekstation.nl

The two former EURING code manuals, '*EURING Code Manual* (1966) and '*Code Manual New EURING*' (1979), can also be downloaded (pdf) from the two websites mentioned above.

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Foreword.

EURING, the European Union for Bird Ringing, was founded in 1963 for the purpose of promoting and facilitating co-operation between the European ringing schemes. One of its first and most difficult tasks was to agree a code whereby ringing recoveries could be committed to punch cards, and it was not until the end of 1966 that the '*EURING Code Manual*' was finally issued. This EURING code, which had been the subject of so much debate, worked well for a decade.

In 1977, during a meeting of EURING in Sopot, Poland, the decision was taken to compile a new code, more suited to new computer requirements and facilities. The initiative for this new code was taken by Dr. Carl Edelstam. A working party consisting of Dr. P. Busse, B. Jacquat, C.J. Mead and B.J. Speek was entrusted with the task of finalizing the new version of the code. In 1979 the '*Code Manual New EURING*' was ready for use and was presented by Robert Spencer, the General Secretary of EURING.

A further revision of the code was suggested by Pertti Saurola at the EURING Board meeting in 1997. A committee (of Jacquie Clark, Pertti Saurola and Rinse Wassenaar) was set up to work on the new code. In 1998 Gerrit Speek became involved in the project and produced a first draft of the new code '*EURING exchange-code 2000*'. The code was circulated round the committee between December 1998 and February 1999, and was sent to all ringing centres in April 1999 before being presented and adopted formally during the EURING General Meeting in September 1999 on Helgoland. During that meeting a committee consisting of Jacquie Clark (Britain & Ireland Ringing Centre), Zenon Rohde (Poland Ringing Centre), Gerrit Speek (Dutch Ringing Centre) and Rinse Wassenaar (EURING databank) was entrusted with the task of finalizing the new version of the code.

On behalf of the committee:

Gerrit Speek

Introduction.

Producing the '*EURING Code Manual*' in 1966 and the '*Code Manual New EURING*' in 1979 was hard work in the 1960's and 1970's and these Manuals have been invaluable in allowing standardisation of coding throughout European ringing schemes. One of the major advantages of the original codes was that they were based on 80 column punch cards and thus provided the first opportunities for automatic processing. Remarkably, the '*Code Manual New EURING*' (1979) is still in use in the year 2000! Perhaps this is a great compliment for the compilers, but the limitation to 80 columns is a major disadvantage in the context of modern database systems. Given advances in computing technology, it is time to update the code and adapt it to modern requirements and opportunities.

Updating the code allows the following improvements: (1) to remove the double and triple notations in one field that was inevitable based on the punch card; (2) to remove the notations "11" and "12", based on the punch card; (3) more drastic is a new way of formatting the data. Currently there are several double notation fields in the EURING-code, with ringing **and** finding data for seven fields (=24 columns) which represents considerable unnecessary use of hard disk-space. Twenty recoveries of the same bird contain 20 identical sets of ringing data.

The basic idea behind the new formatting is this: think about the capture of two birds in a mistnet at the same time, one bird without a ring (= first catch), the other bird is with a ring (= recapture). What is the difference? There is only one difference: the ring was already present or not, that's all. The ringing details are only required once for each bird, so in this code one set of those fields is enough. The first record (catch nr.1) is the first catch of the bird (equal to the "old fashioned" ringing data), the second record (catch nr.2) is the first recapture, etc. So in each record there is one field for the date, one field for the accuracy of date, one field for the place code, one field for the co-ordinates, one field for the quadrant, one field for the status etc. etc.

For example in the old '*Code Manual New EURING*' (1979):

Rec-no.1	Ringing data (with ringing date, -sex, -age etc.)	Recapture 1 (with finding date, -sex, -age etc.)
Rec-no.2	Ringing data (with ringing date, -sex, -age etc.)	Recapture 2 (with finding date, -sex, -age etc.)
Rec-no.3	Ringing data (with ringing date, -sex, -age etc.)	Recapture 3 (with finding date, -sex, -age etc.)
Etc.	Etc.	Etc.

But in the new '*EURING exchange-code 2000*' (2001) :

Rec-no.1	Capture nr.1 with date, sex, age etc. (in this record: ringing data)
Rec-no.2	Capture nr.2 with date, sex, age etc. (in this record: finding data from recapture nr.1)
Rec-no.3	Capture nr.3 with date, sex, age etc. (in this record: finding data from recapture nr.2)
Rec-no.4	Capture nr.4 with date, sex, age etc. (in this record: finding data from recapture nr.3)
Etc.	Etc.

Throughout this codebook:

Ø = the number zero;

O = the alphabetic character as in "Oslo".

Exceptions: there are a few names of place-codes in Danmark and Norway with the character ø.

Yes, that's the opposite of the '*Code Manual New EURING*' (1979).

Replaced / Removed fields, comparing to 'Code Manual New EURING' (1979):

Removed:	Replaced by:
Verification of identity	Species as concluded by the scheme
Ringling date	Date
Finding date	Date
Accuracy of ringling date	Accuracy of date
Accuracy of finding date	Accuracy of date
Place code of ringling	Place code
Place code of finding	Place code
Geographical co-ordinates of ringling	Geographical co-ordinates
Geographical co-ordinates of finding	Geographical co-ordinates
Quadrant of ringling co-ordinates	Quadrant (included in the co-ordinates)
Quadrant of finding co-ordinates	Quadrant (included in the co-ordinates)
Status on ringling	Status
Status when found	Status
Moult and biometrics on ringling	---
Moult and biometrics on finding	---
Plumage	---
Previous reports	---
Other relatives recovered	---

RINGING SCHEME

alphabetic, three columns (1 - 3)

1. Ringing schemes are here defined as centres issuing rings which, without the specific address, could be confused with rings of other centres.
2. The initial two letters are the country letters from the place code (columns 57 & 58): see that section (page no 56) for further explanation. The final letter indicates the scheme.
3. To avoid using code letters on some extinct, very small or private schemes as well as zoos and avicultural societies, such rings are coded with the first two letters of the main scheme from their country of origin with the third letter X.
e.g. Mortensen (Denmark) DKX
e.g. Crampton (England) GBX
4. Schemes believed to be extinct are indicated by **+** in the list.
5. New schemes added, compared to the '*Code Manual New EURING*' (1979), are indicated by **·** in the list.
6. Schemes that have changed name and/or address because of removal, or changes in boundaries are indicated by **X** in the list.

A. All the European schemes listed in order of Country.

NOTE: this list includes all Schemes known to be operating, or to have operated, in Europe. Some of these Schemes are not currently part of EURING. The allocation of a code does not imply being a EURING member.

Country	Scheme	Code	
-----	-----	-----	
• Albania	Tirana	ABT	
Austria	Salzburg +	AUS	
• Belarus	Minsk	BYM	
Belgium	Bruxelles or Brussels	BLB	
	N.F.B.V.V. +	BLN	
	Cogels, Ossendrecht +	BLC	
Bulgaria	Sofia	BGS	
Channel Islands	Jersey	CIJ	
• Croatia (Hrvatska)	Zagreb (Ornit. Inst.)	HRZ	formerly YUZ
CSSR	Praha x	CSP	now CZP and SKB
	Prag Lotos +	CSL	
	Brno Akademia Ved. +	CSB	
Cyprus	Nicosia	CYC	
• Cyprus, North	Kuskor	CYK	
• Czech Republic	Praha	CZP	formerly CSP
	Zoo Praha Bohemia +	CZB	
Denmark	Copenhagen	DKC	
	Kalø +	DKK	
	Viborg Skovgaard +	DKV	
	Viborg Mortensen + (H.C.C.Mortensen 1899-1920)	DKM	
	Odense +	DKO	
	Hellerup + (H. Weis 1917-1918)	DKH	
	Frederikssund + (Holger Pedersen 1921-1931)	DKF	
• Estonia	Matsalu	ETM	formerly SUE
	Tartu Universitas +	ETT	
	Kielkond-Russia +	ETK	
Finland	Helsinki Museum	SFH	
	Helsinki Riista +	SFR	
	Helsingfors + (J.A. Palmen)	SFP	
France	Paris	FRP	
	Strasbourg	FRS	
	Versailles +	FRV	
Germany, DBR&DDR	Wilhelmshaven (Helgoland) x	DFH	now DEW
	Hiddensee x	DDH	now DEH
	Radolfzell / Rossiten x	DFR	now DER
	Radolfzell Süddeutsche Vogelwarte +	DFS	
• Germany	Wilhelmshaven (Helgoland)	DEW	formerly DFH
•	Hiddensee	DEH	formerly DDH
•	Radolfzell	DER	formerly DFR
	Zoo Nuerenberg +	DEN	
	Zoolog. Station Helgoland +	DEZ	
• Greece	Athens	GRA	
Hungary	Budapest	HGB	

	Budapest Museum +	HGM	
Iceland	Reykjavik	ISR	
	Viborg Skovgaard +	DKV	
Italy	Bologna Ozzano (BO)	IAB	
	Bologna Ancona +	IAA	
	Bologna Genova +	IAG	
	Bologna Pisa +	IAY	
	Bologna Sardo (Sardinia) +	IAO	
	Bologna Univ. (Garda Lake) +	IAV	
	Bologna Zool. (Mesola) +	IAM	
	Friuli V.G. +	IAF	
	Roma (Castelfusano) +	IAR	
	Sicilia +	IAL	
• Latvia	Riga	LVR	formerly SUR
• Lithuania	Universite Kaunas Lithuanie (1930-1950) +	LIU	
	Kaunas (Mus Zool Kaunas Lithuania)	LIK	formerly SUK
• Macedonia	Skopje	MKS	
Malta	Valletta	MLV	
Netherlands	Arnhem	NLA	
	Leiden x	NLL	
	All ringing in the Netherlands (starting 1911) is scheme NLA. The scheme "Leiden, NLL" is only used to distinguish a few series identical ringnumbers, used before 1950, from NLA rings.		
Norway	Stavanger	NOS	
	Oslo Museum +	NOO	
	Oslo Univ. +	NOU	
	Ås +	NOA	
	Zoolog. Museum Kristiania +	NOK	
	Tromsø Museum +	NOT	
Poland	Gdansk / Varsovia	PLG	
	Tschammendorf +	PLT	
	Wolin +	PLW	
Portugal	Lisboa	POL	
	Porto +	POP	
Romania	Bucarest	ROB	
	Oradea + (1957-1958)	ROO	
	Oficiul Vanatorilor Regale Sibiu +	ROS	
• Russian Federation	Moskwa	RUM	formerly SUM
•	St. Petersburg	RUP	
• Slovakia	Bratislava	SKB	formerly CSP
• Slovenia	Ljubljana	SLL	
Spain	Madrid (SEO) +	ESM	
	San Sebastian (Aranzadi)	ESA	
	Sevilla (Biol. Doñana) +	ESE	
	Madrid (ICONA)	ESI	
Sweden	Stockholm Museum, <u>from 1960 onwards</u>	SVS	
	Stockholm Jager +	SVJ	
	Stockholm Ornis +	SVO	
	Stockholm Skansen +	SVN	
	Göteborg +	SVG	
	Stockholm Museum, <u>before 1960</u> +	SVR	
	Lund + (Ekologihuset)	SVX	
	Olov Larsson +	SVL	
Switzerland	Sempach	HES	
• Turkey	Ankara, University (ODTU KAD ANK TURKEY)	TUA	

UK & Ireland	London (British Museum/Thetford)	GBT	
	Wetherby +	GBY	
	Aberdeen (Landsborough Thomson) +	GBB	
	Aberdeen (Grouse study) +	GBG	
	Fordingbridge +	GBD	
	Orielton +	GBR	
	W.A.G.B.I.	GBW	
	London, National Institute Oceanography +	GBO	
	Kiev	UKK	
	Charkov + (Ukrain hunters and fishers union)	UKC	
Ukraine			
USSR	Moskwa x	SUM	now RUM
	Kaunas x	SUK	now LIK
	Leningrad +	SUL	
	Riga x	SUR	now LVR
	Matsalu/Tartu x	SUE	now ETM
Yugoslavia	Beograd	YUB	
	Zagreb x	YUZ	now HRZ
	Ljubljana x	YUL	now SLL

B. The current European schemes listed in order of Country.

Country	Scheme	Code	
-----	-----	-----	
Albania	Tirana	ABT	
Belarus	Minsk	BYM	
Belgium	Bruxelles or Brussels	BLB	
Bulgaria	Sofia	BGS	
Channel Islands	Jersey	CIJ	
Croatia (Hrvatska)	Zagreb (Ornit. Inst.)	HRZ	formerly YUZ
Cyprus	Nicosia	CYC	
Cyprus, North	Kuskor	CYK	
Czech Republic	Praha	CZP	formerly CSP
Denmark	Copenhagen	DKC	
Estonia	Matsalu	ETM	formerly SUE
Finland	Helsinki Museum	SFH	
France	Paris	FRP	
	Strasbourg	FRS	
Germany	Wilhelmshaven (Helgoland)	DEW	formerly DFH
	Hiddensee	DEH	formerly DDH
	Radolfzell	DER	formerly DFR
Greece	Athens	GRA	
Hungary	Budapest	HGB	
Iceland	Reykjavik	ISR	
Italy	Bologna Ozzano (BO)	IAB	
Latvia	Riga	LVR	formerly SUR
Lithuania	Kaunas (Zool. Mus.)	LIK	formerly SUK
Macedonia	Skopje	MKS	
Malta	Valletta	MLV	
Netherlands	Arnhem	NLA	
Norway	Stavanger	NOS	
Poland	Gdansk / Varsovia	PLG	
Portugal	Lisboa	POL	
Romania	Bucarest	ROB	
Russian Federation	Moskwa	RUM	formerly SUM
	St. Petersburg	RUP	
Slovakia	Bratislava	SKB	formerly CSP
Slovenia	Ljubljana	SLL	
Spain	Madrid (SEO)	ESM	
	San Sebastian (Aranzadi)	ESA	
	Sevilla (Biol. Doñana)	ESE	
	Madrid (ICONA)	ESI	
Sweden	Stockholm Museum, <u>from 1960 onwards</u>	SVS	
Switzerland	Sempach	HES	
Turkey	Ankara, University (ODTU KAD ANK TURKEY)	TUA	
UK & Ireland	London (British Museum/Thetford)	GBT	
	W.A.G.B.I.	GBW	
Ukraine	Kiev	UKK	
Yugoslavia	Beograd	YUB	

C. Non-European schemes in order of Country.

Angola	Luanda	ALL
Australia	Canberra	AAC
Brazil	Brasilia	BAB
Canada	Washington	NAW
China	Beijing	CPB
Egypt	Cairo	EGC
Ghana	Legon	GHL
Hong Kong	Hong Kong	CGH +
India	Bombay	INB
Iraq	Bagdad Univ.	IQB
Iran	Teheran	IPT
Israel	Tel-Aviv Univ.	ILT
Israel	Hebr. University Jerusalem	ILJ +
Japan	Yamashina Inst. O.Z.	JHY
Jordanië	...	JO.
Kazakhstan	Almaty	KZA
Kenya	Nairobi	GPN
Lebanon	Beirut (on the ring is 'LIBAN')	LEB •
Malaysia	Kuala Lumpur	FVK
New Zealand	Wellington	AJW
Nigeria	Jos	NVJ +
Pakistan	Lahore	PNL +
Philippines	...	OE. +
USA	Washington	NAW
Saudi Arabia	Rhyiad	ARR
South Africa	Pretoria/Cape Town	FPP
South Korea	Korea	TXS
Taiwan	Taipei	CXT
Tunisia	Tunis	TOT +
Turkey	Ankara	TUA
Zaire	Congo	ZIC +
Zambia	Zambia	ZMZ +

D. All known schemes listed in order of Code.

All know schemes are listed here, including extinct, changed etc., etc., **current schemes are printed bold**.

Code	Country	Scheme
-----	-----	-----
AAC	Australia	Canberra
ABT	Albania	Tirana
AJW	New Zealand	Wellington
ALL	Angola	Luanda
ARR	Saudi Arabia	Rhyiad
AUS	Austria	Salzburg +
BAB	Brazil	Brasilia
BGS	Bulgaria	Sofia
BLB	Belgium	Bruxelles or Brussels
BLC	Belgium	Cogels +
BLN	Belgium	N.F.B.V.V. +
BYM	Belarus	Minsk
CGH	Hong Kong	Hong Kong +
CIJ	Channel Islands	Jersey
CPB	China	Beijing
CSB	Czech Republic	Brno Akademia Ved. +
CSL	Czech Republic	Prag Lotos +
CSP	Czech Republic	Praha x (now CZP)
CXT	Taiwan	Taipei
CZP	Czech Republic	Praha
CZB	Czech Republic	Zoo Praha Bohemia +
CYC	Cyprus	Nicosia
CYK	Cyprus, North	Girne
DDH	Germany	Hiddensee x (now DEH)
DEH	Germany	Hiddensee
DEN	Germany	Zoo Neurenberg +
DER	Germany	Radolfzell
DEW	Germany	Wilhelmshaven (Helgoland)
DEZ	Germany	Zoolog. Station Helgoland +
DFH	Germany	Wilhelmshaven (Helgoland) x (now DEW)
DFR	Germany	Radolfzell / Rossiten x (now DER)
DFS	Germany	Radolfzell Süddeutsche Vogelwarte +
DKC	Denmark	Copenhagen
DKF	Denmark	Frederikssund +
DKH	Denmark	Hellerup +
DKK	Denmark	Kalø +
DKM	Denmark	Viborg Mortensen +
DKO	Denmark	Odense +
DKV	Denmark	Viborg Skovgaard +
EGC	Egypt	Cairo
ESA	Spain	San Sebastian (Aranzadi)
ESE	Spain	Sevilla (Biol. Doñana)
ESI	Spain	Madrid (ICONA)
ESM	Spain	Madrid (SEO)
ETK	Estonia	Kielkond-Russia +
ETM	Estonia	Matsalu
ETT	Estonia	Tartu Universitas +
FPP	South Africa	Pretoria
FRP	France	Paris
FRS	France	Strasbourg
FRV	France	Versailles +
FKV	Malaysia	Kuala Lumpur
GBB	UK	Aberdeen (Landsborough Thomson) +
GBD	UK	Fordingbridge +
GBG	UK	Aberdeen (Grouse study) +
GBO	UK	London, National Institute Oceanography +
GBR	UK	Orielton +
GBT	UK & Ireland	London (British Museum / Tring / Thetford)
GBW	UK	W.A.G.B.I.
GBY	UK	Witherby +
GHL	Ghana	Legon
GPN	Kenya	Nairobi
GRA	Greece	Athens

HES	Switzerland	Sempach
HGB	Hungary	Budapest
HGM	Hungary	Budapest Museum +
HRZ	Croatia	Zagreb (Ornit. Inst.)
IAA	Italy	Bologna Ancona +
IAB	Italy	Bologna Ozzano (BO)
IAF	Italy	Friuli V.G. +
IAG	Italy	Bologna Genova +
IAL	Italy	Sicilia +
IAM	Italy	Bologna Zool. (Mesola) +
IAO	Italy	Bologna Sardo (Sardinia) +
IAR	Italy	Roma (Castelfusano) +
IAV	Italy	Bologna Univ. (Garda Lake) +
IAY	Italy	Bologna Pisa +
ILJ	Israel	Hebr. University Jerusalem +
ILT	Israel	Tel-Aviv Univ.
INB	India	Bombay
IPT	Iran	Teheran
IQB	Iraq	Bagdad Univ.
ISR	Iceland	Reykjavik
JHY	Japan	Yamashina Inst. O.Z.
KZA	Kazakhstan	Almaty
LEB	Lebanon	Beirut (on the ring is 'LIBAN') •
LIK	Lithuania	Kaunas (Zool. Mus.)
LIU	Lithuania	Kaunas (Universite) +
LVR	Latvia	Riga
MKS	Macedonia	Skopje
MLV	Malta	Valletta
NAW	USA + Canada	Washington
NLA	Netherlands	Arnhem
NLL	Netherlands	Leiden x
NOA	Norway	Ås +
NOK	Norway	Zoolog. Museum Kristiania +
NOO	Norway	Oslo Museum +
NOS	Norway	Stavanger
NOT	Norway	Tromsø Museum +
NOU	Norway	Oslo Univ. +
NVJ	Nigeria	Jos
OE.	Philippines	... +
PLG	Poland	Gdansk / Varsovia
PLT	Poland	Tschammendorf +
PLW	Poland	Wolin +
PNL	Pakistan	Lahore +
POL	Portugal	Lisboa
POP	Portugal	Porto +
ROB	Romania	Bucarest
ROO	Romania	Oradea +
ROS	Romania	Oficiul Vanatorilor Regale Sibiu +
RUM	Russian Federation	Moskwa
RUP	Russian Federation	St. Petersburg
SFH	Finland	Helsinki Museum
SFP	Finland	Helsingfors +
SFR	Finland	Helsinki Riista +
SKB	Slovakia	Bratislava
SLL	Slovenia	Ljubljana
SUE	USSR	Matsalu / Tartu x (now ETM)
SUK	USSR	Kaunas x (now LIK)
SUL	USSR	Leningrad +
SUM	USSR	Moskwa x (now RUM)
SUR	USSR	Riga x (now LVR)
SVG	Sweden	Göteborg +
SVJ	Sweden	Stockholm Jager +
SVL	Sweden	Olov Larsson +
SVN	Sweden	Stockholm Skansen +
SVO	Sweden	Stockholm Ornis +
SVR	Sweden	Stockholm Museum, before 1960 +
SVS	Sweden	Stockholm Museum
SVX	Sweden	Stockholm Olov Larsson +
TOT	Tunisia	Tunis +
TUA	Turkey	Ankara

TXS	South Korea	Korea
UKK	Ukraine	Kiev
UKC	Ukraine	Charkov + (Ukrain fishers and hunters union)
YUB	Yugoslavia	Beograd
YUL	Yugoslavia	Ljubljana x (now SLL)
YUZ	Yugoslavia	Zagreb x (now HRZ)
ZIC	Zaire	Congo +
ZMZ	Zambia	Zambia +

PRIMARY IDENTIFICATION METHOD

alphanumeric, two columns (4 - 5)

This field is to denote the primary method used to identify a bird. Where a metal ring is present, this will **always** be the primary identification method, regardless of what other marks are placed on the bird. With the development of new technology it is likely that, in the future, some birds may be marked by other methods (eg transponders) and will not have metal rings attached. This field anticipates that future need. At present, it is anticipated that the primary identification marker will be a metal ring. When a bird is only marked with another method than the metal ring (primary identification method # AØ), and on a next catch a metal ring is added, the primary identification method must be changed to AØ and also on previous records of this bird.

The code in this field will be the same on any capture of a bird. It will not change if a secondary marker is added to a bird. It is essential that a bird is identified by the same method and number throughout its life. At present, if a bird is re-ringed, the number of the first ring is retained as the birds identifier. This allows any record for an individual to be easily linked together. In the same way if, in the future, the primary identifier is changed, that bird will continue to be identified by the first identifier it had.

- AØ Metal ring.
- BØ Coloured or numbered legging(s).
- CØ Coloured or numbered neckring(s).
- DØ Wingtags.
- EØ Radio tracking device.
- FØ Satellite tracking device.
- GØ Transponder.
- HØ Nasal mark(s).
- RØ Flight feather(s) stamped with a number.
- TØ Body- or wing painting.

IDENTIFICATION NUMBER

alphanumeric, ten columns (6 - 15)

1. Ring number, consisting of up to ten figures and/or letters, to be coded directly into the ten columns. Where the ring number consist of less than ten figures/letters the additional columns to be coded as follows:

All figures	Right adjusted.	12345 Ø123456712345 ..Ø1234567
Letters / figures	Letters left adjusted. Figures right adjusted.	A1234 AB6789	A.....1234 AB....6789
Figures / letters / figures	Letters and preceding figures left adjusted. Other figures right adjusted.	1A2345 23E456 1AB4567	1A....2345 23E....456 1AB...4567
Figures / letters	Right adjusted.	12345X 56789AB12345X ...56789AB
Letters / figures / letters / figures	Always insert the dots left of the rightmost row of figures	B1A2345 F234Z567	B1A...2345 F234Z..567

2. **The figure Ø (zero) is only to be typed where it actually appears on a ring number.**
3. When part of the ring number is unknown (worn ring, incomplete number reported etc.) the missing parts of the ring number are to be typed '-'. Thus if the 5 has worn of a ring AB12345 (or the number is covered by an overlap) it should be coded as AB...1234-
4. Every recovery of any individual bird should ALWAYS have the original ring number placed on that bird as the number coded here. This applies through all subsequent replacements of the ring, whether by the scheme originally ringing the bird or by any other scheme.
5. If a metal ring is added on first capture the identification number will always be the metal ring number. If a bird is not metal ringed on first capture but is identified in another way (primary identification method # AØ), a unique number relating to that bird must be entered in this field. That unique number is representing a not-present-metal-ring-number. It must be a unique number because this identification number is unique for database reasons. That unique number must be allotted by the national scheme. It is recommended to start that unique number with the characters "NMR" (meaning "not a metal ring") and then followed by seven numbers. For example: NMRØØØØØØØ1. It is recommended that the Scheme and ringer agree this unique number that will be used to identify the bird throughout its life.

VERIFICATION OF THE METAL RING

numeric, one column (16)

Ø Ring NOT verified by scheme.

1 Ring verified by scheme.

NOTE 1.

Ring verification may be by the ring being sent or a photograph, photocopy, rubbing or carbon copy being available. Records should also be marked as verified if the ring has been seen by the ringing scheme but subsequently returned to the finder.

NOTE 2.

On the ringing data code this field as: Ø = Ring not verified by the scheme.

METAL RING INFORMATION

numeric, one column (17)

- Ø Metal ring is **not present**.
- 1 Metal ring **added** (where no metal ring was present), position (on tarsus or above) unknown.
- 2 Metal ring **added** (where no metal ring was present), definitely on tarsus.
- 3 Metal ring **added** (where no metal ring was present), definitely above tarsus.
- 4 Metal ring is **already present**.
- 5 Metal ring **changed**.
- 6 Metal ring **removed**.
- 7 Metal ring **added, where already a metal ring was present**. N.B. within EURING there is an explicit agreement that ringers must not add a metal ring when one is already present (except in circumstances where the existing ring needs to be replaced because of wear).

OTHER MARKS INFORMATION (not a conventional metal ring)

alphabetic, 2 columns (18 - 19)

ZZ No other marks present or not known to be present.

Permanent marks:

BB Coloured or numbered leg-ring(s) or flags added.
BC Coloured or numbered leg-ring(s) or flags already present.
BD Coloured or numbered leg-ring(s) or flags removed.
BE Coloured or numbered leg-ring(s) or flags changed.

CB Coloured or numbered neck-ring(s) added.
CC Coloured or numbered neck-ring(s) already present.
CD Coloured or numbered neck-ring(s) removed.
CE Coloured or numbered neck-ring(s) changed.

DB Coloured or numbered wingtag(s) added.
DC Coloured or numbered wingtag(s) already present.
DD Coloured or numbered wingtag(s) removed.
DE Coloured or numbered wingtag(s) changed.

EB Radio-tracking device added.
EC Radio-tracking device already present.
ED Radio-tracking device removed.
EE Radio-tracking device changed.

FB Satellite-tracking device added.
FC Satellite-tracking device already present.
FD Satellite-tracking device removed.
FE Satellite-tracking device changed.

GB Transponder added.
GC Transponder already present.
GD Transponder removed.
GE Transponder changed.

HB Nasal mark(s) added.
HC Nasal mark(s) already present.
HD Nasal mark(s) removed.
HE Nasal mark(s) changed.

Temporary marks:

RB Flight feathers stamped with the ring number: mark added.
RC Flight feathers stamped with the ring number: mark already present.
RD Flight feathers stamped with the ring number: mark removed.
RE Flight feathers stamped with the ring number: mark changed.

SB Tape on the ring: added.
SC Tape on the ring: already present.
SD Tape on the ring: removed.

SE Tape on the ring: changed.

TB Dye mark added.

TC Dye mark already present.

TD Dye mark removed.

TE Dye mark changed.

Others:

MM More than one mark present.

OM Other mark(s) present.

OP Other permanent mark(s) present.

OT Other temporary mark(s) present.

SPECIES and SUBSPECIES, as mentioned by the person who handled the bird.

numeric, five columns (20 - 24)

Columns 20-23 identify the species and column 24 the subspecies.

The purely numeric code for species is derived from the sequential numbering of:
Voous K.H. 1977. *List of Recent Holarctic Bird Species*. Published for The British Ornithologists' Union by Academic Press.

Sub-species have been derived from the two volumes by:

Vaurie C. 1959. *The Birds of the Palearctic Fauna, Passeriformes*. H.F. & G. Witherby, London.

Vaurie C. 1965. *The Birds of the Palearctic Fauna, Non-Passeriformes*. H.F. & G. Witherby, London.

Exact spelling of scientific birdnames is according to 1) Voous and 2) Vaurie.

NOTE 1.

Column 24 (sub-specific determination) should be used only where the bird has been recognized by the ringer (or finder) as being of the particular subspecies given and not simply allotted to a particular subspecies because of the place or date of capture.

NOTE 2.

Because sometimes birds do fly beyond their known range, because opinions about taxonomy change now and then, and because birdringers do travel outside the holarctic area, this list of birds has to be enlarged regularly. Creating this version of the EURING code started the discussion about the need of a recent bird world-list. Some time was spent on that subject but the decision was made to postpone the implementation of such a list.

A bird species is not always and forever a bird species. Scientists gather new information, and now and then one species becomes two species or two species become one species. Scientists disagree on lumping and splitting. As a result, lists of bird species may consist of from 9200 to 10100 species of birds of the world. Another consequence of new information is that the zoological, Latin, name of a bird changes when the bird is considered to belong to another genus than before. Another exciting thing is the discovery of birds new to science. There is no such thing as *the* world listing of bird species, the three recently most known lists [Clements (2000), Howard & Moore (2003) and Sibley & Monroe (1990)] differ greatly on number and sequence of families.

The list (and the spelling of birdnames) presented here is still based on Voous and Vaurie. Any addition to this list is, when possible, based on Voous and Vaurie.

NOTE 3.

There are countless numbers of hybrids and intermediates. It's impossible to give them all an individual code-number. The EURINGcode does treat them all the same:

24998 hybrids or intermediates.

NOTE 4.

As mentioned above: when enlarging this species-list EURING does follow Voous (1977) and Vaurie (1959, 1965), but when those two doesn't give the solution, help is found in:

- Clements F.F. 2000. *Birds of the World. A Checklist*. Ibis Publishing Compagny, Vista, CA, USA. ISBN 0-934797-16-1.
- Howard R. & Moore A. 2003. *Complete checklist of the Birds of the World*. 3e Edition. London, Helm. ISBN 0-7136-6536-X.
- Sibley C.G. & Monroe B.L. 1990. *Distribution and Taxonomy of Birds of the World*. New Haven, Yale University Press. ISBN 0-300-04969-2.
- Sibley C.G. & Monroe B.L. 1993. *A Supplement to Distribution and Taxonomy of Birds of the World*. New Haven, Yale University Press. ISBN 0-300-05549-8.

- Wells M.G. 1998. *World Bird Species Checklist*. Worldlist, Bushey, UK. ISBN 0-9532420-0-5.

Remark.

Do you want to code a bird and it's not in the list:

e-mail your request to: vogeltrekstation@nioo.knaw.nl

**SPECIES and SUBSPECIES,
as concluded by the scheme.**

numeric, five columns (25 - 29)

Coding this field is the same as in the previous field.

NOTE.

The importance of this field is to confirm if the Scheme considers the species, given by the person who handled the bird, is correct or not.

Species in alphabetic order:

24997	Cage & exotic birds	12800	Abroscopus schisticeps	01770	Aix sponsa
24998	Hybrids & intermediates	02720	Accipiter badius	09580	Alaemon alaudipes
99999	Ring destroyed or lost	02730	Accipiter brevipes	09760	Alauda arvensis
24995	Species not accepted	30010	Accipiter castanilius	09750	Alauda gulgula
00000	Species unknown	02740	Accipiter cooperii	09770	Alauda razae
		30020	Accipiter erythropus	09799	Alauda sp.
		02670	Accipiter gentilis	06360	Alca torda
		30030	Accipiter melanoleucus	08310	Alcedo atthis
		02690	Accipiter nisus	30110	Alcedo coerulescens
02749	Accipiter sp.	02692	Accipiter nisus nisosimilis	30120	Alcedo cristata
12549	Acrocephalus sp.	30040	Accipiter ovampensis	30130	Alcedo leucogaster
09799	Alauda sp.	02710	Accipiter soloensis	30140	Alcedo quadibrachys
01949	Anas sp.	02749	Accipiter sp.	14230	Alcippe brunnea
01659	Anser spp.	02700	Accipiter striatus	14180	Alcippe castaneiceps
10159	Anthus spp.	23200	Accipiter tachiro	14160	Alcippe chrysotis
08009	Apus spp.	02680	Accipiter virgatus	14170	Alcippe cinerea
02979	Aquila sp.	15890	Acridotheres cristellus	14220	Alcippe cinereiceps
01259	Ardea sp.	15880	Acridotheres ginginianus	14240	Alcippe morrisonia
02059	Aythya sp.	15870	Acridotheres tristis	14210	Alcippe ruficapilla
06429	Brachyramphus sp.	12540	Acrocephalus aedon	14200	Alcippe straticollis
01699	Branta sp.	12470	Acrocephalus agricola	14190	Alcippe vinipectus
02919	Buteo spp.	12530	Acrocephalus arundinaceus	03590	Alectoris barbara
05129	Calidris spp.	12531	Acrocephalus arundinaceus arundinaceus	03550	Alectoris chukar
07839	Caprimulgus spp.	12532	Acrocephalus arundinaceus griseldis	03570	Alectoris graeca
16649	Carduelis spp.	20900	Acrocephalus baeticatus	03560	Alectoris magna
06409	Cephus spp.	12450	Acrocephalus bistrigiceps	03610	Alectoris melanocephala
04839	Charadrius sp.	12490	Acrocephalus brevipennis	03600	Alectoris philbyi
06289	Chlidonias sp.	12460	Acrocephalus concinens	03580	Alectoris rufa
01349	Ciconia sp.	12480	Acrocephalus dumetorum	30150	Alethe diademata
02649	Circus sp.	30050	Acrocephalus gracilirostris	06470	Alle alle
06829	Columba sp.	12410	Acrocephalus melanopogon	01700	Alopochen aegyptiacus
15749	Corvus sp.	12411	Acrocephalus melanopogon melanopogon	30160	Amadina fasciata
01559	Cygnus sp.	12420	Acrocephalus paludicola	20250	Amandava amandava
08979	Dendrocopos sp.	12500	Acrocephalus palustris	16170	Amandava subflava
01219	Egretta sp.	30060	Acrocephalus rufescens	04220	Amaurornis akool
18819	Emberiza sp.	12430	Acrocephalus schoenobaenus	26460	Amaurornis flavirostris
20439	Estrilda sp.	12510	Acrocephalus scirpaceus	04230	Amaurornis phoenicurus
03219	Falco sp.	12512	Acrocephalus scirpaceus fuscus	08070	Amazilia beryllina
16389	Fringilla sp.	12511	Acrocephalus scirpaceus scirpaceus	08090	Amazilia tzacatl
09739	Galerida sp.	12440	Acrocephalus sorgophilus	08100	Amazilia violiceps
00059	Gavia sp.	12549	Acrocephalus sp.	08080	Amazilia yucatanensis
04689	Glareola sp.	12520	Acrocephalus stentoreus	07110	Amazona leucocephala
04409	Grus sp.	14120	Actinodura nipalensis	26690	Amazona oratrix
12609	Hippolais sp.	05560	Actitis hypoleucos	30170	Amblyospiza albifrons
10019	Hirundinidae	05570	Actitis macularia	18320	Ammodramus baileyi
15249	Lanius sp.	30070	Actophilornis africanus	18270	Ammodramus bairdii
06009	Larus sp.	00130	Aechmophorus occidentalis	18300	Ammodramus caudacutus
05659	Limicolae	14370	Aegithalos caudatus	18330	Ammodramus henslowii
12399	Locustella sp.	14371	Aegithalos caudatus caudatus	26730	Ammodramus humeralis
20459	Lonchura sp.	14374	Aegithalos caudatus europaeus	18290	Ammodramus leconteii
16689	Loxia sp.	14373	Aegithalos caudatus japonicus	18310	Ammodramus maritimus
11129	Luscinia sp.	14375	Aegithalos caudatus rosaceus	18260	Ammodramus sandwichensis
02239	Mergus sp.	14372	Aegithalos caudatus sibiricus	18280	Ammodramus savannarum
02399	Milvus sp.	14360	Aegithalos concinnus	09550	Ammomanes cincturus
10239	Motacilla sp.	14320	Aegithalos fuliginosus	09570	Ammomanes deserti
13369	Muscicapa sp.	14330	Aegithalos iouschistos	09560	Ammomanes phoenicurus
05439	Numenius sp.	14350	Aegithalos leucogenys	03620	Ammoperdix griseogularis
00639	Oceanodroma sp.	14340	Aegithalos niveogularis	03630	Ammoperdix heyi
11589	Oenanthe sp.	07710	Aegolius acadicus	30180	Anaplectes rubriceps
14669	Parus sp.	07700	Aegolius funereus	01890	Anas acuta
16009	Passer sp.	02550	Aegyptius monachus	01800	Anas americana
00919	Pelecanus sp.	30080	Aeniigmatolimnas marginalis	01900	Anas bahamensis
03699	Perdix sp.	08010	Aeronautes saxatilis	01850	Anas capensis
00849	Phalacrocorax sp.	06490	Aethia cristatella	01940	Anas clypeata
11289	Phoenicurus sp.	06510	Aethia pusilla	01840	Anas crecca
13129	Phylloscopus sp.	06500	Aethia pygmaea	01842	Anas crecca carolinensis
00129	Podiceps sp.	14960	Aethiopyga gouldiae	26570	Anas crecca carolinensis (=01842)
04169	Porzana sp.	14980	Aethiopyga ignicauda	01841	Anas crecca crecca
10949	Prunella sp.	14970	Aethiopyga nipalensis	01843	Anas crecca nimia
00499	Puffinus sp.	30090	Agapornis pullarius	01930	Anas cyanoptera
13169	Regulus sp.	26720	Agelaius cyanopus	01920	Anas discors
99999	Ring destroyed or lost	19100	Agelaius humeralis	01810	Anas falcata
11429	Saxicola sp.	19090	Agelaius phoeniceus	01830	Anas formosa
02089	Somateria sp.	19080	Agelaius tricolor	27770	Anas georgica
05709	Stercorarius sp.	30100	Agelastes niger	27771	Anas georgica georgica
06259	Sterna sp.	18110	Aimophila aestivalis	27772	Anas georgica spinicauda
06919	Streptopelia sp.	18070	Aimophila belli	30190	Anas hottentota
07719	Strigidae	18060	Aimophila bilineata	01790	Anas penelope
07669	Strix sp.	18090	Aimophila botterii	01860	Anas platyrhynchos
15859	Sturnus sp.	18130	Aimophila carpalis	01880	Anas poecilorhyncha
12779	Sylvia sp.	18100	Aimophila cassinii	01910	Anas querquedula
12069	Turdus sp.	18080	Aimophila mystacalis	01870	Anas rubripes
06359	Uria sp.	18120	Aimophila quinquestrata	01949	Anas sp.
15049	Zosterops sp.	18150	Aimophila rufescens	30200	Anas sparsa
		18140	Aimophila ruficeps	01820	Anas strepera
12790	Abroscopus albogularis	01780	Aix galericulata	30210	Anas undulata

30220	Anastomus lamelligerus	27760	Aptenodytes forsteri	05440	Bartramia longicauda
01300	Anastomus oscitans	27750	Aptenodytes patagonicus	17790	Basileuterus culicivorus
30230	Andropadus ansorgei	08000	Apus affinis	17800	Basileuterus rufifrons
23500	Andropadus curvirostris	07930	Apus alexandri	30610	Batis orientalis
30240	Andropadus gracilirostris	07950	Apus apus	30620	Batis poensis
30250	Andropadus gracilis	30500	Apus barbatus	21100	Batis senegalensis
21000	Andropadus importunus	07990	Apus caffer	30630	Bias flammulatus
23600	Andropadus latirostris (= Stelgidocichla latirostris)	30510	Apus horus	30640	Bias musicus
30260	Andropadus montanus	07980	Apus melba	23800	Bleda canicapilla
30270	Andropadus tephrolaemus	07970	Apus pacificus	30650	Bleda eximia
23400	Andropadus virens (= Eurillas virens)	07960	Apus pallidus	30660	Bleda syndactyla
00850	Anhinga anhinga	30520	Apus sladeniae	10460	Bombycilla cedrorum
00860	Anhinga melanogaster	08000	Apus spp.	10480	Bombycilla garrulus
30280	Anhinga rufa	07940	Apus unicolor	10470	Bombycilla japonica
30290	Anomalospiza imberbis	02960	Aquila chrysaetos	03260	Bonasa bonasia
30300	Anous minutus	02930	Aquila clanga	03270	Bonasa sewerzowi
06300	Anous stolidus	02950	Aquila heliaca	03280	Bonasa umbellus
06290	Anous tenuirostris	02952	Aquila heliaca adalberti	30670	Bostrychia hagedash
01590	Anser albifrons	02951	Aquila heliaca heliaca	30680	Bostrychia olivacea
01591	Anser albifrons albifrons	30530	Aquila nipalensis (= 02942 A.r.n.)	30690	Bostrychia rara
01592	Anser albifrons flavirostris	02920	Aquila pomarina	00960	Botaurus lentiginosus
01610	Anser anser	02940	Aquila rapax	00950	Botaurus stellaris
01580	Anser brachyrhynchus	02942	Aquila rapax nipalensis	10980	Brachypteryx montana
01630	Anser caerulescens	02941	Aquila rapax rapax	10970	Brachypteryx stellata
01632	Anser caerulescens atlanticus	02979	Aquila sp.	06420	Brachyramphus brevirostris
01631	Anser caerulescens caerulescens	02970	Aquila verreauxii	06410	Brachyramphus marmoratus
01650	Anser canagicus	30540	Aquila wahlbergi	06429	Brachyramphus sp.
01560	Anser cygnoides	04320	Aramus guarana	30700	Bradornis pallidus
01600	Anser erythropus	07070	Aratinga holochlora	30710	Bradypterus baboecala
01570	Anser fabalis	26750	Aratinga leucophthalmus	30720	Bradypterus bangwaensis
01571	Anser fabalis fabalis	03750	Arborophila rufipectus	12240	Bradypterus luteoventris
01572	Anser fabalis jonanseni	03740	Arborophila rufogularis	12220	Bradypterus major
01573	Anser fabalis neglecticus	03730	Arborophila torqueola	12230	Bradypterus taczanowskii
01574	Anser fabalis rossicus	08160	Archilochus alexandri	12210	Bradypterus thoracicus
01620	Anser indicus	08180	Archilochus anna	01680	Branta bernicla
01640	Anser rossii	08150	Archilochus colubris	01681	Branta bernicla bernicla
01659	Anser spp.	08170	Archilochus costae	01682	Branta bernicla hrota
30310	Anthoscopus flavifrons	01220	Ardea cinerea	01683	Branta bernicla nigricans
30320	Anthoscopus parvulus	01250	Ardea goliath	01660	Branta canadensis
30330	Anthoscopus punctifrons	01230	Ardea herodias	01665	Branta canadensis asiatica
25100	Anthreptes collaris	30550	Ardea intermedia (=01200 E.i.)	01661	Branta canadensis canadensis
30340	Anthreptes fraseri	20310	Ardea melanocephala	01664	Branta canadensis hutchinsii
30350	Anthreptes gabonicus	01240	Ardea purpurea	01662	Branta canadensis occidentalis
30360	Anthreptes longuemarei	01259	Ardea sp.	01663	Branta canadensis parvipis
14920	Anthreptes metallicus	01020	Ardeirallus sturmii	01670	Branta leucopsis
14910	Anthreptes platyrus	01100	Ardeola bacchus	01690	Branta ruficollis
30370	Anthreptes rectirostris	01090	Ardeola grayii	01699	Branta sp.
04410	Anthropoides virgo	01080	Ardeola ralloides	30730	Bubalornis albirostris
27780	Anthus antarcticus	30560	Ardeola rufiventris	07450	Bubo africanus
10060	Anthus berthelotii	04450	Ardeotis arabs	07440	Bubo bubo
10050	Anthus campestris	05610	Arenaria interpres	30740	Bubo lacteus
10120	Anthus cervinus	05620	Arenaria melanocephala	30750	Bubo poensis
30380	Anthus cinnamomeus	20370	Argya fulva (= 13800 Turdoides fulvus)	07430	Bubo virginianus
10040	Anthus godlewskii	26760	Arremon taciturnus	01110	Bubulcus ibis
10100	Anthus gustavi	17960	Arremonops rufivirgatus	16760	Bucanetes githagineus
26740	Anthus hellmayri	07690	Asio capensis	16750	Bucanetes mongolicus
10080	Anthus hodgsoni	07680	Asio flammeus	30760	Buccanodon ducaillui
30390	Anthus leucophrys	07670	Asio otus	02160	Bucephala albeola
10110	Anthus pratensis	08710	Asyndesmus lewis	02180	Bucephala clangula
10020	Anthus richardi	07580	Athene brama	02170	Bucephala islandica
10130	Anthus roseatus	07590	Athene cucularia	30770	Buconvus abyssinicus
10070	Anthus similis	07570	Athene noctua	00340	Bulweria bulwerii
10140	Anthus spinoletta	26100	Atlapetes pallidiceps	00350	Bulweria fallax
10143	Anthus spinoletta littoralis	17940	Atlapetes pileatus	30780	Buphagus africanus
10142	Anthus spinoletta petrosus	17950	Atlapetes torquatus	04610	Burhinus capensis
10144	Anthus spinoletta rubescens	08200	Atthis heloisa	04590	Burhinus oedincnemus
10141	Anthus spinoletta spinoletta	26770	Attila bolivianus	04600	Burhinus senegalensis
10159	Anthus spp.	14890	Auriparus flaviceps	30790	Burhinus vermiculatus
10150	Anthus spragueii	30570	Aviceda cuculoides	02760	Butastur indicus
10030	Anthus sylvanus	02050	Aythya affinis	30800	Butastur rufipennis
10090	Anthus trivialis	01990	Aythya americana	02750	Butastur teesa
30400	Apalis cinerea	02010	Aythya baeri	02840	Buteo albicaudatus
30410	Apalis flavida	02000	Aythya collaris	02850	Buteo albonotatus
30420	Apalis jacksoni	01980	Aythya ferina	30810	Buteo auguralis
30430	Apalis nigriceps	02030	Aythya fuligula	02830	Buteo brachyurus
30440	Apalis pulchra	02040	Aythya marila	02870	Buteo buteo
30450	Apalis rufogularis	02020	Aythya nyroca	02871	Buteo buteo buteo
30460	Apaloderma aequatoriale	02059	Aythya sp.	02873	Buteo buteo insularum
30470	Apaloderma narina	01970	Aythya valisineria	02872	Buteo buteo vulpinus
30480	Apaloderma vittatum	13830	Babax koslowi	02890	Buteo hemilasius
15050	Apalopteron familiare	13810	Babax lanceolatus	02860	Buteo jamaicensis
15370	Aphelocoma coerulescens	13820	Babax waddelli	02900	Buteo lagopus
15360	Aphelocoma ultramarina	30580	Baeopogon clamans	02810	Buteo lineatus
04940	Aphriza virgata	30590	Baeopogon indicator	26780	Buteo magnirostris
30490	Aplopelia larvata	30600	Baleaica pavonina	02790	Buteo nitidus
		03760	Bambusicola thoracica	02800	Buteo platypterus

02910	Buteo regalis	07820	Caprimulgus carolinensis	26713	Centropus superciliosus loandae
02880	Buteo rufinus	07740	Caprimulgus centralasicus	26712	Centropus superciliosus sokotrae
02919	Buteo spp.	30950	Caprimulgus climacurus	26711	Centropus superciliosus superciliosus
02820	Buteo swainsonii	07780	Caprimulgus europaeus	08660	Centurus aurifrons
02770	Buteogallus anthracinus	07800	Caprimulgus eximius	08650	Centurus carolinus
01070	Butorides striatus	07770	Caprimulgus indicus	08680	Centurus superciliiaris
26790	Cacicus cela	07720	Caprimulgus inornatus	08670	Centurus uropygialis
19220	Cacicus melanicterus	07750	Caprimulgus mahrattensis	14880	Cephalopyrus flammiceps
07220	Cacomantis merulinus	30960	Caprimulgus natalensis	06400	Cepphus carbo
2497	Cage & exotic birds	07730	Caprimulgus rubicus	06390	Cepphus columba
01750	Cairina moschata	26810	Caprimulgus parvulus parvulus	06380	Cepphus grylle
26500	Calamator levillauii	30970	Caprimulgus pectoralis	06409	Cepphus spp.
18450	Calamospiza melanocorys	07790	Caprimulgus ruficollis	31020	Ceratogymna albotibialis
09690	Calandrella acutirostris	07839	Caprimulgus spp.	31030	Ceratogymna atrata
09680	Calandrella brachydactyla	30980	Caprimulgus tristigma	31040	Ceratogymna bucinator
09670	Calandrella cinerea	07830	Caprimulgus vociferus	31050	Ceratogymna elata
09710	Calandrella raytal	18880	Cardinalis cardinalis	31060	Ceratogymna fistulator
09700	Calandrella rufescens	18890	Cardinalis sinuatus	31070	Ceratogymna subcylindricus
09702	Calandrella rufescens cheleensis	17740	Cardinella rubrifrons	31080	Cercococcyx mechowi
09701	Calandrella rufescens rufescens	16510	Carduelis ambigua	31090	Cercococcyx olivinus
18470	Calcarius lapponicus	16600	Carduelis cannabina	31100	Cercomela familiaris
18460	Calcarius mccoynii	16601	Carduelis cannabina cannabina	11350	Cercomela melanura
18480	Calcarius ornatus	16603	Carduelis cannabina harteri	10950	Cercotrichas galactotes
18490	Calcarius pictus	16602	Carduelis cannabina meadewaldoi	10952	Cercotrichas galactotes familiaris
05080	Calidris acuminata	16604	Carduelis cannabina mediterranea	10951	Cercotrichas galactotes galactotes
04970	Calidris alba	16530	Carduelis carduelis	10953	Cercotrichas galactotes syriacus
05120	Calidris alpina	16532	Carduelis carduelis caniceps	31110	Cercotrichas hartlaubi
05121	Calidris alpina alpina	16531	Carduelis carduelis carduelis	10960	Cercotrichas podobe
05122	Calidris alpina arctica	16490	Carduelis chloris	06530	Cerorhinca monocerata
05123	Calidris alpina schinzii	16630	Carduelis flammea	14870	Certhia brachydactyla
05128	Calidris alpina schinzii / arctica	16634	Carduelis flammea cabaret	14830	Certhia discolor
05060	Calidris bairdii	16631	Carduelis flammea flammea	14860	Certhia familiaris
04960	Calidris canutus	16632	Carduelis flammea rostrata	14862	Certhia familiaris britannica
04961	Calidris canutus canutus	16620	Carduelis flavirostris	14863	Certhia familiaris corsa
04962	Calidris canutus islandicus	16640	Carduelis homemanni	14861	Certhia familiaris familiaris
05090	Calidris ferruginea	16642	Carduelis homemanni exilipes	14864	Certhia familiaris macrodactyla
05050	Calidris fuscicollis	16641	Carduelis homemanni homemanni	14840	Certhia himalayana
05100	Calidris maritima	16590	Carduelis lawrencei	14850	Certhia nipalensis
04990	Calidris mauri	16560	Carduelis notata	26820	Certhiaxis cinnamomea
05070	Calidris melanotos	16550	Carduelis pinus	08340	Ceryle alcyon
05010	Calidris minuta	16580	Carduelis psaltria	08360	Ceryle lugubris
05040	Calidris minutilla	16500	Carduelis sinica	08330	Ceryle rudis
05110	Calidris ptilocnemis	16520	Carduelis spinoides	08350	Ceryle torquata
04980	Calidris pusilla	16540	Carduelis spinus	12180	Cettia acanthizoides
05000	Calidris ruficollis	16649	Carduelis spp.	12190	Cettia brunifrons
05129	Calidris spp.	16570	Carduelis tristis	12200	Cettia cetti
05030	Calidris subminuta	16610	Carduelis yemenensis	12140	Cettia diphone
05020	Calidris temminckii	16810	Carpodacus cassinii	12170	Cettia flavivivacea
04950	Calidris tenuirostris	16870	Carpodacus edwardsii	12150	Cettia fortipes
16480	Callacanthus burtoni	16840	Carpodacus eos	12160	Cettia major
03410	Callipepla californica	16790	Carpodacus erythrinus	12130	Cettia squameiceps
03430	Callipepla douglasii	16940	Carpodacus grandis	31120	Ceuthmochares aereus
03420	Callipepla gambelii	16820	Carpodacus mexicanus	07900	Chaetura pelagica
03390	Callipepla picta	16780	Carpodacus nipalensis	07910	Chaetura vauxi
03400	Callipepla squamata	16830	Carpodacus pulcherrimus	11590	Chaimarrornis leucocephalus
08130	Calliphlox evelynae	16970	Carpodacus puniceus	21300	Chalcites basalis
25700	Callonetta leucophrys	16800	Carpodacus purpureus	06930	Chalchophaps indica
00360	Calonectris diomedea	16930	Carpodacus rhodochlamys	13630	Chamaea fasciata
00370	Calonectris leucomelas	16850	Carpodacus rhodochrous	17660	Chamaethlypis poliocephala
08140	Calothorax lucifer	16910	Carpodacus rhodopeplus	04770	Charadrius alexandrinus
30820	Calyptocichla serina	16890	Carpodacus roseus	04800	Charadrius asiaticus
21200	Camaroptera brachyura	16770	Carpodacus rubescens	04690	Charadrius dubius
24300	Camaroptera brevicaudata	16960	Carpodacus rubicilla	31130	Charadrius forbesi
30830	Camaroptera chloronota	16950	Carpodacus rubicilloides	04700	Charadrius hiaticula
30840	Camaroptera superciliiaris	16880	Carpodacus synoicus	04701	Charadrius hiaticula hiaticula
30850	Campophaga oriolina	16920	Carpodacus thura	04702	Charadrius hiaticula tundrae
30860	Campophaga petiti	16900	Carpodacus trifasciatus	04790	Charadrius leschenaultii
30870	Campophaga phoenicea	16860	Carpodacus vinaceus	20460	Charadrius marginatus
30880	Campophaga quiscalina	02270	Cathartes aura	04750	Charadrius melodus
09010	Campophilus imperialis	11800	Catharus aurantiirostris	04780	Charadrius mongolus
09000	Campophilus principalis	11790	Catharus fuscescens	04783	Charadrius mongolus atrifrons
30890	Campothera abingoni	11760	Catharus guttatus	04781	Charadrius mongolus mongolus
30900	Campothera cailliauii	11780	Catharus minimus	04782	Charadrius mongolus pamirensis
30910	Campothera caroli	11782	Catharus minimus bicknelli	04784	Charadrius mongolus schaeferi
30920	Campothera nivosa	11781	Catharus minimus minimus	04785	Charadrius mongolus stegmanni
26520	Campothera punctuligera	11810	Catharus occidentalis	04830	Charadrius montanus
30930	Campothera tullbergi	11770	Catharus ustulatus	04820	Charadrius morinellus
02100	Campptorhynchus labradorius	05600	Catoptrophorus semipalmatus	04760	Charadrius pecuarius
09080	Campptostoma imberbe	03910	Catreus wallichii	04720	Charadrius placidus
26800	Campptostoma obsoletum	03380	Centrocercus urophasianus	04710	Charadrius semipalmatus
10550	Campylorhynchus brunneicapillus	30990	Centropus grillii	04839	Charadrius sp.
10540	Campylorhynchus gularis	31000	Centropus leucogaster	31140	Charadrius tricoloris
10530	Campylorhynchus jocosus	31010	Centropus monachus	04810	Charadrius veredus
30940	Canirallus oculus	07340	Centropus senegalensis	04740	Charadrius vociferus
07810	Caprimulgus aegyptius	26710	Centropus superciliosus	04730	Charadrius wilsonia
07760	Caprimulgus asiaticus	26714	Centropus superciliosus burchellii	17010	Chaunoproctus ferreorostris

31150	Chelictinia riocourii	26850	Colaptes campestris	31550	Cossyphicula roberti
09590	Chersophilus duponti	08520	Colaptes chrysoides	04170	Coturnicops exquisita
04910	Chettusia gregaria	03450	Colinus virginianus	04180	Coturnicops noveboracensis
04920	Chettusia leucura	31390	Colius striatus	31560	Coturnix adansonii
20070	Chionis alba	07890	Collocalia brevirostris	03700	Coturnix coturnix
04440	Chlamydotis undulata	31400	Columba arquatrix	26600	Coturnix delegorguei
04443	Chlamydotis undulata fuertaventurae	06720	Columba bollii	03710	Coturnix japonica
04442	Chlamydotis undulata macqueenii	31410	Columba delegorguei	26880	Cranioleuca gutturata
04441	Chlamydotis undulata undulata	06690	Columba eversmanni	15860	Creatophora cinneracea
06260	Chlidonias hybridus	06810	Columba fasciata	31570	Crecopsis egregia
06280	Chlidonias leucopterus	06820	Columba flavirostris	04210	Crex crex
06270	Chlidonias niger	31420	Columba guinea	31580	Crinifer piscator
06289	Chlidonias sp.	06740	Columba hodgsonii	23900	Criniger barbatus
20380	Chloephaga picta	06760	Columba janthina	24000	Criniger calurus
26830	Chloroceryle amazona	06780	Columba jouyi	31590	Criniger chloronotus
08320	Chloroceryle americana	06730	Columba junoniae	31600	Criniger olivaceus
26540	Chlorocichla flavicollis	06790	Columba leucocephala	03900	Crossoptilon aritum
31160	Chlorocichla simplex	06670	Columba leuconota	03880	Crossoptilon crossoptilon
31170	Chloropeta natalensis	06650	Columba livia	03890	Crossoptilon mantchuricum
10410	Chloropsis hardwickii	06680	Columba oenas	07310	Crotophaga ani
08030	Chlorostilbon ricardii	06700	Columba palumbus	07320	Crotophaga sulcirostris
18240	Chondestes grammacus	06750	Columba pulchricollis	26890	Crypturellus parvirostris
02300	Chondrohierax uncinatus	06660	Columba rupestris	07240	Cuculus canorus
07870	Chordeiles acutipennis	06829	Columba sp.	31610	Cuculus clamosus
07860	Chordeiles minor	06800	Columba squamosa	31620	Cuculus gularis
07200	Chrysococcyx caprius	06710	Columba trocaz	07230	Cuculus micropterus
31180	Chrysococcyx cupreus	31430	Columba unicincta	07260	Cuculus poliocephalus
31190	Chrysococcyx flavigularis	06770	Columba versicolor	07250	Cuculus saturatus
07210	Chrysococcyx klaas	06980	Columbigallina passerina	31630	Cuculus solitarius
07190	Chrysococcyx maculatus	26860	Columbina picui	13500	Culicicapa ceylonensis
03970	Chrysolophus amherstiae	13650	Conostoma oemodium	26900	Culicivora caudata
03960	Chrysolophus pictus	09310	Contopus borealis	04640	Cursorius cursor
11740	Cichlopasser terrestris	09270	Contopus caribaeus	31640	Cursorius temminckii
01320	Ciconia abdimii	09280	Contopus pertinax	14090	Cutia nipalensis
01340	Ciconia ciconia	09290	Contopus sordidulus	15350	Cyanocitta cristata
01330	Ciconia episcopus	09300	Contopus virens	15340	Cyanocitta stelleri
01310	Ciconia nigra	07080	Conuropsis carolinensis	15330	Cyanocorax beecheii
01349	Ciconia sp.	27910	Copsychus albospectularis	15280	Cyanocorax dickeyi
10500	Cinclus cinclus	27980	Copsychus cebuensis	15300	Cyanocorax formosa
10503	Cinclus cinclus aquaticus	27960	Copsychus luzoniensis	15310	Cyanocorax morio
10502	Cinclus cinclus caucasicus	27940	Copsychus malabaricus	15320	Cyanocorax sanblasiana
10501	Cinclus cinclus cinclus	27970	Copsychus niger	15290	Cyanocorax yncas
10504	Cinclus cinclus gularis	27920	Copsychus saularis	26200	Cyanoliseus patagonus
10520	Cinclus mexicanus	27930	Copsychus sechellarum	25200	Cyanomitra olivacea
10510	Cinclus pallasi	08420	Coracias abyssinicus	15470	Cyanopica cyana
15760	Cinnyricinclus leucogaster	08430	Coracias benghalensis	06520	Cyclorhynchus psittacula
31200	Circaetus cinerascens	31440	Coracias cyanogaster	20800	Cygnus atratus
31210	Circaetus cinereus	08410	Coracias garrulus	01550	Cygnus buccinator
02560	Circaetus gallicus	31450	Coracias naevia	01530	Cygnus columbianus
02600	Circus aeruginosus	31460	Coracina azurea	01532	Cygnus columbianus bewickii
02610	Circus cyaneus	31470	Coracina caesia	01531	Cygnus columbianus columbianus
02620	Circus macrorurus	10250	Coracina melaschistos	01540	Cygnus cygnus
02640	Circus melanoleucus	31480	Coracina pectoralis	01520	Cygnus olor
02630	Circus pygargus	02280	Coragyps atratus	01559	Cygnus sp.
02649	Circus sp.	31490	Corvinella corvina	08040	Cynanthus latirostris
31220	Cisticola anonymus	15700	Corvus albus	13260	Cyornis rubeculoides
31230	Cisticola aridulus	15640	Corvus brachyrhynchus	13250	Cyornis vvida
31240	Cisticola brachypterus	15720	Corvus corax	07880	Cypseloides niger
31250	Cisticola cantans	15721	Corvus corax corax	08020	Cypsiurus parvus
31260	Cisticola chubbii	15722	Corvus corax tigananus	03460	Cyrtonyx montezumae
31270	Cisticola dorsti	15670	Corvus corone	00230	Daption capense
31280	Cisticola emini	15673	Corvus corone cornix	26910	Deconychura longicauda
31290	Cisticola erythrops	15671	Corvus corone corone	10000	Delichon dasypus
31300	Cisticola eximius	15730	Corvus cryptoleucus	09990	Delichon nipalensis
31310	Cisticola galactotes	15610	Corvus dauuricus	10010	Delichon urbica
12260	Cisticola juncidis	15630	Corvus frugilegus	03240	Dendragapus canadensis
31320	Cisticola lateralis	15650	Corvus imparatus	03230	Dendragapus falcipennis
31330	Cisticola natalensis	15680	Corvus macrorhynchus	03250	Dendragapus obscurus
31340	Cisticola robustus	15600	Corvus monedula	26920	Dendrocincla merula
31350	Cisticola rufoceps	15601	Corvus monedula monedula	26921	Dendrocincla merula merula
31360	Cisticola rufus	15602	Corvus monedula soemmerringii	15480	Dendrocitta formosae
10590	Cistothorus palustris	15603	Corvus monedula spermologus	08970	Dendrocopos albarvatus
10580	Cistothorus platensis	15660	Corvus ossifragus	08990	Dendrocopos arcticus
07160	Clamator glandarius	15740	Corvus rhipidurus	08950	Dendrocopos arizonae
07150	Clamator jacobinus	15710	Corvus ruficollis	08790	Dendrocopos assimilis
31370	Clamator levaillantii	15749	Corvus sp.	08860	Dendrocopos auriceps
02120	Clangula hyemalis	15620	Corvus splendens	08940	Dendrocopos borealis
31380	Clytospiza montei	15690	Corvus torquatus	08880	Dendrocopos canicapillus
26840	Cnemotriccus fuscatus	26870	Coryphasiza melanotis	08820	Dendrocopos cathpharius
17170	Coccothraustes coccothraustes	31500	Corythaeola cristata	08810	Dendrocopos darjellensis
07280	Coccyzus americanus	31510	Cossypha albicapilla	08900	Dendrocopos dorae
07270	Coccyzus erythrophthalmus	31520	Cossypha cyanocampter	08800	Dendrocopos himalayensis
07290	Coccyzus minor	31530	Cossypha isabellae	08850	Dendrocopos hyperythrus
17830	Coereba flaveola	20340	Cossypha natalensis	08890	Dendrocopos kizuki
08500	Colaptes auratus	21400	Cossypha niveicapilla	08770	Dendrocopos leucopterus
08510	Colaptes cafer	31540	Cossypha polioptera	08840	Dendrocopos leucotos

Ø876Ø	Dendrocopos major	Ø118Ø	Egretta gularis	11ØØØ	Erithacus akahige
Ø8761	Dendrocopos major major	Ø1181	Egretta gularis gularis	11Ø1Ø	Erithacus komadori
Ø883Ø	Dendrocopos medius	Ø1182	Egretta gularis schistacea	1Ø99Ø	Erithacus rubecula
Ø887Ø	Dendrocopos minor	Ø12ØØ	Egretta intermedia	1Ø991	Erithacus rubecula rubecula
Ø892Ø	Dendrocopos nuttallii	Ø117Ø	Egretta sacra	1Ø992	Erithacus rubecula superbus
Ø893Ø	Dendrocopos pubescens	Ø1219	Egretta sp.	3195Ø	Erythrocerus mcallii
Ø891Ø	Dendrocopos scalaris	Ø115Ø	Egretta thula	Ø462Ø	Esacus recurvirostris
Ø8979	Dendrocopos sp.	2696Ø	Elaenia flavogaster	1615Ø	Estrilda astrild
Ø878Ø	Dendrocopos syriacus	Ø9Ø7Ø	Elaenia martinica	3196Ø	Estrilda caerulescens
Ø898Ø	Dendrocopos tridactylus	2697Ø	Elaenia parvirostris	2Ø43Ø	Estrilda melpoda
Ø896Ø	Dendrocopos villosus	Ø233Ø	Elanoides forficatus	3197Ø	Estrilda nonnula
Ø15ØØ	Dendrocycyna arborea	3183Ø	Elanus axillaris	3198Ø	Estrilda paludicola
Ø151Ø	Dendrocycyna autumnalis	Ø235Ø	Elanus caeruleus	2644Ø	Estrilda perreina
Ø149Ø	Dendrocycyna bicolor	Ø234Ø	Elanus leucurus	3199Ø	Estrilda poliopareia
1736Ø	Dendroica caerulescens	3184Ø	Elminia albiventris	2645Ø	Estrilda rhodopyga
1754Ø	Dendroica castanea	217ØØ	Elminia longicauda	1616Ø	Estrilda rufibarba
1735Ø	Dendroica cerulea	3185Ø	Elminia nigromitrata	2Ø439	Estrilda sp.
1746Ø	Dendroica chrysoparia	3186Ø	Emberiza affinis	2Ø27Ø	Estrilda troglodytes
1751Ø	Dendroica coronata	1876Ø	Emberiza aureola	2699Ø	Eucometis penicillata
1748Ø	Dendroica discolor	188ØØ	Emberiza bruniceps	26991	Eucometis penicillata penicillata
174ØØ	Dendroica dominica	1867Ø	Emberiza b Buchananii	Ø138Ø	Eudocimus albus
1747Ø	Dendroica fusca	3187Ø	Emberiza cabanisi	Ø139Ø	Eudocimus ruber
1738Ø	Dendroica graciae	1868Ø	Emberiza caesia	2Ø3ØØ	Eudypetes chrysolophus
1741Ø	Dendroica kirtlandii	1871Ø	Emberiza chrysophrys	Ø812Ø	Eugenes fulgens
175ØØ	Dendroica magnolia	186ØØ	Emberiza cia	1619Ø	Euodice cantans
1742Ø	Dendroica nigrescens	1865Ø	Emberiza cineracea	1618Ø	Euodice malabarica
1743Ø	Dendroica occipitalis	1861Ø	Emberiza cioides	19Ø1Ø	Euphagus carolinensis
1752Ø	Dendroica palmarum	1858Ø	Emberiza cirius	19ØØØ	Euphagus cyanocephalus
1734Ø	Dendroica pennsylvanica	1857Ø	Emberiza citrinella	1791Ø	Euphonia affinis
1733Ø	Dendroica petechia	187ØØ	Emberiza elegans	27ØØØ	Euphonia chlorotica
1737Ø	Dendroica pinus	3188Ø	Emberiza flaviventris	1792Ø	Euphonia elegantissima
1739Ø	Dendroica pityophila	1869Ø	Emberiza fucata	27Ø1Ø	Euphonia laniirostris
1753Ø	Dendroica striata	1866Ø	Emberiza hortulana	27Ø11	Euphonia laniirostris laniirostris
1749Ø	Dendroica tigrina	1862Ø	Emberiza jankowskii	2Ø42Ø	Euplectes afer
1744Ø	Dendroica townsendi	1855Ø	Emberiza koslowi	2662Ø	Euplectes albonotatus
1745Ø	Dendroica virens	1856Ø	Emberiza leucocephalos	32ØØØ	Euplectes ardens
1Ø16Ø	Dendronanthus indicus	1881Ø	Emberiza melanocephala	32Ø1Ø	Euplectes axillaris
3165Ø	Dendropicos elachus	1878Ø	Emberiza pallasi	32Ø2Ø	Euplectes capensis
3166Ø	Dendropicos elliotii	1874Ø	Emberiza pusilla	2Ø48Ø	Euplectes franciscanus
3167Ø	Dendropicos fuscescens	1873Ø	Emberiza rustica	32Ø3Ø	Euplectes hartlaubi
3168Ø	Dendropicos gabonensis	1875Ø	Emberiza rutila	32Ø4Ø	Euplectes hordeaceus
3169Ø	Dendropicos goetae	1877Ø	Emberiza schoeniclus	32Ø5Ø	Euplectes macrourus
317ØØ	Dendropicos obsoletus	18771	Emberiza schoeniclus schoeniclus	2Ø47Ø	Euplectes orix
3171Ø	Dendropicos poecilolaemus	18772	Emberiza schoeniclus witherbyi	32Ø6Ø	Eupodotis melanogaster
3172Ø	Dendropicos pyrrhogaster	1851Ø	Emberiza siemsseni	32Ø7Ø	Eupodotis ruficrista
3173Ø	Dendropicos xantholophus	18819	Emberiza sp.	32Ø8Ø	Eupodotis senegalensis
15ØØØ	Dicaeum ignipectus	1853Ø	Emberiza spodocephala	Ø513Ø	Eurynorhynchus pygmeus
1499Ø	Dicaeum melanoxanthum	1859Ø	Emberiza stewarti	Ø844Ø	Eurystomus glaucurus
215ØØ	Dicurus adsimilis	1863Ø	Emberiza striolata	32Ø9Ø	Eurystomus gularis
3174Ø	Dicurus atripennis	1854Ø	Emberiza sulphurata	Ø845Ø	Eurystomus orientalis
1527Ø	Dicurus hottentottus	1864Ø	Emberiza tahapisi	321ØØ	Euschistospiza dybowskii
1526Ø	Dicurus leucophaeus	1872Ø	Emberiza tristrami	1778Ø	Euthlypis lachrymosa
3175Ø	Dicurus ludwigii	1852Ø	Emberiza variabilis	3211Ø	Falco alopec
1525Ø	Dicurus macrocercus	1879Ø	Emberiza yessoensis	Ø317Ø	Falco altaicus
3176Ø	Dicurus modestus	2698Ø	Emberizoides herbicola	Ø3Ø8Ø	Falco amurensis
1793Ø	Diglossa baritula	Ø919Ø	Empidonax affinis	3212Ø	Falco ardosiaceus
Ø861Ø	Dinopium benghalense	Ø921Ø	Empidonax albigularis	Ø314Ø	Falco biarmicus
ØØ19Ø	Diomedea albatrus	Ø923Ø	Empidonax alorum	Ø316Ø	Falco cherrug
ØØ16Ø	Diomedea cauta	Ø92ØØ	Empidonax difficilis	Ø3Ø6Ø	Falco chicquera
ØØ15Ø	Diomedea chlororhynchus	Ø913Ø	Empidonax flaviventris	Ø3Ø9Ø	Falco columbarius
2ØØ9Ø	Diomedea chrysostoma	Ø924Ø	Empidonax fulvifrons	Ø3Ø92	Falco columbarius subaesonon
ØØ2ØØ	Diomedea exulans	Ø916Ø	Empidonax hammondii	Ø312Ø	Falco concolor
ØØ18Ø	Diomedea immutabilis	Ø915Ø	Empidonax minimus	3213Ø	Falco cuvierii
ØØ14Ø	Diomedea melanophris	Ø917Ø	Empidonax oberholseri	Ø311Ø	Falco eleonorae
ØØ17Ø	Diomedea nigripes	Ø922Ø	Empidonax traillii	Ø313Ø	Falco femoralis
1897Ø	Dolichonyx oryzivorus	Ø914Ø	Empidonax virescens	Ø315Ø	Falco jugger
2693Ø	Donacobius atricapilla	Ø918Ø	Empidonax wrightii	Ø319Ø	Falco mexicanus
2694Ø	Donacospiza albifrons	Ø644Ø	Endomychura craveri	Ø3Ø3Ø	Falco naumanni
Ø458Ø	Dromas ardeola	Ø643Ø	Endomychura hypoleuca	Ø321Ø	Falco pelegrinoides
3177Ø	Drymochila incana	121ØØ	Enicurus leschenaulti	Ø32ØØ	Falco peregrinus
Ø864Ø	Dryocopus javensis	1211Ø	Enicurus maculatus	Ø32Ø2	Falco peregrinus brookei
Ø863Ø	Dryocopus martius	12Ø9Ø	Enicurus schistaceus	Ø32Ø1	Falco peregrinus peregrinus
Ø862Ø	Dryocopus pileatus	12Ø8Ø	Enicurus scouleri	Ø318Ø	Falco rusticolus
3178Ø	Dryoscopus angolensis	1715Ø	Eophona migratoria	Ø3219	Falco sp.
3179Ø	Dryoscopus gambensis	1716Ø	Eophona personata	Ø3Ø5Ø	Falco sparverius
318ØØ	Dryoscopus sabinii	3189Ø	Ephippiorhynchus senegalensis	Ø31ØØ	Falco subbuteo
216ØØ	Dryoscopus senegalensis	Ø954Ø	Eremalauda dunnii	Ø3Ø4Ø	Falco tinnunculus
3181Ø	Dryotrichichus spectabilis	319ØØ	Eremomela badiceps	Ø3Ø7Ø	Falco vespertinus
1Ø8ØØ	Dumetella carolinensis	3191Ø	Eremomela canescens	1348Ø	Ficedula albicollis
247ØØ	Dyaphorophya castanea	3192Ø	Eremomela icteropygialis	13481	Ficedula albicollis albicollis
2695Ø	Dysithamnus mentalis	3193Ø	Eremomela pusilla	13482	Ficedula albicollis semitorquata
Ø694Ø	Ectopistes migratorius	Ø978Ø	Eremophila alpestris	134ØØ	Ficedula hodgsonii
Ø121Ø	Egretta alba	Ø979Ø	Eremophila bilopha	1341Ø	Ficedula hyperythra
3182Ø	Egretta ardesiaca	3194Ø	Eremopterix leucotis	1349Ø	Ficedula hypoleuca
Ø116Ø	Egretta eulophotes	Ø953Ø	Eremopterix nigriceps	13491	Ficedula hypoleuca hypoleuca
Ø119Ø	Egretta garzetta	1775Ø	Ergaticus ruber	13492	Ficedula hypoleuca ibericus

13440	Ficedula mugimaki	15410	Garrulus ladithi	27070	Hemitriccus flammulatus
13460	Ficedula narcissina	00050	Gavia adamsii	27080	Hemitriccus zosterops
13430	Ficedula parva	00030	Gavia arctica	17190	Hesperiphona abeillei
13432	Ficedula parva albicilla	00040	Gavia immer	17180	Hesperiphona vespertina
13431	Ficedula parva parva	00059	Gavia sp.	14250	Heterophasia capistrata
13370	Ficedula sapphira	00020	Gavia stellata	14260	Heterophasia pulchella
13470	Ficedula semitorquata	06050	Gelochelidon nilotica	05580	Heteroscelus brevipes
13420	Ficedula strophiatea	07330	Geococcyx californianus	05590	Heteroscelus incanus
13390	Ficedula supercilii	27060	Geothlypis aequinoctialis	32350	Hieraaetus ayresii
13380	Ficedula tricolor	27061	Geothlypis aequinoctialis aequinoctialis	02990	Hieraaetus fasciatus
13450	Ficedula zanthopygia	17650	Geothlypis nelsoni	02980	Hieraaetus pennatus
27020	Formicivora rufa	17630	Geothlypis rostrata	32360	Hieraaetus spilogaster
03660	Francolinus bicalcaratus	17640	Geothlypis speciosa	07170	Hierococcyx fugax
03640	Francolinus francolinus	17620	Geothlypis trichas	07180	Hierococcyx sparveroides
03650	Francolinus pondicerianus	07010	Geotrygon chrysis	04550	Himantopus himantopus
24600	Fraseria cinerascens	07020	Geotrygon montana	32370	Himantornis haematopus
32140	Fraseria ocreata	02590	Geranospiza caerulescens	12560	Hippolais caligata
06540	Fratercula arctica	01400	Geronticus eremita	12561	Hippolais caligata caligata
06550	Fratercula corniculata	32170	Glareola cinerea	12562	Hippolais caligata rama (S.W.)
00940	Fregata ariel	04680	Glareola lactea	12590	Hippolais icterina
00930	Fregata magnificens	04660	Glareola maldivarum	12570	Hippolais languida
00920	Fregata minor	04670	Glareola nordmanni	12580	Hippolais olivetorum
27720	Fregetta grallaria	32180	Glareola nuchalis	12550	Hippolais pallida opacus (W.O.W.)
27730	Fregetta tropica	04650	Glareola pratincola	12553	Hippolais pallida elaeica
16360	Fringilla coelebs	04689	Glareola sp.	12555	Hippolais pallida laeneri
16362	Fringilla coelebs africana	07530	Glaucidium brasilianum	12552	Hippolais pallida opacus (W.O.W.)
16365	Fringilla coelebs canariensis	07540	Glaucidium brodiei	12551	Hippolais pallida pallida
16361	Fringilla coelebs coelebs	07520	Glaucidium gnoma	12554	Hippolais pallida reiseri
16363	Fringilla coelebs ombriosa	07510	Glaucidium passerinum	12600	Hippolais polyglotta
16364	Fringilla coelebs palmarum	32190	Glaucidium perlatum	12609	Hippolais sp.
16380	Fringilla montifringilla	32200	Glaucidium sjostedti	07920	Hirundapus caudacutus
16389	Fringilla sp.	01030	Gorsachius isis	10019	Hirundinidae
16370	Fringilla teydea	32210	Gorsachius leuconotus	32380	Hirundo abyssinica
16372	Fringilla teydea polatzeki	11310	Grandala coelicolor	32390	Hirundo aethiopia
16371	Fringilla teydea teydea	04390	Grus americana	09950	Hirundo daurica
04300	Fulica americana	04360	Grus canadensis	09951	Hirundo daurica daurica
04290	Fulica atra	04330	Grus grus	09952	Hirundo daurica domicella
04310	Fulica cristata	04380	Grus japonensis	32400	Hirundo domicella (=09952 H.daurica domicella)
00220	Fulmarus glacialis	04400	Grus leucogeranus	09960	Hirundo fluvicola
00221	Fulmarus glacialis glacialis	04350	Grus monacha	32410	Hirundo fuligula
20130	Fulmarus glacialisoides	04340	Grus nigricollis	09970	Hirundo fulva
27030	Furnarius leucopus	04409	Grus sp.	32420	Hirundo leucosoma
27031	Furnarius leucopus leucopus	04370	Grus vipio	20080	Hirundo lucida
27040	Furnarius rufus	32220	Grus virgo (=04410 A.v.)	32430	Hirundo nigrita
27050	Galbula ruficauda	18910	Guiraca caerulea	32440	Hirundo preussi
27051	Galbula ruficauda ruficauda	32230	Guttera pucherani	09980	Hirundo pyrrhonota
09720	Galerida cristata	06310	Gygis alba	09920	Hirundo rustica
32150	Galerida modesta	32240	Gymnobucco calvus	32450	Hirundo semirufa
09739	Galerida sp.	32250	Gymnobucco peli	32460	Hirundo senegalensis
09730	Galerida theklae	02290	Gymnogyphus californianus	09940	Hirundo smithii
04280	Gallinago cinerea	15380	Gymnorhinus cyanocephalus	09930	Hirundo tahitica
05190	Gallinago gallinago	02460	Gypaetus barbatus	02110	Histrionicus histrionicus
05230	Gallinago hardwickii	32260	Gypohierax angolensis	11300	Hodgsonius phoenicuroides
05200	Gallinago media	32270	Gyps africanus	04890	Hoplopterus cinereus
05220	Gallinago megala	02490	Gyps bengalensis	04900	Hoplopterus indicus
05250	Gallinago nemoricola	02510	Gyps fulvus	04870	Hoplopterus spinosus
05240	Gallinago solitaria	02520	Gyps himalayensis	04880	Hoplopterus tectus
05210	Gallinago stenura	02500	Gyps indicus	24998	Hybrids & intermediates
32160	Gallinula angulata	02530	Gyps rueppellii	01120	Hydranassa caerulea
04240	Gallinula chloropus	04520	Haematopus bachmani	01140	Hydranassa rufescens
03860	Gallus gallus	04530	Haematopus moquini	01130	Hydranassa tricolor
20140	Garrodia nereis	04500	Haematopus ostralegus	00520	Hydrobates pelagicus
14030	Garrulax affinis	04510	Haematopus palliatus	00522	Hydrobates pelagicus melitensis
13850	Garrulax albogularis	17020	Haematospiza sipahi	00521	Hydrobates pelagicus pelagicus
13960	Garrulax caerulatus	32280	Halcyon badia	04470	Hydrophasianus chirurgus
13970	Garrulax canorus	32300	Halcyon chelicuti	27090	Hydropsalis brasiliensis
13920	Garrulax cineraceus	08260	Halcyon coromanda	24500	Hylia prasina
13900	Garrulax davidi	08290	Halcyon leucocephala	32470	Hylia flavigaster
14010	Garrulax elliotii	32310	Halcyon malimbica	32480	Hylia violacea
14040	Garrulax erythrocephalus	08300	Halcyon myakoensis	08060	Hylocharis leucotis
14050	Garrulax formosus	08280	Halcyon pileata	08050	Hylocharis xantusii
14020	Garrulax henrici	32320	Halcyon senegalensis	11750	Hylocichla mustelina
13990	Garrulax lineatus	21800	Halcyon senegaloides	32490	Hypergerus atriceps
13930	Garrulax lunulatus	08270	Halcyon smymensis	10490	Hypocolius ampelinus
13880	Garrulax maesi	02430	Haliaeetus albicilla	10390	Hypsipetes amaurotis
13940	Garrulax maximus	02440	Haliaeetus leucocephalus	10400	Hypsipetes madagascariensis
13950	Garrulax ocellatus	02420	Haliaeetus leucorhynchus	10380	Hypsipetes mclellandii
13860	Garrulax pectoralis	02450	Haliaeetus pelagicus	04540	Ibidorhyncha struthersii
13840	Garrulax perspicillatus	02410	Haliaeetus vocifer	17820	Icteria virens
13980	Garrulax sannio	02400	Haliastur indus	27100	Icterus cayanensis
13870	Garrulax striatus	20160	Halobaena caerulea	19160	Icterus cucullatus
14000	Garrulax subnivalis	00530	Halocrypta microsoma	19150	Icterus dominicensis
13910	Garrulax sukatschewi	32330	Harporhynchus coronatus	19180	Icterus galbula
13890	Garrulax variegatus	32340	Heliolais erythroptera	19130	Icterus graduicauda
15390	Garrulus glandarius	17590	Helmitheros swainsonii	19200	Icterus gularis
15400	Garrulus lanceolatus	17600	Helmitheros vermivorus		

19120	Icterus parisorum	15130	Lanius cristatus	03470	Lerwa lerwa
19210	Icterus pectoralis	15200	Lanius excubitor	27190	Leucopternis schistacea
19190	Icterus pustulatus	15202	Lanius excubitor elegans	16710	Leucosticte arctoa
19170	Icterus spurius	15201	Lanius excubitor excubitor	16700	Leucosticte brandti
19140	Icterus wagleri	15203	Lanius excubitor meridionalis	16690	Leucosticte nemoricola
02360	Ictinia mississippiensis	32880	Lanius excubitoroides	16720	Leucosticte tephrocotis
32500	Illadopsis cleaveri	32890	Lanius gubernator	05140	Limicola falcinellus
32510	Illadopsis fulvescens	15140	Lanius isabellinus	05659	Limicolae
26480	Illadopsis puvellii	15220	Lanius ludovicianus	04200	Limnocolaptes flavirostris
24900	Illadopsis rufescens (= Trichostoma rufescens)	32900	Lanius mackinnoni	05260	Limnodromus griseus
32520	Illadopsis rufipennis	32910	Lanius meridionalis (=15203 L.e.m.)	05270	Limnodromus scolopaceus
32530	Indicator exilis	15190	Lanius minor	05280	Limnodromus semipalmatus
32540	Indicator indicator	15240	Lanius nubicus	05350	Limosa fedoa
32550	Indicator maculatus	15170	Lanius schach	05330	Limosa haemastica
32560	Indicator minor	15230	Lanius senator	05340	Limosa lapponica
32570	Indicator willcocksi	15232	Lanius senator badius	05341	Limosa lapponica lapponica
27110	Inezia inornata	15233	Lanius senator niloticus	05320	Limosa limosa
11170	Irania gutturalis	15231	Lanius senator senator	05322	Limosa limosa islandica
32580	Ispidina lecontei	15249	Lanius sp.	05321	Limosa limosa limosa
32590	Ispidina picta	15210	Lanius sphenocercus	32920	Linurgus olivaceus
03770	Ithaginis cruentus	15180	Lanius tephronotus	14060	Liocichla steerii
01010	Ixobrychus cinnamomeus	15110	Lanius tigrinus	12330	Locustella certhiola
01000	Ixobrychus eurhythmus	15160	Lanius vittatus	12390	Locustella fasciolata
00970	Ixobrychus exilis	05920	Larus argentatus	12370	Locustella fluviatilis
00980	Ixobrychus minutus	05921	Larus argentatus argentatus	12350	Locustella lanceolata
00990	Ixobrychus sinensis	05928	Larus argentatus argenteus	12380	Locustella luscinioides
32600	Ixobrychus sturmii	05925	Larus argentatus atlantis	12360	Locustella naevia
32610	Ixonotus guttatus	05927	Larus argentatus cachinnans	12340	Locustella ochotensis
27120	Jacana jacana	05922	Larus argentatus heuglini	12399	Locustella sp.
04480	Jacana spinosa	05926	Larus argentatus michahellis	32930	Lonchura cantans (=16190 E.c.)
18430	Junco caniceps	26560	Larus argentatus mongolicus	20450	Lonchura maja
18420	Junco hyemalis	26632	Larus argentatus smithsonianus	20290	Lonchura malacca
18440	Junco phaeonotus	05923	Larus argentatus taimyrensis	20292	Lonchura malacca atricapilla
32620	Jynx ruficollis	05924	Larus argentatus vegae	20291	Lonchura malacca malacca
08480	Jynx torquilla	05760	Larus atricilla	20260	Lonchura punctulata
08484	Jynx torquilla chinensis	05880	Larus audouinii	20459	Lonchura sp.
08485	Jynx torquilla himalayana	26300	Larus belcheri	16200	Lonchura striata
08486	Jynx torquilla mauretanicus	05830	Larus brunnecephalus	32940	Lophaetus occipitalis
08483	Jynx torquilla sarudnyi	05930	Larus californicus	03830	Lophophorus impejanus
08481	Jynx torquilla torquilla	05900	Larus canus	03850	Lophophorus lhuysii
08482	Jynx torquilla tschusii	05901	Larus canus canus	03840	Lophophorus sclateri
32630	Kakamega poliothorax	05902	Larus canus heinei	03870	Lophura leucomelana
32640	Kaupifalco monogrammicus	05840	Larus cirrocephalus	16660	Loxia curvirostra
07460	Ketupa blakistoni	05870	Larus crassirostris	16650	Loxia leucoptera
07480	Ketupa flavipes	05890	Larus delawarensis	16680	Loxia pytyopsittacus
07470	Ketupa zeylonensis	20600	Larus dominicanus	16670	Loxia scotica
27130	Knipolegus hudsoni	05910	Larus fuscus	16689	Loxia sp.
16980	Kozlowia roborowskii	05911	Larus fuscus fuscus	09740	Lullula arborea
32650	Kupeornis gilberti	05912	Larus fuscus graellsii	06560	Lunda cirrhata
32660	Lagonosticta larvata	05913	Larus fuscus intermedius	11110	Luscinia brunnea
32670	Lagonosticta rara	05850	Larus genei	11050	Luscinia calliope
32680	Lagonosticta rubricata	05960	Larus glaucescens	11120	Luscinia cyane
32690	Lagonosticta rufopicta	05980	Larus glaucooides	11030	Luscinia luscinia
32700	Lagonosticta sanguinodorsalis	05981	Larus glaucooides glaucooides	11040	Luscinia megarhynchos
16130	Lagonosticta senegala	05982	Larus glaucooides kumlieni	11043	Luscinia megarhynchos africana
03290	Lagopus lagopus	05860	Larus heermanni	11042	Luscinia megarhynchos hafizi
03291	Lagopus lagopus lagopus	05710	Larus hemprichii	11041	Luscinia megarhynchos megarhynchos
03292	Lagopus lagopus scoticus	05990	Larus hyperboreus	11090	Luscinia obscura
03310	Lagopus leucurus	05730	Larus ichthyaetus	11100	Luscinia pectardens
03300	Lagopus mutus	05720	Larus leucophthalmus	11070	Luscinia pectoralis
08110	Lampornis clemenciae	20360	Larus maculipennis	11080	Luscinia ruficeps
32710	Lamprolaima caudatus	06000	Larus marinus	11020	Luscinia sibilans
32720	Lamprolaima chalcurus	05750	Larus melanocephalus	11129	Luscinia sp.
32730	Lamprolaima chalybaeus	05780	Larus minutus	11060	Luscinia svecica
32740	Lamprolaima chloropterus	05940	Larus occidentalis	11062	Luscinia svecica cyanecula
32750	Lamprolaima pulcher	05810	Larus philadelphia	11064	Luscinia svecica magna
32760	Lamprolaima purpureiceps	05770	Larus pipixcan	11063	Luscinia svecica namnetum
32770	Lamprolaima purpureus	05740	Larus relictus	11061	Luscinia svecica svecica
32780	Lamprolaima splendidus	05820	Larus ridibundus	32950	Lybius bidentatus
25600	Laniarius aethiopicus	05790	Larus sabini	26550	Lybius dubius
32790	Laniarius atrococcineus	05800	Larus saundersi	32960	Lybius leucocephalus
32800	Laniarius atroflavus	05950	Larus schistisagus	32970	Lybius vieilloti
32810	Laniarius barbarus	06000	Larus sp.	05180	Lymnocryptes minimus
32820	Laniarius erythrogaster	05970	Larus thayeri	32980	Macheiramphus alcinus
32830	Laniarius fuelleborni	04190	Laterallus jamaicensis	32990	Macrodipteryx longipennis
32840	Laniarius leucorhynchus	27140	Laterallus melanophaius	33000	Macrodipteryx vexillarius
32850	Laniarius luehderi	27150	Lathrotricus euleri	00210	Macronectes giganteus
32860	Laniarius barbarus (=32810 L.b.)	14070	Leiothrix lutea	20110	Macronectes halli
15120	Lanius bucephalus	27160	Lepidocolaptes angustirostris	33010	Macrosphenus flavicans
32870	Lanius collaris	09030	Lepidocolaptes leucogaster	33020	Macrosphenus kempi
15150	Lanius collurio	13180	Leptopoeile elegans	33030	Malaconotus blanchoti
15151	Lanius collurio collurio	13170	Leptopoeile sophiae	33040	Malaconotus cruentus
15153	Lanius collurio isabellinus (= 15140 Lanius isabellinus)	27170	Leptopogon amaurocephalus	33050	Malaconotus gladiator
15152	Lanius collurio phoenicuroides	01350	Leptoptilos crumeniferus	33060	Malaconotus sulfureopecus
		27180	Leptotila rufaxilla	33070	Malimbus erythrogaster
		07000	Leptotila verreauxi	33080	Malimbus ibadanensis

33090	Malimbus malimbicus	11640	Monticola gularis	09380	Myiodynastes luteiventris
25400	Malimbus nitens	11650	Monticola rufiventris	09060	Myiopagis viridica
33100	Malimbus racheliae	11610	Monticola rufocinerea	33430	Myioparus griseigularis
33110	Malimbus rubricollis	11620	Monticola saxatilis	22200	Myioparus plumbeus
33120	Malimbus scutatus	11660	Monticola solitarius	27250	Myiophobus fasciatus
33130	Mandingoa nitidula	16100	Montifringilla adamsi	11670	Myiophoneus caeruleus
25800	Mareca sibilatrix	16060	Montifringilla blanfordi	20390	Myiopsitta monachus
10790	Margarops fuscatus	16080	Montifringilla davidiana	27260	Myiozetetes cayanensis
01950	Marmaronetta angustirostris	16110	Montifringilla nivalis	09390	Myiozetetes similis
33140	Megaceryle maxima	16070	Montifringilla ruficollis	27270	Myrmeciza hemimelaena
12400	Megalurus pryeri	16090	Montifringilla taczanowskii	27280	Myrmeciza hyperythra
21900	Melaenornis edoloides	16050	Montifringilla theresae	11430	Myrmecocichla aethiops
08690	Melanerpes erythrocephalus	33300	Morus capensis	33440	Myrmecocichla albifrons
08700	Melanerpes formicivorus	10230	Motacilla aguimp	33450	Myrmecocichla nigra
22000	Melaniparus leucomelas	10200	Motacilla alba	27290	Myrmoborus leucophrys
02150	Melanitta fusca	10201	Motacilla alba alba	14080	Myzornis pyrhoura
02152	Melanitta fusca deglandi	10204	Motacilla alba dukhunensis	33460	Neafrapus cassini
02151	Melanitta fusca fusca	10203	Motacilla alba personata	02480	Necrosyrtes monachus
02153	Melanitta fusca stejnegeri	10202	Motacilla alba yarrellii	33470	Nectarinia adelberti
02130	Melanitta nigra	10190	Motacilla cinerea	14930	Nectarinia asiatica
02132	Melanitta nigra americana	10192	Motacilla cinerea canariensis	33480	Nectarinia batesi
02131	Melanitta nigra nigra	10191	Motacilla cinerea cinerea	22300	Nectarinia bifasciata
02140	Melanitta perspicillata	10180	Motacilla citreola	33490	Nectarinia bouvieri
09620	Melanocorypha bimaculata	33310	Motacilla clara	33500	Nectarinia chloropygia
09621	Melanocorypha bimaculata bimaculata	10170	Motacilla flava	33510	Nectarinia coccinigeraster
09622	Melanocorypha bimaculata refescens	10178	Motacilla flava beema	33520	Nectarinia cuprea
09610	Melanocorypha calandra	10175	Motacilla flava cinereocapilla	33530	Nectarinia cyanoaema
09650	Melanocorypha leucoptera	10174	Motacilla flava feldegg	33540	Nectarinia fuliginosa
09630	Melanocorypha maxima	10171	Motacilla flava flava	14940	Nectarinia habessinica
09640	Melanocorypha mongolica	10172	Motacilla flava flavissima	33550	Nectarinia johannae
09660	Melanocorypha yeltoniensis	10176	Motacilla flava iberiae	33560	Nectarinia minulla
10810	Melanotis caerulescens	26642	Motacilla flava leucocephala	33570	Nectarinia olivacea (=25200 C.o.)
03990	Meleagris gallopavo	10177	Motacilla flava lutea	33580	Nectarinia oritis
33150	Melichneutes robustus	26643	Motacilla flava similima	14950	Nectarinia osea
33160	Melierax gabar (=02660 M.g.)	10173	Motacilla flava thunbergi	33590	Nectarinia preussi
02650	Melierax metabates	10210	Motacilla grandis	22400	Nectarinia pulchella (= Panaeola pulchella)
33170	Melocichla mentalis	10220	Motacilla maderaspatensis	33600	Nectarinia reichenbachii
18830	Melophus lathamii	10239	Motacilla sp.	33610	Nectarinia rubescens
18350	Melospiza melodia (= Zonotrichia melodia)	13620	Moupinia poecilotis	33620	Nectarinia seimundi
18010	Melozone kieneri	33320	Muscicapa adusta	33630	Nectarinia senegalensis
02200	Mergus albellus	33330	Muscicapa aquatica	33640	Nectarinia superba
02190	Mergus cucullatus	22100	Muscicapa caerulescens	33650	Nectarinia venusta
02230	Mergus merganser	33340	Muscicapa cassini	22310	Nectarinia veronii
02210	Mergus serrator	33350	Muscicapa comitata	33660	Nectarinia verticalis
02239	Mergus sp.	13270	Muscicapa cyanomelana	27900	Neochen jubata
02220	Mergus squamatus	33360	Muscicapa epulata	33670	Neocossyphus finschii
08370	Merops albicollis	13360	Muscicapa gambagae	33680	Neocossyphus fraseri
08400	Merops apiaster	13310	Muscicapa griseisticta	33690	Neocossyphus poensis
33180	Merops breweri	33370	Muscicapa infuscata	33700	Neocossyphus rufus
33190	Merops bulocki	13340	Muscicapa latirostris	27300	Neopelma sulphureiventer
33200	Merops gularis	13330	Muscicapa muttui	02470	Neophron percnopterus
33210	Merops hirundineus	33380	Muscicapa olivascens	04430	Neotis denhami
33220	Merops malimbicus	13320	Muscicapa ruficauda	33710	Neotis nuba
33230	Merops muelleri	13290	Muscicapa rufilata	33720	Nesocharis capistrata
33240	Merops nubicus	33390	Muscicapa sethsmithi	33730	Nesocharis shelleyi
08380	Merops orientalis	13300	Muscicapa sibirica	01960	Netta rufina
08390	Merops persicus/supercilius	13369	Muscicapa sp.	26590	Nettapus auritus
33250	Merops pusillus	13350	Muscicapa striata	01760	Nettapus coromandelianus
33260	Merops variegatus	13352	Muscicapa striata balearica	25300	Nicator chloris
07550	Micrathene whitneyi	13351	Muscicapa striata striata	33740	Nigrita bicolor
02660	Micronisus gabar	13353	Muscicapa striata tyrrenica	33750	Nigrita canicapilla
05150	Micropalama himantopus	33400	Muscicapa tessmanni	33760	Nigrita fusconota
33270	Microparra capensis	13280	Muscicapa thalassina	33770	Nigrita luteifrons
18820	Miliaria calandra	33410	Muscicapa ussheri	33780	Nilaus afer
02380	Milvus migrans	09500	Muscivora forficata	13240	Niltava davidi
02390	Milvus milvus	09490	Muscivora tyrannus	13220	Niltava grandis
02399	Milvus sp.	33420	Musophaga violacea	13230	Niltava sundara
12070	Mimocichla plumbea	10430	Myadestes obscurus	07560	Ninox scutulata
10680	Mimus gundlachi	10420	Myadestes townsendi	01410	Nipponia nippon
10670	Mimus polyglottos	17120	Mycerobas affinis	15570	Nucifraga caryocatactes
27200	Mimus saturninus	17140	Mycerobas carripes	15571	Nucifraga caryocatactes caryocatactes
14130	Minla cyanouroptera	17110	Mycerobas icterioides	15572	Nucifraga caryocatactes macrorhynchos
14150	Minla ignotincta	17130	Mycerobas melanozanthos	15560	Nucifraga columbiana
14140	Minla strigula	01270	Mycteria americana	05420	Numenius americanus
33280	Mirafra africana	01290	Mycteria ibis	05410	Numenius arquata
09520	Mirafra cantillans	01280	Mycteria leucocephala	05370	Numenius borealis
33290	Mirafra rufocinnamomea	09340	Myiarchus cinerascens	05430	Numenius madagascariensis
09260	Mitrephanes phaeocercus	09370	Myiarchus crinitus	05360	Numenius minutus
17200	Mniotilta varia	27230	Myiarchus ferox	05380	Numenius phaeopus
18980	Molothrus aeneus	09330	Myiarchus nuttingi	05439	Numenius sp.
18990	Molothrus ater	09350	Myiarchus stolidus	05390	Numenius tahitiensis
27210	Momotus momota	27240	Myiarchus swainsoni	05400	Numenius tenuirostris
27212	Momotus momota coeruliceps	09320	Myiarchus tuberculifer	03980	Numida meleagris
27211	Momotus momota momota	09360	Myiarchus tyrannulus	07490	Nyctea scandiaca
27220	Monasa nigrifrons	17770	Myioborus miniatulus	01050	Nycticorax caledonicus
11630	Monticola cinclorhyncha	17760	Myioborus pictus	01040	Nycticorax nycticorax

01060	Nycticorax violaceus	02780	Parabuteo unicinctus	20170	Pelecanoides eninatrix
07850	Nyctidromus albigollis	13690	Paradoxornis conspicillatus	00890	Pelecanus crispus
00500	Oceanites oceanicus	13680	Paradoxornis flavirostris	00870	Pelecanus erythrorhynchus
00580	Oceanodroma castro	13730	Paradoxornis fulvifrons	00910	Pelecanus occidentalis
00540	Oceanodroma furcata	13760	Paradoxornis heudei	00880	Pelecanus onocrotalus
00570	Oceanodroma homochroa	13740	Paradoxornis nipalensis	00900	Pelecanus rufescens
00550	Oceanodroma leucorhoa	13660	Paradoxornis paradoxus	00919	Pelecanus sp.
00620	Oceanodroma macrodactyla	13720	Paradoxornis przewalskii	22600	Peliocichla pelios (= 26530 Turdus pelios)
20400	Oceanodroma markhami	13670	Paradoxornis unicolor	33950	Peliperdix albogularis
00610	Oceanodroma matsudairae	13750	Paradoxornis verreauxi	33960	Peliperdix coqui
00600	Oceanodroma melania	13700	Paradoxornis webbianus	33970	Peliperdix lathamii
00560	Oceanodroma monorhis	13710	Paradoxornis zappeyi	03720	Perdica asiatica
00639	Oceanodroma sp.	12250	Parosoma buryi	03680	Perdix dauuricae
00590	Oceanodroma tethys	33920	Paroptila woodhousei	03690	Perdix hodgsoniae
00630	Oceanodroma tristrami	27320	Paroaria gularis	03670	Perdix perdix
00920	Oena capensis	27321	Paroaria gularis gularis	03699	Perdix sp.
11560	Oenanthe alboniger	17320	Parula americana	10270	Pericrocotus cinnamomeus
11450	Oenanthe bottae	17310	Parula pitaiyumi	10290	Pericrocotus divaricatus
11490	Oenanthe deserti	33930	Parus albiventris	10260	Pericrocotus ethologus
11500	Oenanthe finschii	14610	Parus ater	10280	Pericrocotus roseus
33790	Oenanthe heuglini	14611	Parus ater ater	10300	Pericrocotus tegimae
11480	Oenanthe hispanica	14430	Parus atricapillus	15420	Perisoreus canadensis
11481	Oenanthe hispanica hispanica	14510	Parus bicolor	15430	Perisoreus infaustus
11482	Oenanthe hispanica melanoleuca	14650	Parus bokharensis	15440	Perisoreus internigrans
11440	Oenanthe isabellina	14620	Parus caeruleus	02310	Pernis apivorus
11570	Oenanthe leucopyga	14621	Parus caeruleus caeruleus	02320	Pernis ptilorhynchus
11580	Oenanthe leucura	14627	Parus caeruleus degener	16010	Petronia brachydactyla
11540	Oenanthe lugens	14626	Parus caeruleus ombriosus	16030	Petronia dentata
11510	Oenanthe moesta	14624	Parus caeruleus palmensis	16040	Petronia petronia
11550	Oenanthe monacha	14623	Parus caeruleus pleskii	16020	Petronia xanthocollis
11460	Oenanthe oenanthe	14625	Parus caeruleus teneriffae	17810	Peucedramus taeniatus
11462	Oenanthe oenanthe leucorhoa	14622	Parus caeruleus ultramarinus	27330	Phacellodomus ruber
11461	Oenanthe oenanthe oenanthe	14440	Parus carolinensis	00640	Phaethon aethereus
11463	Oenanthe oenanthe seebohmi	14480	Parus cinctus	00660	Phaethon lepturus
11530	Oenanthe picata	14540	Parus cristatus	00650	Phaethon rubricauda
11470	Oenanthe pleschanka	14630	Parus cyanus	10440	Phainopepla nitens
11589	Oenanthe sp.	14550	Parus davidi	00830	Phalacrocorax africanus
11520	Oenanthe xanthopyrma	14530	Parus dichrous	00800	Phalacrocorax aristotelis
33800	Onychognathus fulgidus	14460	Parus gambeli	00801	Phalacrocorax aristotelis aristotelis
33810	Onychognathus morio	14490	Parus hudsonicus	00802	Phalacrocorax aristotelis desmarestii
15750	Onychognathus tristramii	14520	Parus inornatus	20190	Phalacrocorax atriceps
33820	Onychognathus walleri	33940	Parus leucomelas	20191	Phalacrocorax atriceps atriceps
17680	Oporornis agilis	14410	Parus lugubris	20193	Phalacrocorax atriceps georgianus
17670	Oporornis formosus	14640	Parus major	20192	Phalacrocorax atriceps nivalis
17690	Oporornis philadelphia	14642	Parus major excelsus	00780	Phalacrocorax auritus
17700	Oporornis tolmiei	14641	Parus major major	20040	Phalacrocorax capensis
10780	Oreoscoptes montanus	14600	Parus melanolophus	00730	Phalacrocorax capillatus
33830	Oriolus auratus	14420	Parus montanus	00720	Phalacrocorax carbo
33840	Oriolus brachyrhynchus	14422	Parus montanus songarus	00721	Phalacrocorax carbo carbo
15070	Oriolus chinensis	14660	Parus monticolus	00722	Phalacrocorax carbo sinensis
33850	Oriolus nigripennis	14400	Parus palustris	00840	Phalacrocorax niger
15080	Oriolus oriolus	14590	Parus rubidiventris	00810	Phalacrocorax nigrogularis
15060	Oriolus traillii	14500	Parus rufescens	00790	Phalacrocorax olivaceus
18160	Oriturus superciliosus	14580	Parus rufonuchalis	00750	Phalacrocorax pelagicus
03220	Ortalis vetula	14450	Parus sclateri	00770	Phalacrocorax penicillatus
33860	Ortygospiza atricollis	14669	Parus sp.	00740	Phalacrocorax perspicillatus
33870	Ortyxelos meiffrenii	14390	Parus superciliosus	00820	Phalacrocorax pygmaeus
27310	Oryzoborus angolensis	14570	Parus varius	00849	Phalacrocorax sp.
04460	Otis tarda	14560	Parus venustus	00760	Phalacrocorax urile
07410	Otus asio	14470	Parus wollweberi	07840	Phalaenoptilus nuttallii
07360	Otus bakkamoena	15900	Passer ammodendri	05650	Phalaropus fulicaria
07380	Otus Brucei	15910	Passer domesticus	05640	Phalaropus lobatus
07400	Otus flammeolus	15911	Passer domesticus domesticus	05630	Phalaropus tricolor
27830	Otus insularis	15913	Passer domesticus indicus	03940	Phasianus colchicus
33880	Otus leucotis	15912	Passer domesticus italiae	03950	Phasianus versicolor
07390	Otus scops	16000	Passer euclhorus	18850	Pheucticus chrysopleplus
33890	Otus senegalensis	20050	Passer griseus	18870	Pheucticus ludovicianus
07370	Otus sunia	15920	Passer hispaniolensis	18860	Pheucticus melanocephalus
07420	Otus trichopsis	15921	Passer hispaniolensis hispaniolensis	05170	Philomachus pugnax
02240	Oxyura dominica	15922	Passer hispaniolensis maltae	03440	Philotyx fasciatus
02250	Oxyura jamaicensis	15960	Passer iagoensis	20100	Phoebetria palpebrata
02260	Oxyura leucocephala	15990	Passer luteus	20230	Phoenicopterus chilensis
33900	Pachycoccyx audeberti	15950	Passer moabiticus	01480	Phoenicopterus minor
33910	Pachyphantus superciliosus	15980	Passer montanus	01470	Phoenicopterus ruber
26700	Pachyptila belcheri	22500	Passer motitensis	01472	Phoenicopterus ruber roseus
20320	Pachyptila desolata	15930	Passer pyrhoneotus	01471	Phoenicopterus ruber ruber
27740	Pachyptila turtur	15940	Passer rutilans	33980	Phoeniculus bollei
27742	Pachyptila turtur subantarctica	15970	Passer simplex	33990	Phoeniculus castaneiceps
27741	Pachyptila turtur turtur	16009	Passer sp.	34000	Phoeniculus purpureus
09040	Pachyramphus aglaiae	18930	Passerina amoena	11190	Phoenicurus alaschanicus
25900	Paecilionetta bahamensis (= 01900 Anas bahamensis)	18950	Passerina ciris	11260	Phoenicurus aureoreus
20060	Pagodroma nivea	18920	Passerina cyanea	11200	Phoenicurus caeruleocephalus
06040	Pagophila eburnea	18960	Passerina leclancherii	11280	Phoenicurus erythrogaster
03010	Pandion haliaetus	18940	Passerina versicolor	11180	Phoenicurus erythronotus
13640	Panurus biarmicus	00510	Pelagodroma marina	11240	Phoenicurus frontalis
		20180	Pelecanoides georgicus	11230	Phoenicurus hodgsoni

11270	Phoenicurus moussieri	06370	Pinguinus impennis	13210	Polioptila caerulea
11210	Phoenicurus ochruros	16990	Pinicola enucleator	27360	Polioptila dumicola
11213	Phoenicurus ochruros aterrimus	18000	Pipilo aberti	27361	Polioptila dumicola dumicola
11212	Phoenicurus ochruros gibraltarensis	17970	Pipilo chlorurus	13190	Polioptila melanura
11211	Phoenicurus ochruros ochruros	17980	Pipilo erythrophthalmus	13200	Polioptila nigriceps
11220	Phoenicurus phoenicurus	17990	Pipilo fuscus	34450	Polyboroides typus
11221	Phoenicurus phoenicurus phoenicurus	27350	Pipra fasciicauda	03020	Polyborus plancus
11222	Phoenicurus phoenicurus samamiscus	17840	Platalea bidentata	02090	Polysticta stelleri
11250	Phoenicurus schisticeps	17890	Piranga erythrocephala	13560	Pomatorhinus erythrogenys
11289	Phoenicurus sp.	17850	Piranga flava	13570	Pomatorhinus ruficollis
34010	Pholidornis rushiae	17870	Piranga ludoviciana	18250	Poocetes gramineus
34020	Phyllanthus atripennis	17880	Piranga olivacea	04270	Porphyrio porphyrio
23700	Phyllastrephus albigularis	17860	Piranga rubra	04272	Porphyrio porphyrio madagascariensis
34030	Phyllastrephus baumanni	09400	Pitangus sulphuratus	04271	Porphyrio porphyrio porphyrio
34040	Phyllastrephus icterinus	34120	Pitta angolensis	04250	Porphyryla alleni
34050	Phyllastrephus poensis	09510	Pitta brachyura	20150	Porphyryla flavirostris
34060	Phyllastrephus poliocephalus	01460	Platalea ajaja	04260	Porphyryla martinica
34070	Phyllastrephus xavieri	34130	Platalea alba	04160	Porzana bicolor
34080	Phyllolais pulchella	01440	Platalea leucorodia	04090	Porzana carolina
13060	Phylloscopus affinis	01450	Platalea minor	04130	Porzana cinerea
13020	Phylloscopus amandii	34140	Platysteira blissetti	04140	Porzana fusca
13070	Phylloscopus bonelli	34150	Platysteira castanea	04120	Porzana marginalis
13071	Phylloscopus bonelli bonelli	34160	Platysteira concreta	04100	Porzana parva
13072	Phylloscopus bonelli orientalis	22700	Platysteira cyanea	04150	Porzana paykullii
12950	Phylloscopus borealis	18500	Plectrophenax nivalis	04080	Porzana porzana
12830	Phylloscopus cantator	18502	Plectrophenax nivalis insulae	04110	Porzana pusilla
13110	Phylloscopus collybita	18501	Plectrophenax nivalis nivalis	04169	Porzana sp.
13114	Phylloscopus collybita abietinus	01740	Plectropterus gambensis	12300	Prinia atrogularis
13116	Phylloscopus collybita brehmiiDELETED	01370	Plegadis chihi	12290	Prinia criniger
13117	Phylloscopus collybita canariensis	01360	Plegadis falcinellus	34460	Prinia fluvialis
13111	Phylloscopus collybita collybita	22800	Plocepasser mahali	12270	Prinia gracilis
13112	Phylloscopus collybita fulvescens	34170	Plocepasser superciliosus	12280	Prinia inornata
13115	Phylloscopus collybita ibericus	34180	Ploceus albinucha	34470	Prinia subflava
13113	Phylloscopus collybita tristis	34190	Ploceus aurantius	34480	Prionops caniceps
12860	Phylloscopus coronatus	34200	Ploceus baglafecht	26490	Prionops plumatus
12840	Phylloscopus davisoni	34210	Ploceus bannermani	27800	Procellaria aequinoctialis
13040	Phylloscopus fulgiventis	34220	Ploceus bicolor	27790	Procellaria cinera
13030	Phylloscopus fuscatus	26410	Ploceus capitalis	27810	Procellaria parkinsoni
13050	Phylloscopus griseolus	26400	Ploceus castaneiceps	27820	Procellaria westlandica
34090	Phylloscopus herberti	20030	Ploceus cucullatus	34490	Prodotiscus insignis
12890	Phylloscopus ijimae	16120	Ploceus galbula	34500	Prodotiscus regulus
13000	Phylloscopus inornatus	34230	Ploceus heuglini	09870	Progne chalybea
13002	Phylloscopus inornatus humei	34240	Ploceus insignis	09880	Progne dominicensis
13001	Phylloscopus inornatus inornatus	26420	Ploceus intermedius	09890	Progne subis
12970	Phylloscopus maculipennis	34250	Ploceus luteolus	17000	Propyrrhula subhimachala
12940	Phylloscopus magnirostris	20410	Ploceus melanocephalus	17610	Protonotaria citrea
13090	Phylloscopus neglectus	34260	Ploceus nigricollis	10900	Prunella atrogularis
12910	Phylloscopus nitidus	34270	Ploceus ocularis	10940	Prunella collaris
12870	Phylloscopus occipitalis	34280	Ploceus pelzelni	10890	Prunella fagani
12920	Phylloscopus plumbeitarsus	34290	Ploceus tricolor	10870	Prunella fulvescens
12980	Phylloscopus proregulus	34300	Ploceus vitellinus	10930	Prunella himalayana
12981	Phylloscopus proregulus proregulus	04850	Pluvialis apricaria	10820	Prunella immaculata
12960	Phylloscopus pulcher	04852	Pluvialis apricaria altifrons	10910	Prunella koslowi
12850	Phylloscopus reguloides	04851	Pluvialis apricaria apricaria	10840	Prunella modularis
12820	Phylloscopus ricketti	04840	Pluvialis dominica	10860	Prunella montanella
13010	Phylloscopus schwarzi	04841	Pluvialis dominica dominica	10880	Prunella ocularis
13080	Phylloscopus sibilatrix	04842	Pluvialis dominica fulva	10920	Prunella rubeculoides
13100	Phylloscopus sindianus	04860	Pluvialis squatarola	10830	Prunella rubida
13129	Phylloscopus sp.	04630	Pluvianus aegyptius	10949	Prunella sp.
12990	Phylloscopus subviridis	13580	Pnoepyga albiventer	10850	Prunella strophiatea
12880	Phylloscopus tenellipes	13590	Pnoepyga pusilla	34510	Psalidoprocne fuliginosa
12930	Phylloscopus trochiloides	34310	Podica senegalensis	34520	Psalidoprocne holomelas
13120	Phylloscopus trochilus	00110	Podiceps auritus	34530	Psalidoprocne nitens
13122	Phylloscopus trochilus acredula	00090	Podiceps cristatus	34540	Psalidoprocne obscura
13121	Phylloscopus trochilus trochilus	00100	Podiceps grisegena	14310	Psaltriparus minimus
13123	Phylloscopus trochilus yakutensis	00120	Podiceps nigricollis	34550	Pseudhirundo griseopyga
12900	Phylloscopus tyleri	00129	Podiceps sp.	34560	Pseudoalcippe abyssinica
12810	Phylloscopus umbrovirens	00060	Podilymbus podiceps	27370	Pseudocolopteryx sclateri
15500	Pica nuttalli	15520	Podoces biddulphi	15550	Pseudopodoces humilis
15490	Pica pica	15510	Podoces hendersoni	07130	Psittacula derbiana
15493	Pica pica mauritanica	15530	Podoces panderi	26610	Psittacula eupatria
15492	Pica pica melanotos	15540	Podoces pleskei	07140	Psittacula himalayana
15491	Pica pica pica	34320	Poeyoptera lugubris	07120	Psittacula krameri
34100	Picathartes oreas	20440	Poephila guttata	34570	Psittacus erithacus
27340	Picumnus albosquamatus	34330	Pogoniulus atrofasciatus	34580	Pternistis achantensis
08490	Picumnus innominatus	34340	Pogoniulus bilineatus	34590	Pternistis bicalcaratus
08580	Picus awokera	34350	Pogoniulus chrysoconus	34600	Pternistis clappertoni
08550	Picus canus	34360	Pogoniulus coryphaeus	34610	Pternistis squamatus
08530	Picus chlorolophus	34370	Pogoniulus pusillus	06620	Pterocles alchata
08540	Picus flavinucha	34380	Pogoniulus scolopaceus	06580	Pterocles coronatus
08590	Picus squamatus	34390	Pogoniulus subsulphureus	06600	Pterocles exustus
08570	Picus vaillantii	34400	Poicephalus guilelmi	06570	Pterocles lichtensteini
08560	Picus viridis	34410	Poicephalus robustus	06610	Pterocles orientalis
08562	Picus viridis sharpei	34420	Poicephalus senegalus	34620	Pterocles quadricinctus
08561	Picus viridis viridis	34430	Polemaetus bellicosus	06590	Pterocles senegallus
34110	Pinarocorys erythropygia	34440	Poliolais lopezi	00240	Pterodroma aminjoniana

20120	Pterodroma brevirostris	04570	Recurvirostra americana	17580	Seiurus motacilla
20490	Pterodroma cahow	04560	Recurvirostra avosetta	17570	Seiurus noveboracensis
00310	Pterodroma cookii	13130	Regulus calendula	08210	Selasphorus platycercus
00290	Pterodroma hasitata	13150	Regulus ignicapillus	08220	Selasphorus rufus
00300	Pterodroma hypoleuca	13153	Regulus ignicapillus balearicus	08230	Selasphorus sasin
20330	Pterodroma incerta	13151	Regulus ignicapillus ignicapillus	34850	Serinus burtoni
00270	Pterodroma inexpectata	13152	Regulus ignicapillus teneriffaeDELETED	16420	Serinus canaria
00330	Pterodroma leucoptera	13140	Regulus regulus	16440	Serinus citrinella
00320	Pterodroma longirostris	13141	Regulus regulus regulus	16441	Serinus citrinella citrinella
00260	Pterodroma mollis	13142	Regulus regulus teneriffae	16442	Serinus citrinella corsicana
00262	Pterodroma mollis feae	13160	Regulus satrapa	34860	Serinus gularis
00263	Pterodroma mollis madeira	13169	Regulus sp.	34870	Serinus leucopygius
00261	Pterodroma mollis mollis	14900	Remiz pendulinus	16460	Serinus menachensis
00250	Pterodroma neglecta	14902	Remiz pendulinus coronatus	34880	Serinus mozambicus
00280	Pterodroma solandri	14903	Remiz pendulinus macronyx	16390	Serinus pusillus
34630	Pteronetta hartlaubii	14901	Remiz pendulinus pendulinus	16450	Serinus rothschildi
14100	Pteruthius flaviscapis	34710	Rhaphidura sabinii	16400	Serinus serinus
14110	Pteruthius xanthochloris	34720	Rhinopomastus aterrimus	16410	Serinus syriacus
10450	Ptilionys cinereus	34730	Rhinoptilus chalcopterus	16430	Serinus thibetanus
34640	Ptilopachus petrosus	13520	Rhipidura albicollis	27430	Serophaga munda
34650	Ptilostomus afer	13510	Rhipidura hypoxantha	17550	Setophaga ruticilla
06480	Ptychoramphus aleuticus	20280	Rhodopechys githaginea (=16760	34890	Sheppardia cyornithopsis
09900	Ptyonoprogne fuligula		Bucanetes githagineus)	11320	Sialia currucoides
09910	Ptyonoprogne rupestris	16730	Rhodopechys sanguinea	11330	Sialia mexicana
03820	Pucrasia macrolopha	15100	Rhodophoneus cruentus	11340	Sialia sialis
00480	Puffinus assimilis	16740	Rhodospiza obsoleta	14720	Sitta canadensis
00481	Puffinus assimilis assimilis	06010	Rhodostethia rosea	14760	Sitta carolinensis
00485	Puffinus assimilis bannermani	18900	Rhodotraupis celaeno	14780	Sitta castanea
00482	Puffinus assimilis baroli	12320	Rhopophilus pekinensis	14790	Sitta europaea
00483	Puffinus assimilis boydi	11290	Rhyacomis fuliginosus	14792	Sitta europaea asiatica
00484	Puffinus assimilis persicus	07090	Rhynchopsitta pachyrhyncha	14793	Sitta europaea caesia
00470	Puffinus auricularis	07100	Rhynchopsitta terrisi	14791	Sitta europaea europaea
00420	Puffinus bulleri	16470	Rhynchostruthus socotranus	14770	Sitta himalayensis
00380	Puffinus carneipes	99999	Ring destroyed or lost	14690	Sitta krueperi
00390	Puffinus creatopus	34740	Riparia cincta	14710	Sitta ledanti
00400	Puffinus gravis	09800	Riparia paludicola	14750	Sitta leucopsis
00430	Puffinus griseus	09810	Riparia riparia	14810	Sitta neumayer
00490	Puffinus lherminieri	06030	Rissa brevirostris	14740	Sitta pusilla
00450	Puffinus nativitatis	06020	Rissa tridactyla	14730	Sitta pygmaea
00410	Puffinus pacificus	04490	Rostratula benghalensis	14800	Sitta tephronota
00460	Puffinus puffinus	02370	Rostrhamus sociabilis	14680	Sitta villosa
00463	Puffinus puffinus mauretanicus	06330	Rynchops flavirostris	14700	Sitta whiteheadi
00461	Puffinus puffinus puffinus	06320	Rynchops nigra	14670	Sitta yunnanensis
00462	Puffinus puffinus yelkouan	34750	Sagittarius serpentarius	27440	Sittasomus griseicapillus
00499	Puffinus sp.	10570	Salpinctes mexicanus	34900	Smithornis capensis
00440	Puffinus tenuirostris	10560	Salpinctes obsoletus	34910	Smithornis rufolateralis
10370	Pycnonotus barbatus	34760	Salpornis spilonotus	34920	Smithornis sharpei
10350	Pycnonotus leucogenys	27390	Saltator maximus	02080	Somateria fischeri
10340	Pycnonotus sinensis	08600	Sapheopipo noguchii	02060	Somateria mollissima
10360	Pycnonotus xanthopygos	34770	Sarkidiornis melanotos	02063	Somateria mollissima borealis
10330	Pycnonotus xanthorrhous	34780	Sarothrura boehmi	02062	Somateria mollissima faeroeensis
20200	Pygoscelis adeliae	34790	Sarothrura elegans	02061	Somateria mollissima mollissima
20210	Pygoscelis antarctica	34800	Sarothrura pulchra	02064	Somateria mollissima nigrum
20220	Pygoscelis papua	34810	Sarothrura rufa	02089	Somateria sp.
34660	Pyrenestes ostrinus	27400	Satrapa icterophrys	02070	Somateria spectabilis
09120	Pyrocephalus rubinus	07300	Saurothera merlini	24995	Species not accepted
15580	Pyrrhocorax graculus	11410	Saxicola caprata	00000	Species unknown
15590	Pyrrhocorax pyrrhocorax	11380	Saxicola dacotiae	13600	Spelaornis troglodytoides
17030	Pyrrhoplectes epauletta	11420	Saxicola ferrea	34930	Spermestes bicolor
17070	Pyrrhula aurantiaca	11400	Saxicola insignis	34940	Spermestes cucullatus
17090	Pyrrhula erythaca	11360	Saxicola macrorhyncha	34950	Spermestes fringilloides
17080	Pyrrhula erythrocephala	11370	Saxicola rubetra	25500	Spermophaga haematina
17060	Pyrrhula nipalensis	11429	Saxicola sp.	08730	Sphyrapicus nuchalis
17100	Pyrrhula pyrrhula	11390	Saxicola torquata	08740	Sphyrapicus ruber
17104	Pyrrhula pyrrhula cineracea	11395	Saxicola torquata hibernans	08750	Sphyrapicus thyroideus
17102	Pyrrhula pyrrhula europaea	11394	Saxicola torquata maura	08720	Sphyrapicus varius
17105	Pyrrhula pyrrhula murina	11393	Saxicola torquata rubicola	34960	Spiloptila clamans
17103	Pyrrhula pyrrhula pileata	11392	Saxicola torquata stejnegeri	02580	Spilornis cheela
17101	Pyrrhula pyrrhula pyrrhula	11391	Saxicola torquata torquata	17900	Spindalis zena
26000	Pyrrhura orcesi	11600	Saxicoloides fulicata	18840	Spiza americana
34670	Pyrrhurus scandens	09100	Sayornis nigricans	34970	Spizaetus africanus
34680	Pytilia hypogrammica	09090	Sayornis phoebe	03000	Spizaetus nipalensis
34690	Pytilia melba	09110	Sayornis saya	18170	Spizella arborea
34700	Pytilia phoenicoptera	06990	Scardafella squammata	18230	Spizella atrogularis
20240	Quelea quelea	27410	Schiffornis turdinus	18200	Spizella breweri
19040	Quiscalus major	27420	Schistochlamys melanopis	18190	Spizella pallida
19020	Quiscalus mexicanus	34820	Schoenicola brevirostris	18180	Spizella passerina
19030	Quiscalus palustris	05310	Scolopax minor	18210	Spizella pusilla
19050	Quiscalus quiscula	05300	Scolopax mira	18220	Spizella wortheni
04030	Rallina eurizonoides	05290	Scolopax rusticola	10310	Spizixos canifrons
04070	Rallus aquaticus	01260	Scopus umbretta	10320	Spizixos semitorques
04050	Rallus elegans	12310	Scotocerca inquieta	27450	Sporophila caerulescens
04060	Rallus limicola	34830	Scotopelia bouvieri	27460	Sporophila collaris
04040	Rallus longirostris	34840	Scotopelia peli	27470	Sporophila leucoptera
27380	Ramphocelus carbo	12780	Seiurus burkii	27472	Sporophila leucoptera bicolor
09600	Ramphocoris clotbey	17560	Seiurus auropallidus	27471	Sporophila leucoptera leucoptera

27480	Sporophila ruficollis	07500	Surnia ulula	13550	Terpsiphone atrocaudata
18040	Sporophila torqueola	12770	Sylvia atricapilla	13540	Terpsiphone paradisi
34980	Sporopipes frontalis	12771	Sylvia atricapilla atricapilla	23000	Terpsiphone rufiventer
13610	Stachyris ruficeps	12772	Sylvia atricapilla heineken	35140	Terpsiphone rufocinerea
09820	Stelgidopteryx ruficollis	12760	Sylvia borin	13530	Terpsiphone viridis
08190	Stellula calliope	12650	Sylvia cantillans	12120	Tesia castaneocoronata
05680	Stercorarius longicaudus	12653	Sylvia cantillans albistrata	03330	Tetrao mlokosiewiczii
05700	Stercorarius maccornicki	12651	Sylvia cantillans cantillans	03340	Tetrao parvirostris
05670	Stercorarius parasiticus	12652	Sylvia cantillans moltoni	03320	Tetrao tetrix
05660	Stercorarius pomarinus	12750	Sylvia communis	03350	Tetrao urogallus
05690	Stercorarius skua	12640	Sylvia conspicillata	03540	Tetraogallus altaicus
05693	Stercorarius skua antarcticus	12740	Sylvia curruca	03510	Tetraogallus caspius
05692	Stercorarius skua loennbergi	12742	Sylvia curruca blythi	03500	Tetraogallus caucasicus
05691	Stercorarius skua skua	12741	Sylvia curruca curruca	03520	Tetraogallus himalayensis
05709	Stercorarius sp.	12743	Sylvia curruca halimodendri	03530	Tetraogallus tibetanus
06240	Sterna albigrons	12744	Sylvia curruca minula	03480	Tetraophasis obscurus
06170	Sterna aleutica	12630	Sylvia deserticola	03490	Tetraophasis szechenyii
06220	Sterna anaethetus	12720	Sylvia hortensis	04420	Tetrax tetrax
34990	Sterna balaenarum	12723	Sylvia hortensis balchanica	20020	Thalassoica antarctica
06090	Sterna bengalensis	12722	Sylvia hortensis crassirostris	35150	Thalassornis leucocotus
06080	Sterna bergii	12721	Sylvia hortensis hortensis	35160	Thamnolaea cinnamomeiventris
06060	Sterna caspia	12724	Sylvia hortensis jerdoni	35170	Thamnolaea coronata
06140	Sterna dougallii	12710	Sylvia leucomelaena	27540	Thamnophilus doliatus
06120	Sterna elegans	12670	Sylvia melanocephala	27541	Thamnophilus doliatus doliatus
06180	Sterna forsteri	12672	Sylvia melanocephala leucogastra	27550	Thamnophilus punctatus
06230	Sterna fuscata	12671	Sylvia melanocephala melanocephala	27560	Thamnophilus schistaceus
20350	Sterna hirundinacea	12680	Sylvia melanothorax	35180	Thescelocichla leucopleura
06150	Sterna hirundo	12682	Sylvia melanothorax cypria	27570	Thlypopsis sordida
06210	Sterna lunata	12681	Sylvia melanothorax melanothorax	27580	Thraupis palmarum
06070	Sterna maxima	26580	Sylvia minula	27590	Thraupis sayaca
06160	Sterna paradisaea	12660	Sylvia mystacea	01420	Threskiomis aethiopicus
06200	Sterna repressa	12700	Sylvia nana	01430	Threskiomis melanocephalus
06110	Sterna sandvicensis	12730	Sylvia nisoria	10600	Thryomanes bewickii
06250	Sterna saundersi	12690	Sylvia rueppelli	10610	Thryothorus felix
06259	Sterna sp.	12610	Sylvia sarda	27600	Thryothorus gibbaris
06130	Sterna sumatrana	12612	Sylvia sarda balearica	27610	Thryothorus guarayanus
06190	Sterna trudeaui	12611	Sylvia sarda sarda	10630	Thryothorus ludovicianus
20700	Sterna vittata	12779	Sylvia sp.	10620	Thryothorus maculipectus
06100	Sterna zimmermanni	12620	Sylvia undata	10640	Thryothorus sinaloa
24200	Stiphornis erythrothorax	22900	Sylvietta brachyura	18030	Tiaris bicolor
06910	Streptopelia chinensis	35030	Sylvietta denti	18020	Tiaris canora
06840	Streptopelia decaocto	24400	Sylvietta virens	14820	Tichodroma muraria
35000	Streptopelia decipiens	14380	Sylviparus modestus	35190	Tigriornis leucolophus
35010	Streptopelia hypopyrrha	27490	Synallaxis albescens	09050	Tityra semifasciata
06880	Streptopelia lugens	27500	Synallaxis gujanensis	35200	Tockus camurus
06890	Streptopelia orientalis	27510	Synallaxis hyospodia	35210	Tockus erythrorhynchus
06830	Streptopelia roseogrisea	06450	Synthliboramphus antiquus	35220	Tockus fasciatus
06850	Streptopelia semitorquata	06460	Synthliboramphus wumizusume	35230	Tockus hartlaubi
06900	Streptopelia senegalensis	03930	Syrmaticus reevesii	08470	Tockus nasutus
06902	Streptopelia senegalensis phoenicophila	03920	Syrmaticus soemmerringii	27620	Todirostrum latirostre
06901	Streptopelia senegalensis senegalensis	06630	Syrnhaptis paradoxus	27630	Tolmomyias sulphurescens
06919	Streptopelia sp.	06640	Syrnhaptis tibetanus	02540	Torgos tracheliotes
06860	Streptopelia tranquebarica	00080	Tachybaptus dominicus	10710	Toxostoma bendirei
06870	Streptopelia turtur	00070	Tachybaptus ruficollis	10720	Toxostoma cinereum
26510	Streptopelia vinacea	09840	Tachycineta albilinea	10740	Toxostoma curvirostre
07719	Strigidae	09830	Tachycineta bicolor	10760	Toxostoma dorsale
07610	Strix aluco	09860	Tachycineta cyaneoviridis	10750	Toxostoma lecontei
07620	Strix butleri	09850	Tachycineta thalassina	10700	Toxostoma longirostre
07600	Strix leptogrammica	35040	Tachymartus aequatorialis	10730	Toxostoma ocellatum
07660	Strix nebulosa	26660	Tadorna cana	10770	Toxostoma redivivum
07640	Strix occidentalis	01720	Tadorna cristata	10690	Toxostoma rufum
07669	Strix sp.	01710	Tadorna ferruginea	35240	Trachyphonus margaritatus
07650	Strix uralensis	26650	Tadorna radjah	35250	Trachyphonus purpuratus
07630	Strix varia	01730	Tadorna tadorna	03800	Tragopan blythii
35020	Strix woodfordii	26670	Tadorna tadornoides	03780	Tragopan melanocephalus
00010	Struthio camelus	26680	Tadorna variegata	03790	Tragopan satyra
19070	Stumella magna	27520	Tapera naevia	03810	Tragopan temminckii
19060	Stumella neglecta	27530	Taraba major	35260	Treron calva
15850	Sturnus cineraceus	11140	Tarsiger chrysaeus	07060	Treron formosae
15770	Sturnus pagodarum	11130	Tarsiger cyanurus	07050	Treron sieboldii
15800	Sturnus philippensis	11160	Tarsiger hyperythrus	07040	Treron sphenura
15840	Sturnus roseus	11150	Tarsiger indicus	07030	Treron waalia
15780	Sturnus sericeus	35050	Tauraco leucolophus	25000	Trichastoma moloneyanum iboensis
15810	Sturnus sinensis	35060	Tauraco macrohynchus	(taxonomic origin unknown)	
15859	Sturnus sp.	35070	Tauraco persa	35270	Tricholaema hirsuta
15790	Sturnus sturninus	35080	Tchagra australis	35280	Trigonoceps occipitalis
15830	Sturnus unicolor	35090	Tchagra minuta	05450	Tringa erythropus
15820	Sturnus vulgaris	15090	Tchagra senegala	05510	Tringa flavipes
00710	Sula bassana	24800	Tchitrea rufiventer (= 23000 Terpsiphone rufiventer)	05540	Tringa glareola
00712	Sula bassana capensis			05490	Tringa guttifer
20500	Sula capensis (= 00712 Sula bassana capensis)	35100	Telacanthura melanopygia	05500	Tringa melanoleuca
00680	Sula dactylatra	35110	Telacanthura ussheri	05480	Tringa nebularia
00700	Sula leucogaster	35120	Telophorus multicolor	05530	Tringa ochropus
00690	Sula nebouxii	35130	Telophorus sulfureopectus	05520	Tringa solitaria
00670	Sula sula	10240	Tephrodomis pondicerianus	05470	Tringa stagnatilis
		02570	Terathopus ecaudatus	05460	Tringa totanus

05462	Tringa totanus robusta	08464	Upupa epops major	18380	Zonotrichia querula
05461	Tringa totanus totanus	08468	Upupa epops marginata	35550	Zoothera crossleyi
23100	Trochocercus cyanomelas	08465	Upupa epops senegalensis	11700	Zoothera dauma
35290	Trochocercus nitens	08466	Upupa epops waibeli	11690	Zoothera dixoni
10650	Troglodytes aedon	16140	Uraeginthus bengalus	11680	Zoothera mollissima
10660	Troglodytes troglodytes	17040	Uragus sibiricus	11720	Zoothera naevia
08250	Trogon elegans	06340	Uria aalge	11730	Zoothera pinicola
27640	Trogon melanurus	06350	Uria lomvia	35560	Zoothera princei
08240	Trogon mexicanus	06359	Uria sp.	11710	Zoothera sibirica
35300	Tropicranus albocristatus	15460	Urocissa erythrorhyncha	15040	Zosterops abyssinica
05160	Tryngites subruficollis	15450	Urocissa flavirostris	15020	Zosterops erythropleura
13770	Turdoides altirostris	35380	Urocolius macrourus	15030	Zosterops japonica
13780	Turdoides caudatus	17050	Urocynchramus pylzowi	15010	Zosterops palpebrosa
13800	Turdoides fulvus	35390	Urolais epichlora	35570	Zosterops senegalensis
35310	Turdoides plebejus	35400	Urotriorchis macrourus	15049	Zosterops sp.
35320	Turdoides reinwardtii	26470	Vanellus albiceps		
13790	Turdoides squamiceps	35410	Vanellus crassirostris		
12060	Turdus albicollis	35420	Vanellus lugubris		
11850	Turdus albocinctus	35430	Vanellus senegallus		
27650	Turdus amaurochalinus	35440	Vanellus superciliosus		
11840	Turdus cardis	35450	Vanellus tectus		
11910	Turdus celaeonops	04930	Vanellus vanellus		
11900	Turdus chrysolaus	27670	Veniliornis passerinus		
11920	Turdus feae	17210	Vermivora bachmanii		
12050	Turdus grayi	17250	Vermivora celata		
27660	Turdus hauwelli	17220	Vermivora chrysoptera		
11930	Turdus hortulorum	17280	Vermivora crissalis		
12010	Turdus iliacus	17290	Vermivora luciae		
12012	Turdus iliacus coburni	17240	Vermivora peregrina		
12011	Turdus iliacus iliacus	17230	Vermivora pinus		
11890	Turdus kessleri	17260	Vermivora ruficapilla		
11820	Turdus menachensis	17300	Vermivora superciliosa		
11870	Turdus merula	17270	Vermivora virginiae		
11872	Turdus merula cabreriae	35460	Vidua chalybeata		
11871	Turdus merula merula	35470	Vidua funerea		
12030	Turdus migratorius	35480	Vidua interjecta		
11990	Turdus mupinensis	35490	Vidua larvaticola		
11960	Turdus naumanni	26430	Vidua macroura		
11962	Turdus naumanni eunomus	35500	Vidua maryae		
11961	Turdus naumanni naumanni	35510	Vidua nigeriae		
11950	Turdus obscurus	35520	Vidua paradisaea		
11940	Turdus pallidus	35530	Vidua raricola		
26530	Turdus pelios	35540	Vidua wilsoni		
12000	Turdus philomelos	16340	Vireo altiloquus		
12002	Turdus philomelos clarkei	16210	Vireo atricapillus		
12001	Turdus philomelos philomelos	16250	Vireo bellii		
11980	Turdus pilaris	16240	Vireo crassirostris		
11880	Turdus rubrocanus	16280	Vireo flavifrons		
11970	Turdus ruficollis	16320	Vireo flavoviridis		
11972	Turdus ruficollis atrogularis	16350	Vireo gilvus		
11971	Turdus ruficollis ruficollis	16230	Vireo griseus		
12040	Turdus rufopalliatus	16290	Vireo huttoni		
12069	Turdus sp.	16300	Vireo hypochryseus		
11860	Turdus torquatus	16330	Vireo olivaceus		
11862	Turdus torquatus alpestris	16220	Vireo pallens		
11861	Turdus torquatus torquatus	16310	Vireo philadelphicus		
11830	Turdus unicolor	16270	Vireo solitarius		
12020	Turdus viscivorus	16260	Vireo vicinior		
35330	Tumix nana	18050	Volatinia jacarina		
04020	Tumix suscitator	17730	Wilsonia canadensis		
04000	Tumix sylvatica	17710	Wilsonia citrina		
04010	Tumix tanki	17720	Wilsonia pusilla		
35340	Turtur abyssinicus	19110	Xanthocephalus xanthocephalus		
20010	Turtur afer	27680	Xenops tenuirostris		
35350	Turtur brehmeri	09250	Xenotriccus mexicanus		
35360	Turtur tympanistria	05550	Xenus cinereus		
23300	Tympanistria tympanistria	09020	Xiphorhynchus flavigaster		
03360	Tympanuchus cupido	27690	Xiphorhynchus guttatus		
03370	Tympanuchus phasianellus	27691	Xiphorhynchus guttatus guttatus		
09470	Tyrannus caudifasciatus	27700	Xiphorhynchus picus		
09440	Tyrannus couchii	27710	Xolmis velata		
09430	Tyrannus crassirostris	14280	Yuhina diademata		
09460	Tyrannus cubensis	14270	Yuhina gularis		
09450	Tyrannus dominicensis	14300	Yuhina nigrimenta		
09480	Tyrannus tyrannus	14290	Yuhina occipitalis		
09420	Tyrannus verticalis	06970	Zenaida asiatica		
09410	Tyrannus vociferans	06960	Zenaida aurita		
07350	Tyto alba	06950	Zenaida macroura		
07351	Tyto alba alba	18400	Zonotrichia albicollis		
07352	Tyto alba guttata	18410	Zonotrichia atricapilla		
35370	Upupa africana (= 08467 U.e.a.)	18370	Zonotrichia georgiana		
08460	Upupa epops	18340	Zonotrichia iliaca		
08467	Upupa epops africana	18341	Zonotrichia iliaca iliaca		
08462	Upupa epops ceylonensis	18390	Zonotrichia leucophrys		
08461	Upupa epops epops	18360	Zonotrichia lincolni		
08463	Upupa epops longirostris	18350	Zonotrichia melodia (= Melospiza melodia)		

Species in order of EURING-code:

000000	Species unknown	000000	Species unknown	006600	Phaethon lepturus
24995	Species not accepted	000010	Struthio camelus	006700	Sula sula
24997	Cage & exotic birds	000020	Gavia stellata	006800	Sula dactylatra
24998	Hybrids & intermediates	000030	Gavia arctica	006900	Sula nebovixii
99999	Ring destroyed or lost	000040	Gavia immer	007000	Sula leucogaster
		000050	Gavia adamsii	007100	Sula bassana
		000059	Gavia sp.	007120	Sula bassana capensis
000059	Gavia sp.	000060	Podilymbus podiceps	007200	Phalacrocorax carbo
000129	Podiceps sp.	000070	Tachybaptus ruficollis	007220	Phalacrocorax carbo carbo
000499	Puffinus sp.	000080	Tachybaptus dominicus	007222	Phalacrocorax carbo sinensis
000639	Oceanodroma sp.	000090	Podiceps cristatus	007300	Phalacrocorax capillatus
000849	Phalacrocorax sp.	000100	Podiceps grisegena	007400	Phalacrocorax perspicillatus
000919	Pelecanus sp.	000110	Podiceps auritus	007500	Phalacrocorax pelagicus
01219	Egretta sp.	000120	Podiceps nigricollis	007600	Phalacrocorax urile
01259	Ardea sp.	000129	Podiceps sp.	007700	Phalacrocorax penicillatus
01349	Ciconia sp.	000130	Aechmophorus occidentalis	007800	Phalacrocorax auritus
01559	Cygnus sp.	000140	Diomedea melanophris	007900	Phalacrocorax olivaceus
01659	Anser spp.	000150	Diomedea chlororhynchos	008000	Phalacrocorax aristotelis
01699	Branta sp.	000160	Diomedea cauta	008010	Phalacrocorax aristotelis aristotelis
01949	Anas sp.	000170	Diomedea nigripes	008020	Phalacrocorax aristotelis
02059	Aythya sp.	000180	Diomedea immutabilis	desmarestii	
02089	Somateria sp.	000190	Diomedea albatrus	008100	Phalacrocorax nigrogularis
02239	Mergus sp.	000200	Diomedea exulans	008200	Phalacrocorax pygmeus
02399	Milvus sp.	000210	Macronectes giganteus	008300	Phalacrocorax africanus
02649	Circus sp.	000220	Fulmarus glacialis	008400	Phalacrocorax niger
02749	Accipiter sp.	000221	Fulmarus glacialis glacialis	008490	Phalacrocorax sp.
02919	Buteo spp.	000230	Daption capense	008500	Anhinga anhinga
02979	Aquila sp.	000240	Pterodroma arminjoniana	008600	Anhinga melanogaster
03219	Falco sp.	000250	Pterodroma neglecta	008700	Pelecanus erythrorhynchos
03699	Perdix sp.	000260	Pterodroma mollis	008800	Pelecanus onocrotalus
04169	Porzana sp.	000261	Pterodroma mollis mollis	008900	Pelecanus crispus
04409	Grus sp.	000262	Pterodroma mollis feae	009000	Pelecanus rufescens
04689	Clareola sp.	000263	Pterodroma mollis madeira	009100	Pelecanus occidentalis
04839	Charadrius sp.	000270	Pterodroma inexpectata	009190	Pelecanus sp.
05129	Calidris spp.	000280	Pterodroma solandri	009200	Fregata minor
05439	Numenius sp.	000290	Pterodroma hasitata	009300	Fregata magnificens
05659	Limicolae	000300	Pterodroma hypoleuca	009400	Fregata ariel
05709	Stercorarius sp.	000310	Pterodroma cookii	009500	Botaurus stellaris
06009	Larus sp.	000320	Pterodroma longirostris	009600	Botaurus lentiginosus
06259	Sterna sp.	000330	Pterodroma leucoptera	009700	Ixobrychus exilis
06289	Chlidonias sp.	000340	Bulweria bulwerii	009800	Ixobrychus minutus
06359	Uria sp.	000350	Bulweria fallax	009900	Ixobrychus sinensis
06409	Cephus spp.	000360	Calonectris diomedea	010000	Ixobrychus eurhythmus
06429	Brachyramphus sp.	000370	Calonectris leucomelas	010100	Ixobrychus cinnamomeus
06829	Columba sp.	000380	Puffinus carneipes	010200	Ardeirallus sturmii
06919	Streptopelia sp.	000390	Puffinus creatopus	010300	Gorsachius goisagi
07669	Strix sp.	000400	Puffinus gravis	010400	Nycticorax nycticorax
07719	Strigidae	000410	Puffinus pacificus	010500	Nycticorax caledonicus
07839	Caprimulgus spp.	000420	Puffinus bulleri	010600	Nycticorax violaceus
08009	Apus spp.	000430	Puffinus griseus	010700	Butorides striatus
08979	Dendrocopos sp.	000440	Puffinus tenuirostris	010800	Ardeola ralloides
09739	Galerida sp.	000450	Puffinus nativitatis	010900	Ardeola grayii
09799	Alauda sp.	000460	Puffinus puffinus	011000	Ardeola bacchus
10019	Hirundinidae	000461	Puffinus puffinus puffinus	011100	Bubulcus ibis
10159	Anthus spp.	000462	Puffinus puffinus yelkouan	011200	Hydranassa caerulea
10239	Motacilla sp.	000463	Puffinus puffinus mauretanicus	011300	Hydranassa tricolor
10949	Prunella sp.	000470	Puffinus auricularis	011400	Hydranassa rufescens
11129	Luscinia sp.	000480	Puffinus assimilis	011500	Egretta thula
11289	Phoenicurus sp.	000481	Puffinus assimilis assimilis	011600	Egretta eulophotes
11429	Saxicola sp.	000482	Puffinus assimilis baroli	011700	Egretta sacra
11589	Oenanthe sp.	000483	Puffinus assimilis boydi	011800	Egretta gularis
12069	Turdus sp.	000484	Puffinus assimilis persicus	011810	Egretta gularis gularis
12399	Locustella sp.	000485	Puffinus assimilis bannermani	011820	Egretta gularis schistacea
12549	Acrocephalus sp.	000490	Puffinus lherminieri	011900	Egretta garzetta
12609	Hippolais sp.	000499	Puffinus sp.	012000	Egretta intermedia
12779	Sylvia sp.	000500	Oceanites oceanicus	012100	Egretta alba
13129	Phylloscopus sp.	000510	Pelagodroma marina	012190	Egretta sp.
13169	Regulus sp.	000520	Hydrobates pelagicus	012200	Ardea cinerea
13369	Muscicapa sp.	000521	Hydrobates pelagicus pelagicus	012300	Ardea herodias
14669	Parus sp.	000522	Hydrobates pelagicus melitensis	012400	Ardea purpurea
15049	Zosterops sp.	000530	Halocyptena microsoma	012500	Ardea goliath
15249	Lanius sp.	000540	Oceanodroma furcata	012590	Ardea sp.
15749	Corvus sp.	000550	Oceanodroma leucorhoa	012600	Scopus umbretta
15859	Stumus sp.	000560	Oceanodroma monorhis	012700	Mycteria americana
16009	Passer sp.	000570	Oceanodroma homochroa	012800	Mycteria leucocephala
16389	Fringilla sp.	000580	Oceanodroma castro	012900	Mycteria ibis
16649	Carduelis spp.	000590	Oceanodroma tethys	013000	Anastomus oscitans
16689	Loxia sp.	000600	Oceanodroma melania	013100	Ciconia nigra
18819	Emberiza sp.	000610	Oceanodroma matsudairae	013200	Ciconia abdimii
20439	Estrilda sp.	000620	Oceanodroma macrodactyla	013300	Ciconia episcopus
20459	Lonchura sp.	000630	Oceanodroma tristrami	013400	Ciconia ciconia
99999	Ring destroyed or lost	000639	Oceanodroma sp.	013490	Ciconia sp.
		000640	Phaethon aethereus	013500	Leptoptilos crumeniferus
		000650	Phaethon rubricauda	013600	Plegadis falcinellus

Ø137Ø	Plegadis chihi	Ø196Ø	Netta rufina	Ø268Ø	Accipiter virgatus
Ø138Ø	Eudocimus albus	Ø197Ø	Aythya valisineria	Ø269Ø	Accipiter nisus
Ø139Ø	Eudocimus ruber	Ø198Ø	Aythya ferina	Ø2692	Accipiter nisus nisosimilis
Ø140Ø	Geroniticus eremita	Ø199Ø	Aythya americana	Ø270Ø	Accipiter striatus
Ø141Ø	Nipponia nippon	Ø200Ø	Aythya collaris	Ø271Ø	Accipiter soloeensis
Ø142Ø	Threskiornis aethiopicus	Ø201Ø	Aythya baeri	Ø272Ø	Accipiter badius
Ø143Ø	Threskiornis melanocephalus	Ø202Ø	Aythya nyroca	Ø273Ø	Accipiter brevipes
Ø144Ø	Platalea leucorodia	Ø203Ø	Aythya fuligula	Ø274Ø	Accipiter cooperii
Ø145Ø	Platalea minor	Ø204Ø	Aythya marila	Ø2749	Accipiter sp.
Ø146Ø	Platalea ajaja	Ø205Ø	Aythya affinis	Ø275Ø	Butastur teesa
Ø147Ø	Phoenicopterus ruber	Ø2059	Aythya sp.	Ø276Ø	Butastur indicus
Ø1471	Phoenicopterus ruber ruber	Ø206Ø	Somateria mollissima	Ø277Ø	Buteogallus anthracinus
Ø1472	Phoenicopterus ruber roseus	Ø2061	Somateria mollissima mollissima	Ø278Ø	Parabuteo unicinctus
Ø148Ø	Phoenicopterus minor	Ø2062	Somateria mollissima faeroensis	Ø279Ø	Buteo nitidus
Ø149Ø	Dendrocygna bicolor	Ø2063	Somateria mollissima borealis	Ø280Ø	Buteo platypterus
Ø150Ø	Dendrocygna arborea	Ø2064	Somateria mollissima nigrum	Ø281Ø	Buteo lineatus
Ø151Ø	Dendrocygna autumnalis	Ø207Ø	Somateria spectabilis	Ø282Ø	Buteo swainsonii
Ø152Ø	Cygnus olor	Ø208Ø	Somateria fischeri	Ø283Ø	Buteo brachyurus
Ø153Ø	Cygnus columbianus	Ø2089	Somateria sp.	Ø284Ø	Buteo albicaudatus
Ø1531	Cygnus columbianus columbianus	Ø209Ø	Polysticta stelleri	Ø285Ø	Buteo albonotatus
Ø1532	Cygnus columbianus bewickii	Ø210Ø	Camptorhynchus labradorius	Ø286Ø	Buteo jamaicensis
Ø154Ø	Cygnus cygnus	Ø211Ø	Histrionicus histrionicus	Ø287Ø	Buteo buteo
Ø155Ø	Cygnus buccinator	Ø212Ø	Clangula hyemalis	Ø2871	Falco buteo buteo
Ø1559	Cygnus sp.	Ø213Ø	Melanitta nigra	Ø2872	Buteo buteo vulpinus
Ø156Ø	Anser cygnoides	Ø2131	Melanitta nigra nigra	Ø2873	Buteo buteo insularum
Ø157Ø	Anser fabalis	Ø2132	Melanitta nigra americana	Ø288Ø	Buteo rufinus
Ø1571	Anser fabalis fabalis	Ø214Ø	Melanitta perspicillata	Ø289Ø	Buteo hemilasius
Ø1572	Anser fabalis jonanseni	Ø215Ø	Melanitta fusca	Ø290Ø	Buteo lagopus
Ø1573	Anser fabalis neglecticus	Ø2151	Melanitta fusca fusca	Ø291Ø	Buteo regalis
Ø1574	Anser fabalis rossicus	Ø2152	Melanitta fusca deglandi	Ø2919	Buteo spp.
Ø158Ø	Anser brachyrhynchus	Ø2153	Melanitta fusca stejnegeri	Ø292Ø	Aquila pomarina
Ø159Ø	Anser albifrons	Ø216Ø	Bucephala albeola	Ø293Ø	Aquila clanga
Ø1591	Anser albifrons albifrons	Ø217Ø	Bucephala islandica	Ø294Ø	Aquila rapax
Ø1592	Anser albifrons flavirostris	Ø218Ø	Bucephala clangula	Ø2941	Aquila rapax rapax
Ø160Ø	Anser erythropus	Ø219Ø	Mergus cucullatus	Ø2942	Aquila rapax nipalensis
Ø161Ø	Anser anser	Ø220Ø	Mergus albellus	Ø295Ø	Aquila heliaca
Ø162Ø	Anser indicus	Ø221Ø	Mergus serrator	Ø2951	Aquila heliaca heliaca
Ø163Ø	Anser caerulescens	Ø222Ø	Mergus squamatus	Ø2952	Aquila heliaca adalberti
Ø1631	Anser caerulescens caerulescens	Ø223Ø	Mergus merganser	Ø296Ø	Aquila chrysaetos
Ø1632	Anser caerulescens atlanticus	Ø2239	Mergus sp.	Ø297Ø	Aquila verreauxii
Ø164Ø	Anser rossii	Ø224Ø	Oxyura dominica	Ø2979	Aquila sp.
Ø165Ø	Anser canagicus	Ø225Ø	Oxyura jamaicensis	Ø298Ø	Hieraaetus pennatus
Ø1659	Anser spp.	Ø226Ø	Oxyura leucocephala	Ø299Ø	Hieraaetus fasciatus
Ø166Ø	Branta canadensis	Ø227Ø	Cathartes aura	Ø300Ø	Spizaetus nipalensis
Ø1661	Branta canadensis canadensis	Ø228Ø	Coragyps atratus	Ø301Ø	Pandion haliaetus
Ø1662	Branta canadensis occidentalis	Ø229Ø	Gymnogyps californianus	Ø302Ø	Polyborus plancus
Ø1663	Branta canadensis parvipes	Ø230Ø	Chondrohierax uncinatus	Ø303Ø	Falco naumanni
Ø1664	Branta canadensis hutchinsii	Ø231Ø	Pernis apivorus	Ø304Ø	Falco tinnunculus
Ø1665	Branta canadensis asiatica	Ø232Ø	Pernis ptilorhynchus	Ø305Ø	Falco sparverius
Ø167Ø	Branta leucopsis	Ø233Ø	Elaenoides forficatus	Ø306Ø	Falco chicquera
Ø168Ø	Branta bernicla	Ø234Ø	Elanus leucurus	Ø307Ø	Falco vespertinus
Ø1681	Branta bernicla bernicla	Ø235Ø	Elanus caerulescens	Ø308Ø	Falco amurensis
Ø1682	Branta bernicla hrota	Ø236Ø	Ictinia mississippiensis	Ø309Ø	Falco columbarius
Ø1683	Branta bernicla nigricans	Ø237Ø	Rostrhamus sociabilis	Ø3092	Falco columbarius subaeson
Ø169Ø	Branta ruficollis	Ø238Ø	Milvus migrans	Ø310Ø	Falco subbuteo
Ø1699	Branta sp.	Ø239Ø	Milvus milvus	Ø311Ø	Falco eleonorae
Ø170Ø	Alopochen aegyptiacus	Ø2399	Milvus sp.	Ø312Ø	Falco concolor
Ø171Ø	Tadorna ferruginea	Ø240Ø	Haliaastur indus	Ø313Ø	Falco femoralis
Ø172Ø	Tadorna cristata	Ø241Ø	Haliaeetus vocifer	Ø314Ø	Falco biarmicus
Ø173Ø	Tadorna tadorna	Ø242Ø	Haliaeetus leucoryphus	Ø315Ø	Falco jagger
Ø174Ø	Plectropterus gambensis	Ø243Ø	Haliaeetus albicilla	Ø316Ø	Falco cherrug
Ø175Ø	Cairina moschata	Ø244Ø	Haliaeetus leucocephalus	Ø317Ø	Falco altaicus
Ø176Ø	Nettapus coromandelianus	Ø245Ø	Haliaeetus pelagicus	Ø318Ø	Falco rusticolus
Ø177Ø	Aix sponsa	Ø246Ø	Gypaetus barbatus	Ø319Ø	Falco mexicanus
Ø178Ø	Aix galericulata	Ø247Ø	Neophron percnopterus	Ø320Ø	Falco peregrinus
Ø179Ø	Anas penelope	Ø248Ø	Necrosyrtes monachus	Ø3201	Falco peregrinus peregrinus
Ø180Ø	Anas americana	Ø249Ø	Gyps bengalensis	Ø3202	Falco peregrinus brookei
Ø181Ø	Anas falcata	Ø250Ø	Gyps indicus	Ø321Ø	Falco pelegrinoides
Ø182Ø	Anas strepera	Ø251Ø	Gyps fulvus	Ø3219	Falco sp.
Ø183Ø	Anas formosa	Ø252Ø	Gyps himalayensis	Ø322Ø	Ortalis vetula
Ø184Ø	Anas crecca	Ø253Ø	Gyps rueppellii	Ø323Ø	Dendragapus falcipennis
Ø1841	Anas crecca crecca	Ø254Ø	Torgos tracheliotus	Ø324Ø	Dendragapus canadensis
Ø1842	Anas crecca carolinensis	Ø255Ø	Aegypius monachus	Ø325Ø	Dendragapus obscurus
Ø1843	Anas crecca nimia	Ø256Ø	Circaetus gallicus	Ø326Ø	Bonasa bonasia
Ø185Ø	Anas capensis	Ø257Ø	Terathopus ecaudatus	Ø327Ø	Bonasa sewerzowi
Ø186Ø	Anas platyrhynchos	Ø258Ø	Spilornis cheela	Ø328Ø	Bonasa umbellus
Ø187Ø	Anas rubripes	Ø259Ø	Geranospiza caerulescens	Ø329Ø	Lagopus lagopus
Ø188Ø	Anas poecilorhyncha	Ø260Ø	Circus aeruginosus	Ø3291	Lagopus lagopus lagopus
Ø189Ø	Anas acuta	Ø261Ø	Circus cyaneus	Ø3292	Lagopus lagopus scoticus
Ø190Ø	Anas bahamensis	Ø262Ø	Circus macrourus	Ø330Ø	Lagopus mutus
Ø191Ø	Anas querquedula	Ø263Ø	Circus pygargus	Ø331Ø	Lagopus leucurus
Ø192Ø	Anas discors	Ø264Ø	Circus melanoleucus	Ø332Ø	Tetrao tetrix
Ø193Ø	Anas cyanoptera	Ø2649	Circus sp.	Ø333Ø	Tetrao mlkosiewiczzi
Ø194Ø	Anas clypeata	Ø265Ø	Melierax metabates	Ø334Ø	Tetrao parvirostris
Ø1949	Anas sp.	Ø266Ø	Micronisus gabar	Ø335Ø	Tetrao urogallus
Ø195Ø	Marmaronetta angustirostris	Ø267Ø	Accipiter gentilis	Ø336Ø	Tympanuchus cupido

03370	Tympanuchus phasianellus	04210	Crex crex	04860	Pluvialis squatarola
03380	Centrocercus urophasianus	04220	Amaurornis akool	04870	Hoplopterus spinosus
03390	Callipepla picta	04230	Amaurornis phoenicurus	04880	Hoplopterus tectus
03400	Callipepla squamata	04240	Gallinula chloropus	04890	Hoplopterus cinereus
03410	Callipepla californica	04250	Porphyryla alleni	04900	Hoplopterus indicus
03420	Callipepla gambelii	04260	Porphyryla martinica	04910	Chettusia gregaria
03430	Callipepla douglasii	04270	Porphyrio porphyrio	04920	Chettusia leucura
03440	Philortyx fasciatus	04271	Porphyrio porphyrio porphyrio	04930	Vanellus vanellus
03450	Colinus virginianus	04272	Porphyrio porphyrio	04940	Aphriza virgata
03460	Cyrtonyx montezumae		madagascariensis	04950	Calidris tenuirostris
03470	Lerwa lerwa	04280	Gallixrex cinerea	04960	Calidris canutus
03480	Tetraophasis obscurus	04290	Fulica atra	04961	Calidris canutus canutus
03490	Tetraophasis szechenyi	04300	Fulica americana	04962	Calidris canutus islandicus
03500	Tetraogallus caucasicus	04310	Fulica cristata	04970	Calidris alba
03510	Tetraogallus caspius	04320	Aramus guarauna	04980	Calidris pusilla
03520	Tetraogallus himalayensis	04330	Grus grus	04990	Calidris mauri
03530	Tetraogallus tibetanus	04340	Grus nigricollis	05000	Calidris ruficollis
03540	Tetraogallus altaicus	04350	Grus monacha	05010	Calidris minuta
03550	Alectoris chukar	04360	Grus canadensis	05020	Calidris temminckii
03560	Alectoris magna	04370	Grus vipio	05030	Calidris subminuta
03570	Alectoris graeca	04380	Grus japonensis	05040	Calidris minutilla
03580	Alectoris rufa	04390	Grus americana	05050	Calidris fuscicollis
03590	Alectoris barbara	04400	Grus leucogeranus	05060	Calidris bairdii
03600	Alectoris philbyi	04409	Grus sp.	05070	Calidris melanotos
03610	Alectoris melanocephala	04410	Anthropoides virgo	05080	Calidris acuminata
03620	Ammoperdix griseogularis	04420	Tetrax tetrax	05090	Calidris ferruginea
03630	Ammoperdix heyi	04430	Neotis denhami	05100	Calidris maritima
03640	Francolinus francolinus	04440	Chlamydotis undulata	05110	Calidris ptilocnemis
03650	Francolinus pondicerianus	04441	Chlamydotis undulata undulata	05120	Calidris alpina
03660	Francolinus bicalcaratus	04442	Chlamydotis undulata macqueenii	05121	Calidris alpina alpina
03670	Perdix perdix	04443	Chlamydotis undulata	05122	Calidris alpina arctica
03680	Perdix dauuricae		fuertaventurae	05123	Calidris alpina schinzii
03690	Perdix hodgsoniae	04450	Ardeotis arabs	05128	Calidris alpina schinzii / arctica
03699	Perdix sp.	04460	Otis tarda	05129	Calidris spp.
03700	Coturnix coturnix	04470	Hydrophasianus chirurgus	05130	Eurynorhynchus pygmeus
03710	Coturnix japonica	04480	Jacana spinosa	05140	Limicola falcinellus
03720	Perdicula asiatica	04490	Rostratula benghalensis	05150	Micropalama himantopus
03730	Arborophila torquoeola	04500	Haematopus ostralegus	05160	Tryngites subruficollis
03740	Arborophila rufogularis	04510	Haematopus palliatus	05170	Philomachus pugnax
03750	Arborophila rufipectus	04520	Haematopus bachmani	05180	Lymnocyrtus minimus
03760	Bambusicola thoracica	04530	Haematopus moquini	05190	Gallinago gallinago
03770	Ithaginis cruentus	04540	Ibidorhyncha struthersii	05200	Gallinago media
03780	Tragopan melanocephalus	04550	Himantopus himantopus	05210	Gallinago stenura
03790	Tragopan satyra	04560	Recurvirostra avosetta	05220	Gallinago megalis
03800	Tragopan blythii	04570	Recurvirostra americana	05230	Gallinago hardwickii
03810	Tragopan temminckii	04580	Dromas ardeola	05240	Gallinago solitaria
03820	Pucrasia macrolopha	04590	Burhinus oedicnemus	05250	Gallinago nemoricola
03830	Lophophorus impejanus	04600	Burhinus senegalensis	05260	Limnodromus griseus
03840	Lophophorus sclateri	04610	Burhinus capensis	05270	Limnodromus scolopaceus
03850	Lophophorus lhuysii	04620	Esacus recurvirostris	05280	Limnodromus semipalmatus
03860	Gallus gallus	04630	Pluvianus aegyptius	05290	Scolopax rusticola
03870	Lophura leucomelana	04640	Cursorius cursor	05300	Scolopax mira
03880	Crossoptilon crossoptilon	04650	Glareola pratincola	05310	Scolopax minor
03890	Crossoptilon mantchuricum	04660	Glareola maldivarum	05320	Limosa limosa
03900	Crossoptilon auritum	04670	Glareola nordmanni	05321	Limosa limosa limosa
03910	Catreus wallichii	04680	Glareola lactea	05322	Limosa limosa islandica
03920	Symyaticus soemmerringii	04689	Glareola sp.	05330	Limosa haemastica
03930	Symyaticus reevesii	04690	Charadrius dubius	05340	Limosa lapponica
03940	Phasianus colchicus	04700	Charadrius hiaticula	05341	Limosa lapponica lapponica
03950	Phasianus versicolor	04701	Charadrius hiaticula hiaticula	05350	Limosa fedoa
03960	Chrysolophus pictus	04702	Charadrius hiaticula tundrae	05360	Numenius minutus
03970	Chrysolophus amherstiae	04710	Charadrius semipalmatus	05370	Numenius borealis
03980	Numida meleagris	04720	Charadrius placidus	05380	Numenius phaeopus
03990	Meleagris gallopavo	04730	Charadrius wilsonia	05390	Numenius tahitiensis
04000	Turnix sylvatica	04740	Charadrius vociferus	05400	Numenius tenuirostris
04010	Turnix tanki	04750	Charadrius melodus	05410	Numenius arquata
04020	Turnix suscitator	04760	Charadrius pecuarius	05420	Numenius americanus
04030	Rallina eurizonoides	04770	Charadrius alexandrinus	05430	Numenius madagascariensis
04040	Rallus longirostris	04780	Charadrius mongolus	05439	Numenius sp.
04050	Rallus elegans	04781	Charadrius mongolus mongolus	05440	Bartramia longicauda
04060	Rallus limicola	04782	Charadrius mongolus pamirensis	05450	Tringa erythropus
04070	Rallus aquaticus	04783	Charadrius mongolus atrifrons	05460	Tringa totanus
04080	Porzana porzana	04784	Charadrius mongolus schaeferi	05461	Tringa totanus totanus
04090	Porzana carolina	04785	Charadrius mongolus stegmanni	05462	Tringa totanus robusta
04100	Porzana parva	04790	Charadrius leschenaultii	05470	Tringa stagnatilis
04110	Porzana pusilla	04800	Charadrius asiaticus	05480	Tringa nebularia
04120	Porzana marginalis	04810	Charadrius veredus	05490	Tringa guttifer
04130	Porzana cinerea	04820	Charadrius morinellus	05500	Tringa melanoleuca
04140	Porzana fusca	04830	Charadrius montanus	05510	Tringa flavipes
04150	Porzana paykullii	04839	Charadrius sp.	05520	Tringa solitaria
04160	Porzana bicolor	04840	Pluvialis dominica	05530	Tringa ochropus
04169	Porzana sp.	04841	Pluvialis dominica dominica	05540	Tringa glareola
04170	Coturnicops exquisita	04842	Pluvialis dominica fulva	05550	Xenus cinereus
04180	Coturnicops noveboracensis	04850	Pluvialis apricaria	05560	Actitis hypoleucos
04190	Laterallus jamaicensis	04851	Pluvialis apricaria apricaria	05570	Actitis macularia
04200	Limnocolinus flavirostris	04852	Pluvialis apricaria atrifrons	05580	Heteroscelus brevipes

05590	Heteroscelus incanus	06240	Sterna albifrons	06990	Scardafella squammata
05600	Catoptrophorus semipalmatus	06250	Sterna saundersi	07000	Leptotila verreauxi
05610	Arenaria interpres	06259	Sterna sp.	07010	Geotrygon chrysis
05620	Arenaria melanocephala	06260	Chlidonias hybridus	07020	Geotrygon montana
05630	Phalaropus tricolor	06270	Chlidonias niger	07030	Treron waalia
05640	Phalaropus lobatus	06280	Chlidonias leucopterus	07040	Treron sphenura
05650	Phalaropus fulicaria	06289	Chlidonias sp.	07050	Treron sieboldii
05659	Limicola	06290	Anous tenuirostris	07060	Treron formosae
05660	Stercorarius pomarinus	06300	Anous stolidus	07070	Aratinga holochlora
05670	Stercorarius parasiticus	06310	Gygis alba	07080	Conuropsis carolinensis
05680	Stercorarius longicaudus	06320	Rynchops nigra	07090	Rhynchopsitta pachyrhyncha
05690	Stercorarius skua	06330	Rynchops flavirostris	07100	Rhynchopsitta terrii
05691	Stercorarius skua skua	06340	Uria aalge	07110	Amazona leucocephala
05692	Stercorarius skua loennbergi	06350	Uria lomvia	07120	Psittacula krameri
05693	Stercorarius skua antarcticus	06359	Uria sp.	07130	Psittacula derbiana
05700	Stercorarius maccormicki	06360	Alca torda	07140	Psittacula himalayana
05709	Stercorarius sp.	06370	Pinguinus impennis	07150	Clamator jacobinus
05710	Larus hemprichii	06380	Cephus grylle	07160	Clamator glandarius
05720	Larus leucophthalmus	06390	Cephus columba	07170	Hierococcyx fugax
05730	Larus ichthyaetus	06400	Cephus carbo	07180	Hierococcyx sparverioides
05740	Larus relictus	06409	Cephus spp.	07190	Chrysococcyx maculatus
05750	Larus melanocephalus	06410	Brachyrhamphus marmoratus	07200	Chrysococcyx caprius
05760	Larus atricilla	06420	Brachyrhamphus brevirostris	07210	Chrysococcyx klaas
05770	Larus pipixcan	06429	Brachyrhamphus sp.	07220	Cacomantis merulinus
05780	Larus minutus	06430	Endomychura hypoleuca	07230	Cuculus micropterus
05790	Larus sabini	06440	Endomychura craveri	07240	Cuculus canorus
05800	Larus saundersi	06450	Synthliboramphus antiquus	07250	Cuculus saturatus
05810	Larus philadelphia	06460	Synthliboramphus wumizusume	07260	Cuculus poliocephalus
05820	Larus ridibundus	06470	Alle alle	07270	Coccyzus erythrophthalmus
05830	Larus brunicephalus	06480	Ptychoramphus aleuticus	07280	Coccyzus americanus
05840	Larus cirrocephalus	06490	Aethia cristatella	07290	Coccyzus minor
05850	Larus genei	06500	Aethia pygmaea	07300	Saurothera melini
05860	Larus heermanni	06510	Aethia pusilla	07310	Crotophaga ani
05870	Larus crassirostris	06520	Cyclorhynchus psittacula	07320	Crotophaga sulcirostris
05880	Larus audouinii	06530	Cerorhinca monocerata	07330	Geococcyx californianus
05890	Larus delawarensis	06540	Fratercula arctica	07340	Centropus senegalensis
05900	Larus canus	06550	Fratercula corniculata	07350	Tyto alba
05901	Larus canus canus	06560	Lunda cirrhata	07351	Tyto alba alba
05902	Larus canus heinei	06570	Pterocles lichtensteinii	07352	Tyto alba guttata
05910	Larus fuscus	06580	Pterocles coronatus	07360	Otus bakkamoena
05911	Larus fuscus fuscus	06590	Pterocles senegallus	07370	Otus sunia
05912	Larus fuscus graellsii	06600	Pterocles exustus	07380	Otus brucei
05913	Larus fuscus intermedius	06610	Pterocles orientalis	07390	Otus scops
05920	Larus argentatus	06620	Pterocles alchata	07400	Otus flammeolus
05921	Larus argentatus argentatus	06630	Syrhaptes paradoxus	07410	Otus asio
05922	Larus argentatus heuglini	06640	Syrhaptes tibetanus	07420	Otus trichopsis
05923	Larus argentatus taimyrensis	06650	Columba livia	07430	Bubo virginianus
05924	Larus argentatus vegae	06660	Columba rupestris	07440	Bubo bubo
05925	Larus argentatus atlantis	06670	Columba leuconota	07450	Bubo africanus
05926	Larus argentatus michahellis	06680	Columba oenas	07460	Ketupa blakistoni
05927	Larus argentatus cachinnans	06690	Columba eversmanni	07470	Ketupa zeylonensis
05928	Larus argentatus argenteus	06700	Columba palumbus	07480	Ketupa flavipes
05930	Larus californicus	06710	Columba trocaz	07490	Nyctea scandiaca
05940	Larus occidentalis	06720	Columba bollii	07500	Surnia ulula
05950	Larus schistisagus	06730	Columba junoniae	07510	Glaucidium passerinum
05960	Larus glaucescens	06740	Columba hodgsonii	07520	Glaucidium gnoma
05970	Larus thayeri	06750	Columba pulchricollis	07530	Glaucidium brasilianum
05980	Larus glaucoides	06760	Columba janthina	07540	Glaucidium brodiei
05981	Larus glaucoides glaucoides	06770	Columba versicolor	07550	Micrathene whitneyi
05982	Larus glaucoides kumlieni	06780	Columba jouyi	07560	Ninox scutulata
05990	Larus hyperboreus	06790	Columba leucocephala	07570	Athene noctua
06000	Larus marinus	06800	Columba squamosa	07580	Athene brama
06009	Larus sp.	06810	Columba fasciata	07590	Athene cucularia
06010	Rhodostethia rosea	06820	Columba flavirostris	07600	Strix leptogrammica
06020	Rissa tridactyla	06829	Columba sp.	07610	Strix aluco
06030	Rissa brevirostris	06830	Streptopelia roseogrisea	07620	Strix butleri
06040	Pagophila eburnea	06840	Streptopelia decaocto	07630	Strix varia
06050	Gelochelidon nilotica	06850	Streptopelia semitorquata	07640	Strix occidentalis
06060	Sterna caspia	06860	Streptopelia tranquebarica	07650	Strix uralensis
06070	Sterna maxima	06870	Streptopelia turtur	07660	Strix nebulosa
06080	Sterna bergii	06880	Streptopelia lugens	07669	Strix sp.
06090	Sterna bengalensis	06890	Streptopelia orientalis	07670	Asio otus
06100	Sterna zimmermanni	06900	Streptopelia senegalensis	07680	Asio flammeus
06110	Sterna sandvicensis	06901	Streptopelia senegalensis	07690	Asio capensis
06120	Sterna elegans	senegalensis	senegalensis	07700	Aegolius funereus
06130	Sterna sumatrana	06902	Streptopelia senegalensis	07710	Aegolius acadicus
06140	Sterna dougallii	phoenicophila	phoenicophila	07719	Strigidae
06150	Sterna hirundo	06910	Streptopelia chinensis	07720	Caprimulgus inornatus
06160	Sterna paradisaea	06919	Streptopelia sp.	07730	Caprimulgus nubicus
06170	Sterna aleutica	06920	Oena capensis	07740	Caprimulgus centralasicus
06180	Sterna forsteri	06930	Chalcophaps indica	07750	Caprimulgus maharattensis
06190	Sterna trudeaui	06940	Ectopistes migratorius	07760	Caprimulgus asiaticus
06200	Sterna repressa	06950	Zenaidia macroura	07770	Caprimulgus indicus
06210	Sterna lunata	06960	Zenaidia aurita	07780	Caprimulgus europaeus
06220	Sterna anaethetus	06970	Zenaidia asiatica	07790	Caprimulgus ruficollis
06230	Sterna fuscata	06980	Columbigallina passerina	07800	Caprimulgus eximius

07810	Caprimulgus aegyptius	08510	Colaptes cafer	09330	Myiarchus nuttingi
07820	Caprimulgus carolinensis	08520	Colaptes chrysoides	09340	Myiarchus cinerascens
07830	Caprimulgus vociferus	08530	Picus chlorolophus	09350	Myiarchus stolidus
07839	Caprimulgus spp.	08540	Picus flavinucha	09360	Myiarchus tyrannulus
07840	Phalaenoptilus nuttallii	08550	Picus canus	09370	Myiarchus cinerascens
07850	Nyctidromus albigollis	08560	Picus viridis	09380	Myiodynastes luteiventris
07860	Chordeiles minor	08561	Picus viridis viridis	09390	Myiozetetes similis
07870	Chordeiles acutipennis	08562	Picus viridis sharpei	09400	Pitangus sulphuratus
07880	Cypseloides niger	08570	Picus vaillantii	09410	Tyrannus vociferans
07890	Collocalia brevirostris	08580	Picus awokera	09420	Tyrannus verticalis
07900	Chaetura pelagica	08590	Picus squamatus	09430	Tyrannus crassirostris
07910	Chaetura vauxi	08600	Sapheopipo noguchii	09440	Tyrannus couchii
07920	Hirundapus caudacutus	08610	Dinopium benghalense	09450	Tyrannus dominicensis
07930	Apus alexandri	08620	Dryocopus pileatus	09460	Tyrannus cubensis
07940	Apus unicolor	08630	Dryocopus martius	09470	Tyrannus caudifasciatus
07950	Apus apus	08640	Dryocopus javensis	09480	Tyrannus tyrannus
07960	Apus pallidus	08650	Centurus carolinus	09490	Muscivora tyrannus
07970	Apus pacificus	08660	Centurus aurifrons	09500	Muscivora forficata
07980	Apus melba	08670	Centurus uropygialis	09510	Pitta brachyura
07990	Apus caffer	08680	Centurus superciliosus	09520	Mirafra cantillans
08000	Apus affinis	08690	Melanerpes erythrocephalus	09530	Eremopterix nigriceps
08009	Apus spp.	08700	Melanerpes formicivorus	09540	Eremalauda dunni
08010	Aeronautes saxatilis	08710	Asyndesmus lewis	09550	Ammomanes cincturus
08020	Cypsiurus parvus	08720	Sphyrapicus varius	09560	Ammomanes phoenicurus
08030	Chlorostilbon ricordii	08730	Sphyrapicus nuchalis	09570	Ammomanes deserti
08040	Cyananthus latirostris	08740	Sphyrapicus ruber	09580	Alaemon alaudipes
08050	Hylocharis xantusii	08750	Sphyrapicus thyroideus	09590	Chersophilus duponti
08060	Hylocharis leucotis	08760	Dendrocopos major	09600	Ramphocoris clotbey
08070	Amazilia beryllina	08761	Dendrocopos major major	09610	Melanocorypha calandra
08080	Amazilia yucatanensis	08770	Dendrocopos leucopterus	09620	Melanocorypha bimaculata
08090	Amazilia tzacatl	08780	Dendrocopos syriacus	09621	Melanocorypha bimaculata
08100	Amazilia violiceps	08790	Dendrocopos assimilis	bimaculata	
08110	Lampornis clemenciae	08800	Dendrocopos himalayensis	09622	Melanocorypha bimaculata
08120	Eugenes fulgens	08810	Dendrocopos darjellensis	refescens	
08130	Calliphlox evelynae	08820	Dendrocopos cathpharius	09630	Melanocorypha maxima
08140	Calothorax lucifer	08830	Dendrocopos medius	09640	Melanocorypha mongolica
08150	Archilochus colubris	08840	Dendrocopos leucotos	09650	Melanocorypha leucoptera
08160	Archilochus alexandri	08850	Dendrocopos hyperythrus	09660	Melanocorypha yeltoniensis
08170	Archilochus costae	08860	Dendrocopos auriceps	09670	Calandrella cinerea
08180	Archilochus anna	08870	Dendrocopos minor	09680	Calandrella brachydactyla
08190	Stellula calliope	08880	Dendrocopos canicapillus	09690	Calandrella acutirostris
08200	Atthis heloisa	08890	Dendrocopos kizuki	09700	Calandrella rufescens
08210	Selasphorus platycercus	08900	Dendrocopos dorae	09701	Calandrella rufescens rufescens
08220	Selasphorus rufus	08910	Dendrocopos scalaris	09702	Calandrella rufescens cheleensis
08230	Selasphorus sasin	08920	Dendrocopos nuttallii	09710	Calandrella raytal
08240	Trogon mexicanus	08930	Dendrocopos pubescens	09720	Galerida cristata
08250	Trogon elegans	08940	Dendrocopos borealis	09730	Galerida theklae
08260	Halcyon coromanda	08950	Dendrocopos arizonae	09739	Galerida sp.
08270	Halcyon smymensis	08960	Dendrocopos villosus	09740	Lullula arborea
08280	Halcyon pileata	08970	Dendrocopos albolavatus	09750	Alauda gulgula
08290	Halcyon leucocephala	08979	Dendrocopos sp.	09760	Alauda arvensis
08300	Halcyon miyakoensis	08980	Dendrocopos tridactylus	09770	Alauda razae
08310	Alcedo atthis	08990	Dendrocopos arcticus	09780	Eremophila alpestris
08320	Chloroceryle americana	09000	Campephilus principalis	09790	Eremophila bilopha
08330	Ceryle rudis	09010	Campephilus imperialis	09799	Alauda sp.
08340	Ceryle alcyon	09020	Xiphorhynchus flavigaster	09800	Riparia paludicola
08350	Ceryle torquata	09030	Lepidocolaptes leucogaster	09810	Riparia riparia
08360	Ceryle lugubris	09040	Pachyrhamphus aglaiae	09820	Stelgidopteryx ruficollis
08370	Merops albigollis	09050	Tityra semifasciata	09830	Tachycineta bicolor
08380	Merops orientalis	09060	Myiopagis viridicata	09840	Tachycineta albilinea
08390	Merops persicus/superciliosus	09070	Elaenia martinica	09850	Tachycineta thalassina
08400	Merops apiaster	09080	Camptostoma imberbe	09860	Tachycineta cyaneoviridis
08410	Coracias garrulus	09090	Sayornis phoebe	09870	Progne chalybea
08420	Coracias abyssinicus	09100	Sayornis nigricans	09880	Progne dominicensis
08430	Coracias benghalensis	09110	Sayornis saya	09890	Progne subis
08440	Eurystomus glaucurus	09120	Pyrocephalus rubinus	09900	Ptyonoprogne fulgula
08450	Eurystomus orientalis	09130	Empidonax flaviventris	09910	Ptyonoprogne rupestris
08460	Upupa epops	09140	Empidonax virescens	09920	Hirundo rustica
08461	Upupa epops epops	09150	Empidonax minimus	09930	Hirundo tahitica
08462	Upupa epops ceylonensis	09160	Empidonax hammondi	09940	Hirundo smithii
08463	Upupa epops longirostris	09170	Empidonax oberholseri	09950	Hirundo daurica
08464	Upupa epops major	09180	Empidonax wrightii	09951	Hirundo daurica daurica
08465	Upupa epops senegalensis	09190	Empidonax affinis	09952	Hirundo daurica domicella
08466	Upupa epops waibeli	09200	Empidonax difficilis	09960	Hirundo fluvicola
08467	Upupa epops africana	09210	Empidonax albigularis	09970	Hirundo fulva
08468	Upupa epops marginata	09220	Empidonax traillii	09980	Hirundo pyrrhonota
08470	Tockus nasutus	09230	Empidonax alnorum	09990	Delichon nipalensis
08480	Jynx torquilla	09240	Empidonax fulvifrons	10000	Delichon dasypus
08481	Jynx torquilla torquilla	09250	Xenotriccus mexicanus	10010	Delichon urbica
08482	Jynx torquilla tschusii	09260	Mitrephanes phaeocercus	10019	Hirundinidae
08483	Jynx torquilla sarudnyi	09270	Contopus caribaeus	10020	Anthus richardi
08484	Jynx torquilla chinensis	09280	Contopus pertinax	10030	Anthus sylvanus
08485	Jynx torquilla himalayana	09290	Contopus sordidulus	10040	Anthus godlewskii
08486	Jynx torquilla mauretanicus	09300	Contopus virens	10050	Anthus campestris
08490	Picumnus innominatus	09310	Contopus borealis	10060	Anthus berthelotii
08500	Colaptes auratus	09320	Myiarchus tuberculifer	10070	Anthus similis

10080	Anthus hodgsoni	10700	Toxostoma longirostre	11330	Sialia mexicana
10090	Anthus trivialis	10710	Toxostoma bendirei	11340	Sialia sialis
10100	Anthus gustavi	10720	Toxostoma cinereum	11350	Cercomela melanura
10110	Anthus pratensis	10730	Toxostoma ocellatum	11360	Saxicola macrorhyncha
10120	Anthus cervinus	10740	Toxostoma curvirostre	11370	Saxicola rubetra
10130	Anthus roseatus	10750	Toxostoma lecontei	11380	Saxicola dacotiae
10140	Anthus spinoletta	10760	Toxostoma dorsale	11390	Saxicola torquata
10141	Anthus spinoletta spinoletta	10770	Toxostoma redivivum	11391	Saxicola torquata torquata
10142	Anthus spinoletta petrosus	10780	Oreoscoptes montanus	11392	Saxicola torquata stejnegeri
10143	Anthus spinoletta littoralis	10790	Margarops fuscatus	11393	Saxicola torquata rubicola
10144	Anthus spinoletta rubescens	10800	Dumetella carolinensis	11394	Saxicola torquata maura
10150	Anthus spragueii	10810	Melanotis caerulescens	11395	Saxicola torquata hibernans
10159	Anthus spp.	10820	Prunella immaculata	11400	Saxicola insignis
10160	Dendronanthus indicus	10830	Prunella rubida	11410	Saxicola caprata
10170	Motacilla flava	10840	Prunella modularis	11420	Saxicola ferrea
10171	Motacilla flava flava	10850	Prunella strophata	11429	Saxicola sp.
10172	Motacilla flava flavissima	10860	Prunella montanella	11430	Myrmecocichla aethiops
10173	Motacilla flava thunbergi	10870	Prunella fulvescens	11440	Oenanthe isabellina
10174	Motacilla flava feldegg	10880	Prunella ocularis	11450	Oenanthe oenanthae
10175	Motacilla flava cinereocapilla	10890	Prunella fagani	11460	Oenanthe oenanthe
10176	Motacilla flava iberiae	10900	Prunella atrogularis	11461	Oenanthe oenanthe oenanthe
10177	Motacilla flava lutea	10910	Prunella koslovi	11462	Oenanthe oenanthe leucorhoa
10178	Motacilla flava beema	10920	Prunella rubeculoides	11463	Oenanthe oenanthe seebohmi
10180	Motacilla citreola	10930	Prunella himalayana	11470	Oenanthe pleschanka
10190	Motacilla cinerea	10940	Prunella collaris	11480	Oenanthe hispanica
10191	Motacilla cinerea cinerea	10949	Prunella sp.	11481	Oenanthe hispanica hispanica
10192	Motacilla cinerea canariensis	10950	Cercotrichas galactotes	11482	Oenanthe hispanica melanoleuca
10200	Motacilla alba	10951	Cercotrichas galactotes galactotes	11490	Oenanthe deserti
10201	Motacilla alba alba	10952	Cercotrichas galactotes familiaris	11500	Oenanthe finschii
10202	Motacilla alba yarrellii	10953	Cercotrichas galactotes syriacus	11510	Oenanthe moesta
10203	Motacilla alba personata	10960	Cercotrichas podobe	11520	Oenanthe xanthopyrma
10204	Motacilla alba dukhunensis	10970	Brachypteryx stellata	11530	Oenanthe picata
10210	Motacilla grandis	10980	Brachypteryx montana	11540	Oenanthe lugens
10220	Motacilla maderaspatensis	10990	Erithacus rubecula	11550	Oenanthe monacha
10230	Motacilla aguimp	10991	Erithacus rubecula rubecula	11560	Oenanthe alboniger
10239	Motacilla sp.	10992	Erithacus rubecula superbus	11570	Oenanthe leucopyga
10240	Tephrodornis pondicerianus	11000	Erithacus akahige	11580	Oenanthe leucura
10250	Coracina melaschistos	11010	Erithacus komadori	11589	Oenanthe sp.
10260	Pericrocotus ethologus	11020	Luscinia sibilans	11590	Chaimarrornis leucocephalus
10270	Pericrocotus cinnamomeus	11030	Luscinia luscinia	11600	Saxicoloides fulicata
10280	Pericrocotus roseus	11040	Luscinia megarhynchos	11610	Monticola rufocinerea
10290	Pericrocotus divaricatus	11041	Luscinia megarhynchos	11620	Monticola saxatilis
10300	Pericrocotus tegimae		megarhynchos	11630	Monticola cinclorhyncha
10310	Spizixos canifrons	11042	Luscinia megarhynchos hafizi	11640	Monticola gularis
10320	Spizixos semitorques	11043	Luscinia megarhynchos africana	11650	Monticola rufiventris
10330	Pycnonotus xanthorrhous	11050	Luscinia calliope	11660	Monticola solitarius
10340	Pycnonotus sinensis	11060	Luscinia svecica	11670	Myiophonus caeruleus
10350	Pycnonotus leucogenys	11061	Luscinia svecica svecica	11680	Zoothera mollissima
10360	Pycnonotus xanthopygos	11062	Luscinia svecica cyanecula	11690	Zoothera dixoni
10370	Pycnonotus barbatus	11063	Luscinia svecica namnetum	11700	Zoothera dauma
10380	Hypsipetes mclellandii	11064	Luscinia svecica magna	11710	Zoothera sibirica
10390	Hypsipetes amaurotis	11070	Luscinia pectoralis	11720	Zoothera naevia
10400	Hypsipetes madagascariensis	11080	Luscinia ruficeps	11730	Zoothera pinicola
10410	Chloropsis hardwickii	11090	Luscinia obscura	11740	Cichlpasser terrestris
10420	Myadestes townsendi	11100	Luscinia pectardens	11750	Hylocichla mustelina
10430	Myadestes obscurus	11110	Luscinia brunnea	11760	Catharus guttatus
10440	Phainopepla nitens	11120	Luscinia cyane	11770	Catharus ustulatus
10450	Ptilogonys cinereus	11129	Luscinia sp.	11780	Catharus minimus
10460	Bombycilla cedrorum	11130	Tarsiger cyanurus	11781	Catharus minimus minimus
10470	Bombycilla japonica	11140	Tarsiger chrysaesus	11782	Catharus minimus bicknelli
10480	Bombycilla garrulus	11150	Tarsiger indicus	11790	Catharus fuscescens
10490	Hypocolius ampelinus	11160	Tarsiger hyperythrus	11800	Catharus aurantirostris
10500	Cinclus cinclus	11170	Irania gutturalis	11810	Catharus occidentalis
10501	Cinclus cinclus cinclus	11180	Phoenicurus erythronotus	11820	Turdus menachensis
10502	Cinclus cinclus caucasicus	11190	Phoenicurus alaschanicus	11830	Turdus unicolor
10503	Cinclus cinclus aquaticus	11200	Phoenicurus caeruleocephalus	11840	Turdus cardis
10504	Cinclus cinclus gularis	11210	Phoenicurus ochruros	11850	Turdus albocinctus
10510	Cinclus pallasi	11211	Phoenicurus ochruros ochruros	11860	Turdus torquatus
10520	Cinclus mexicanus	11212	Phoenicurus ochruros gibraltarensis	11861	Turdus torquatus torquatus
10530	Campylorhynchus jocosus	11213	Phoenicurus ochruros aterrimus	11862	Turdus torquatus alpestris
10540	Campylorhynchus gularis	11220	Phoenicurus phoenicurus	11870	Turdus merula
10550	Campylorhynchus brunneicapillus	11221	Phoenicurus phoenicurus	11871	Turdus merula merula
10560	Salpinctes obsoletus		phoenicurus	11872	Turdus merula caberae
10570	Salpinctes mexicanus	11222	Phoenicurus phoenicurus	11880	Turdus rubrocanus
10580	Cistothorus platensis		samamisisus	11890	Turdus kessleri
10590	Cistothorus palustris	11230	Phoenicurus hodgsoni	11900	Turdus chrysolaus
10600	Thryomanes bewickii	11240	Phoenicurus frontalis	11910	Turdus celaenops
10610	Thryothorus felix	11250	Phoenicurus schisticeps	11920	Turdus feae
10620	Thryothorus maculipectus	11260	Phoenicurus aureus	11930	Turdus hortulorum
10630	Thryothorus ludovicianus	11270	Phoenicurus moussieri	11940	Turdus pallidus
10640	Thryothorus sinaloa	11280	Phoenicurus erythrogaster	11950	Turdus obscurus
10650	Troglodytes aedon	11289	Phoenicurus sp.	11960	Turdus naumanni
10660	Troglodytes troglodytes	11290	Rhyacomis fuliginosus	11961	Turdus naumanni naumanni
10670	Mimus polyglottos	11300	Hodgsonius phoenicuroides	11962	Turdus naumanni eunomus
10680	Mimus gundlachi	11310	Grandala coelicolor	11970	Turdus ruficollis
10690	Toxostoma rufum	11320	Sialia currucoides	11971	Turdus ruficollis ruficollis

11972	Turdus ruficollis atrogularis	12600	Hippolais polyglotta	13117	Phylloscopus collybita canariensis
11980	Turdus pilaris	12609	Hippolais sp.	13120	Phylloscopus trochilus
11990	Turdus mupinensis	12610	Sylvia sarda	13121	Phylloscopus trochilus trochilus
12000	Turdus philomelos	12611	Sylvia sarda sarda	13122	Phylloscopus trochilus acredula
12001	Turdus philomelos philomelos	12612	Sylvia sarda balearica	13123	Phylloscopus trochilus yakutensis
12002	Turdus philomelos clarkei	12620	Sylvia undata	13129	Phylloscopus sp.
12010	Turdus iliacus	12630	Sylvia deserticola	13130	Regulus calendula
12011	Turdus iliacus iliacus	12640	Sylvia conspiciolata	13140	Regulus regulus
12012	Turdus iliacus coburni	12650	Sylvia cantillans	13141	Regulus regulus regulus
12020	Turdus viscivorus	12651	Sylvia cantillans cantillans	13142	Regulus regulus teneriffae
12030	Turdus migratorius	12652	Sylvia cantillans moltoni	13150	Regulus ignicapillus
12040	Turdus rufopalliatu	12653	Sylvia cantillans albistrata	13151	Regulus ignicapillus ignicapillus
12050	Turdus grayi	12660	Sylvia mystacea	13152	Regulus ignicapillus
12060	Turdus albicollis	12670	Sylvia melanocephala	teneriffae	DELETED
12069	Turdus sp.	12671	Sylvia melanocephala melanocephala	13153	Regulus ignicapillus balearicus
12070	Mimocichla plumbea	12672	Sylvia melanocephala leucogastra	13160	Regulus satrapa
12080	Enicurus scouleri	12680	Sylvia melanothorax	13169	Regulus sp.
12090	Enicurus schistaceus	12681	Sylvia melanothorax melanothorax	13170	Leptopoeile sophiae
12100	Enicurus leschenaulti	12682	Sylvia melanothorax cypria	13180	Leptopoeile elegans
12110	Enicurus maculatus	12690	Sylvia rueppelli	13190	Polioptila melanura
12120	Tesia castaneocoronata	12700	Sylvia nana	13200	Polioptila nigriceps
12130	Cettia squameiceps	12710	Sylvia leucomelaena	13210	Polioptila caerulea
12140	Cettia diphone	12720	Sylvia hortensis	13220	Niltava grandis
12150	Cettia fortipes	12721	Sylvia hortensis hortensis	13230	Niltava sundara
12160	Cettia major	12722	Sylvia hortensis crassirostris	13240	Niltava davidi
12170	Cettia flavolivacea	12723	Sylvia hortensis balchanica	13250	Cyornis vivida
12180	Cettia acanthizoides	12724	Sylvia hortensis jerdoni	13260	Cyornis rubeculooides
12190	Cettia brunnifrons	12730	Sylvia nisoria	13270	Muscicapa cyanomelana
12200	Cettia cetti	12740	Sylvia curruca	13280	Muscicapa thalassina
12210	Bradypterus thoracicus	12741	Sylvia curruca curruca	13290	Muscicapa rufilata
12220	Bradypterus major	12742	Sylvia curruca blythi	13300	Muscicapa sibirica
12230	Bradypterus taczanowskii	12743	Sylvia curruca halimodendri	13310	Muscicapa griseisticta
12240	Bradypterus luteiventris	12744	Sylvia curruca minula	13320	Muscicapa ruficauda
12250	Parisoma buryi	12750	Sylvia curruca communis	13330	Muscicapa muttui
12260	Cisticola juncidis	12760	Sylvia borin	13340	Muscicapa latirostris
12270	Prinia gracilis	12770	Sylvia atricapilla	13350	Muscicapa striata
12280	Prinia inornata	12771	Sylvia atricapilla atricapilla	13351	Muscicapa striata striata
12290	Prinia criniger	12772	Sylvia atricapilla heineken	13352	Muscicapa striata balearica
12300	Prinia atrogularis	12779	Sylvia sp.	13353	Muscicapa striata tyrenica
12310	Scotocerca inquieta	12780	Seicercus burkii	13360	Muscicapa gambagae
12320	Rhopophilus pekinensis	12790	Abruscoptes albogularis	13369	Muscicapa sp.
12330	Locustella certhiola	12800	Abruscoptes schisticeps	13370	Ficedula sapphira
12340	Locustella ochotensis	12810	Phylloscopus umbrovirens	13380	Ficedula tricolor
12350	Locustella lanceolata	12820	Phylloscopus ricketti	13390	Ficedula supercilii
12360	Locustella naevia	12830	Phylloscopus cantator	13400	Ficedula hodgsonii
12370	Locustella fluviatilis	12840	Phylloscopus davisoni	13410	Ficedula hyperythra
12380	Locustella luscinioides	12850	Phylloscopus reguloides	13420	Ficedula strophata
12390	Locustella fasciolata	12860	Phylloscopus coronatus	13430	Ficedula parva
12399	Locustella sp.	12870	Phylloscopus occipitalis	13431	Ficedula parva parva
12400	Megalurus pryri	12880	Phylloscopus tenellipes	13432	Ficedula parva albicilla
12410	Acrocephalus melanopogon	12890	Phylloscopus ijimae	13440	Ficedula mugimaki
12411	Acrocephalus melanopogon melanopogon	12900	Phylloscopus tytleri	13450	Ficedula zanthopygia
12420	Acrocephalus paludicola	12910	Phylloscopus nitidus	13460	Ficedula narcissina
12430	Acrocephalus schoenobaenus	12920	Phylloscopus plumbeitarsus	13470	Ficedula semitorquata
12440	Acrocephalus sorgophilus	12930	Phylloscopus trochiloides	13480	Ficedula albicollis
12450	Acrocephalus bistrigiceps	12940	Phylloscopus magnirostris	13481	Ficedula albicollis albicollis
12460	Acrocephalus concinens	12950	Phylloscopus borealis	13482	Ficedula albicollis semitorquata
12470	Acrocephalus agricola	12960	Phylloscopus pulcher	13490	Ficedula hypoleuca
12480	Acrocephalus dumetorum	12970	Phylloscopus maculipennis	13491	Ficedula hypoleuca hypoleuca
12490	Acrocephalus brevipennis	12980	Phylloscopus proregulus	13492	Ficedula hypoleuca ibericus
12500	Acrocephalus palustris	12990	Phylloscopus subviridis	13500	Culicicapa ceylonensis
12510	Acrocephalus scirpaceus	13000	Phylloscopus inornatus	13510	Rhipidura hypoxantha
12511	Acrocephalus scirpaceus scirpaceus	13001	Phylloscopus inornatus inornatus	13520	Rhipidura albicollis
12512	Acrocephalus scirpaceus fuscus	13002	Phylloscopus inornatus humei	13530	Terpsiphone viridis
12520	Acrocephalus stentoreus	13010	Phylloscopus schwarzi	13540	Terpsiphone paradisi
12530	Acrocephalus arundinaceus	13020	Phylloscopus armandii	13550	Terpsiphone atrocaudata
12531	Acrocephalus arundinaceus arundinaceus	13030	Phylloscopus fuscatus	13560	Pomatorhinus erythrognys
12532	Acrocephalus arundinaceus arundinaceus	13040	Phylloscopus fuligiventer	13570	Pomatorhinus ruficollis
12533	Acrocephalus arundinaceus arundinaceus	13050	Phylloscopus griseolus	13580	Pnoepyga albiventer
12540	Acrocephalus aedon	13060	Phylloscopus affinis	13590	Pnoepyga pusilla
12549	Acrocephalus sp.	13070	Phylloscopus bonelli	13600	Spelaeoris troglodytoides
12550	Hippolais pallida (E.O.W.)	13071	Phylloscopus bonelli bonelli	13610	Stachyris ruficeps
12551	Hippolais pallida pallida	13072	Phylloscopus bonelli orientalis	13620	Moupinia poecilotis
12552	Hippolais pallida opacus (W.O.W.)	13080	Phylloscopus sibilatrix	13630	Chamaea fasciata
12553	Hippolais pallida elaeica	13090	Phylloscopus neglectus	13640	Panurus biarmicus
12554	Hippolais pallida reiseri	13100	Phylloscopus sindianus	13650	Conostoma oemodium
12555	Hippolais pallida laeneni	13110	Phylloscopus collybita	13660	Paradoxornis paradoxus
12560	Hippolais caligata	13111	Phylloscopus collybita collybita	13670	Paradoxornis unicolor
12561	Hippolais caligata caligata	13112	Phylloscopus collybita fulvescens	13680	Paradoxornis flavirostris
12562	Hippolais caligata rama (S.W.)	13113	Phylloscopus collybita tristis	13690	Paradoxornis conspiciatus
12570	Hippolais languida	13114	Phylloscopus collybita abietinus	13700	Paradoxornis webbianus
12580	Hippolais olivetorum	13115	Phylloscopus collybita ibericus	13710	Paradoxornis zappeyi
12590	Hippolais icterina	13116	Phylloscopus collybita collybita	13720	Paradoxornis przewalskii
			brehmii	13730	Paradoxornis fulvifrons
			DELETED	13740	Paradoxornis nipalensis
				13750	Paradoxornis verreauxi

13760	Paradoxornis heudei	14560	Parus venustus	15160	Lanius vittatus
13770	Turdoides altirostris	14570	Parus varius	15170	Lanius schach
13780	Turdoides caudatus	14580	Parus rufonuchalis	15180	Lanius tephronotus
13790	Turdoides squamiceps	14590	Parus rubidiventris	15190	Lanius minor
13800	Turdoides fulvus	14600	Parus melanolophus	15200	Lanius excubitor
13810	Babax lanceolatus	14610	Parus ater	15201	Lanius excubitor excubitor
13820	Babax waddelli	14611	Parus ater ater	15202	Lanius excubitor elegans
13830	Babax koslowi	14620	Parus caeruleus	15203	Lanius excubitor meridionalis
13840	Garrulax perspicillatus	14621	Parus caeruleus caeruleus	15210	Lanius sphenocercus
13850	Garrulax albogularis	14622	Parus caeruleus ultramarinus	15220	Lanius ludovicianus
13860	Garrulax pectoralis	14623	Parus caeruleus pleskii	15230	Lanius senator
13870	Garrulax striatus	14624	Parus caeruleus palmensis	15231	Lanius senator senator
13880	Garrulax maesi	14625	Parus caeruleus teneriffae	15232	Lanius senator badius
13890	Garrulax variegatus	14626	Parus caeruleus ombriosus	15233	Lanius senator niloticus
13900	Garrulax davidi	14627	Parus caeruleus degener	15240	Lanius nubicus
13910	Garrulax sukatschewi	14630	Parus cyanus	15249	Lanius sp.
13920	Garrulax cineraceus	14640	Parus major	15250	Dicrurus macrocercus
13930	Garrulax lunulatus	14641	Parus major major	15260	Dicrurus leucophaeus
13940	Garrulax maximus	14642	Parus major excelsus	15270	Dicrurus hottentottus
13950	Garrulax ocellatus	14650	Parus bokharensis	15280	Cyanocorax dickeyi
13960	Garrulax caerulatus	14660	Parus monticolus	15290	Cyanocorax yncas
13970	Garrulax canorus	14669	Parus sp.	15300	Cyanocorax formosa
13980	Garrulax sannio	14670	Sitta yunnanensis	15310	Cyanocorax morio
13990	Garrulax lineatus	14680	Sitta villosa	15320	Cyanocorax sanblasiana
14000	Garrulax subunicolor	14690	Sitta krueperi	15330	Cyanocorax beecheii
14010	Garrulax elliotii	14700	Sitta whiteheadi	15340	Cyanocitta stelleri
14020	Garrulax henrici	14710	Sitta ledanti	15350	Cyanocitta cristata
14030	Garrulax affinis	14720	Sitta canadensis	15360	Aphelocoma ultramarina
14040	Garrulax erythrocephalus	14730	Sitta pygmaea	15370	Aphelocoma coerulescens
14050	Garrulax formosus	14740	Sitta pusilla	15380	Gymnorhinus cyanocephalus
14060	Liocichla steerii	14750	Sitta leucopsis	15390	Garrulus glandarius
14070	Leiothrix lutea	14760	Sitta carolinensis	15400	Garrulus lanceolatus
14080	Myzornis pyrhroura	14770	Sitta himalayensis	15410	Garrulus lidthi
14090	Cutia nipalensis	14780	Sitta castanea	15420	Perisoreus canadensis
14100	Pteruthius flaviscapis	14790	Sitta europaea	15430	Perisoreus infaustus
14110	Pteruthius xanthochloris	14791	Sitta europaea europaea	15440	Perisoreus internigrans
14120	Actinodura nipalensis	14792	Sitta europaea asiatica	15450	Urocissa flavirostris
14130	Minla cyanouroptera	14793	Sitta europaea caesia	15460	Urocissa erythrorhyncha
14140	Minla strigula	14800	Sitta tephronota	15470	Cyanopica cyana
14150	Minla ignotincta	14810	Sitta neumayer	15480	Dendrocitta formosae
14160	Alcippe chrysotis	14820	Tichodroma muraria	15490	Pica pica
14170	Alcippe cinerea	14830	Certhia discolor	15491	Pica pica pica
14180	Alcippe castaneiceps	14840	Certhia himalayana	15492	Pica pica melanotus
14190	Alcippe vinipectus	14850	Certhia nipalensis	15493	Pica pica mauritanica
14200	Alcippe striatocollis	14860	Certhia familiaris	15500	Pica nuttalli
14210	Alcippe ruficapilla	14861	Certhia familiaris familiaris	15510	Podoces hendersoni
14220	Alcippe cinereiceps	14862	Certhia familiaris britannica	15520	Podoces biddulphi
14230	Alcippe brunnea	14863	Certhia familiaris corsa	15530	Podoces panderi
14240	Alcippe morrisonia	14864	Certhia familiaris macrodactyla	15540	Podoces pleskei
14250	Heterophasia capistrata	14870	Certhia brachydactyla	15550	Pseudopodoces humilis
14260	Heterophasia pulchella	14880	Cephalopyrus flammiceps	15560	Nucifraga columbiana
14270	Yuhina gularis	14890	Auriparus flaviceps	15570	Nucifraga caryocatactes
14280	Yuhina diademata	14900	Remiz pendulinus	15571	Nucifraga caryocatactes
14290	Yuhina occipitalis	14901	Remiz pendulinus pendulinus		caryocatactes
14300	Yuhina nigrimenta	14902	Remiz pendulinus coronatus	15572	Nucifraga caryocatactes
14310	Psaltriparus minimus	14903	Remiz pendulinus macronyx		macrorhynchos
14320	Aegithalos fuliginosus	14910	Anthreptes platurus	15580	Pyrhcorax graculus
14330	Aegithalos iouschistos	14920	Anthreptes metallicus	15590	Pyrhcorax pyrhracorax
14340	Aegithalos niveogularis	14930	Nectarinia asiatica	15600	Corvus monedula
14350	Aegithalos leucogenys	14940	Nectarinia habessinica	15601	Corvus monedula monedula
14360	Aegithalos concinnus	14950	Nectarinia osea	15602	Corvus monedula osemmeringii
14370	Aegithalos caudatus	14960	Aethopyga gouldiae	15603	Corvus monedula spermologus
14371	Aegithalos caudatus caudatus	14970	Aethopyga nipalensis	15610	Corvus dauuricus
14372	Aegithalos caudatus sibiricus	14980	Aethopyga ignicauda	15620	Corvus splendens
14373	Aegithalos caudatus japonicus	14990	Dicaeum melanoxanthum	15630	Corvus frugilegus
14374	Aegithalos caudatus europaeus	15000	Dicaeum ignipectus	15640	Corvus brachyrhynchos
14375	Aegithalos caudatus rosaceus	15010	Zosterops palpebrosa	15650	Corvus imparatus
14380	Sylviparus modestus	15020	Zosterops erythropleura	15660	Corvus ossifragus
14390	Parus superciliosus	15030	Zosterops japonica	15670	Corvus corone
14400	Parus palustris	15040	Zosterops abyssinica	15671	Corvus corone corone
14410	Parus lugubris	15049	Zosterops sp.	15673	Corvus corone comix
14420	Parus montanus	15050	Apalopteron familiare	15680	Corvus macrorhynchos
14422	Parus montanus songarus	15060	Oriolus traillii	15690	Corvus torquatus
14430	Parus atricapillus	15070	Oriolus chinensis	15700	Corvus albus
14440	Parus carolinensis	15080	Oriolus oriolus	15710	Corvus ruficollis
14450	Parus sclateri	15090	Tchagra senegala	15720	Corvus corax
14460	Parus gambeli	15100	Rhodophoneus cruentus	15721	Corvus corax corax
14470	Parus wollweberi	15110	Lanius tigrinus	15722	Corvus corax tingitanus
14480	Parus cinctus	15120	Lanius bucephalus	15730	Corvus cryptoleucus
14490	Parus hudsonicus	15130	Lanius cristatus	15740	Corvus rhipidurus
14500	Parus rufescens	15140	Lanius isabellinus	15749	Corvus sp.
14510	Parus bicolor	15150	Lanius collurio	15750	Onychognathus tristramii
14520	Parus inornatus	15151	Lanius collurio collurio	15760	Cinnyricinclus leucogaster
14530	Parus dichrous	15152	Lanius collurio phoenicuroides	15770	Sturnus pagodarum
14540	Parus cristatus	15153	Lanius collurio isabellinus (= 15140)	15780	Sturnus sericeus
14550	Parus davidi		Lanius isabellinus)	15790	Sturnus sturninus

15800	<i>Sturnus philippensis</i>	16480	<i>Callacanthus burtoni</i>	17160	<i>Eophona personata</i>
15810	<i>Sturnus sinensis</i>	16490	<i>Carduelis chloris</i>	17170	<i>Coccothraustes coccothraustes</i>
15820	<i>Sturnus vulgaris</i>	16500	<i>Carduelis sinica</i>	17180	<i>Hesperiphona vespertina</i>
15830	<i>Sturnus unicolor</i>	16510	<i>Carduelis ambigua</i>	17190	<i>Hesperiphona abeillei</i>
15840	<i>Sturnus roseus</i>	16520	<i>Carduelis spinoides</i>	17200	<i>Mniotilta varia</i>
15850	<i>Sturnus cineraceus</i>	16530	<i>Carduelis carduelis</i>	17210	<i>Vermivora bachmanii</i>
15859	<i>Sturnus sp.</i>	16531	<i>Carduelis carduelis carduelis</i>	17220	<i>Vermivora chrysoptera</i>
15860	<i>Creatophora cineracea</i>	16532	<i>Carduelis carduelis caniceps</i>	17230	<i>Vermivora pinus</i>
15870	<i>Acridotheres tristis</i>	16540	<i>Carduelis spinus</i>	17240	<i>Vermivora peregrina</i>
15880	<i>Acridotheres ginginianus</i>	16550	<i>Carduelis pinus</i>	17250	<i>Vermivora celata</i>
15890	<i>Acridotheres cristatellus</i>	16560	<i>Carduelis notata</i>	17260	<i>Vermivora ruficapilla</i>
15900	<i>Passer ammodendri</i>	16570	<i>Carduelis tristis</i>	17270	<i>Vermivora virginiae</i>
15910	<i>Passer domesticus</i>	16580	<i>Carduelis psaltria</i>	17280	<i>Vermivora crissalis</i>
15911	<i>Passer domesticus domesticus</i>	16590	<i>Carduelis lawrencei</i>	17290	<i>Vermivora luciae</i>
15912	<i>Passer domesticus italiae</i>	16600	<i>Carduelis cannabina</i>	17300	<i>Vermivora superciliosa</i>
15913	<i>Passer domesticus indicus</i>	16601	<i>Carduelis cannabina cannabina</i>	17310	<i>Parula pityayumi</i>
15920	<i>Passer hispaniolensis</i>	16602	<i>Carduelis cannabina meadowaldoi</i>	17320	<i>Parula americana</i>
15921	<i>Passer hispaniolensis hispaniolensis</i>	16603	<i>Carduelis cannabina harteri</i>	17330	<i>Dendroica petechia</i>
15922	<i>Passer hispaniolensis maltae</i>	16604	<i>Carduelis cannabina mediterranea</i>	17340	<i>Dendroica pensylvanica</i>
15930	<i>Passer pyrrhonotus</i>	16610	<i>Carduelis yemenensis</i>	17350	<i>Dendroica cerulea</i>
15940	<i>Passer rutilans</i>	16620	<i>Carduelis flavirostris</i>	17360	<i>Dendroica caerulescens</i>
15950	<i>Passer moabiticus</i>	16630	<i>Carduelis flammaea</i>	17370	<i>Dendroica pinus</i>
15960	<i>Passer iagoensis</i>	16631	<i>Carduelis flammaea flammaea</i>	17380	<i>Dendroica graciae</i>
15970	<i>Passer simplex</i>	16632	<i>Carduelis flammaea rostrata</i>	17390	<i>Dendroica pityophila</i>
15980	<i>Passer montanus</i>	16634	<i>Carduelis flammaea cabaret</i>	17400	<i>Dendroica dominica</i>
15990	<i>Passer luteus</i>	16640	<i>Carduelis homemanni</i>	17410	<i>Dendroica kirtlandii</i>
16000	<i>Passer euchlorus</i>	16641	<i>Carduelis homemanni homemanni</i>	17420	<i>Dendroica nigrescens</i>
16009	<i>Passer sp.</i>	16642	<i>Carduelis homemanni exilipes</i>	17430	<i>Dendroica occipitalis</i>
16010	<i>Petronia brachydactyla</i>	16649	<i>Carduelis spp.</i>	17440	<i>Dendroica townsendi</i>
16011	<i>Petronia xanthocollis</i>	16650	<i>Loxia leucoptera</i>	17450	<i>Dendroica virens</i>
16020	<i>Petronia xanthocollis</i>	16660	<i>Loxia curvirostra</i>	17460	<i>Dendroica chrysoparia</i>
16030	<i>Petronia dentata</i>	16670	<i>Loxia scotica</i>	17470	<i>Dendroica fusca</i>
16040	<i>Petronia petronia</i>	16680	<i>Loxia pytyopsittacus</i>	17480	<i>Dendroica discolor</i>
16050	<i>Montifringilla theresae</i>	16689	<i>Loxia sp.</i>	17490	<i>Dendroica tigrina</i>
16060	<i>Montifringilla blanfordi</i>	16690	<i>Leucosticte nemoricola</i>	17500	<i>Dendroica magnolia</i>
16070	<i>Montifringilla ruficollis</i>	16700	<i>Leucosticte brandti</i>	17510	<i>Dendroica coronata</i>
16080	<i>Montifringilla davidiana</i>	16710	<i>Leucosticte arctoa</i>	17520	<i>Dendroica palmarum</i>
16090	<i>Montifringilla taczanowskii</i>	16720	<i>Leucosticte tephrocotis</i>	17530	<i>Dendroica striata</i>
16100	<i>Montifringilla adamsi</i>	16730	<i>Rhodopechys sanguinea</i>	17540	<i>Dendroica castanea</i>
16110	<i>Montifringilla nivalis</i>	16740	<i>Rhodospiza obsoleta</i>	17550	<i>Setophaga ruticilla</i>
16120	<i>Ploceus galbula</i>	16750	<i>Bucanetes mongolicus</i>	17560	<i>Seiurus aurocapillus</i>
16130	<i>Lagonosticta senegala</i>	16760	<i>Bucanetes githagineus</i>	17570	<i>Seiurus noveboracensis</i>
16140	<i>Uraeginthus bengalus</i>	16770	<i>Carpodacus rubescens</i>	17580	<i>Seiurus motacilla</i>
16150	<i>Estrilda astrild</i>	16780	<i>Carpodacus nipalensis</i>	17590	<i>Helminthos swainsonii</i>
16160	<i>Estrilda rufibarba</i>	16790	<i>Carpodacus erythrinus</i>	17600	<i>Helminthos vermivorus</i>
16170	<i>Amandava subflava</i>	16800	<i>Carpodacus purpureus</i>	17610	<i>Protonotaria citrea</i>
16180	<i>Euodice malabarica</i>	16810	<i>Carpodacus cassinii</i>	17620	<i>Geothlypis trichas</i>
16190	<i>Euodice cantans</i>	16820	<i>Carpodacus mexicanus</i>	17630	<i>Geothlypis rostrata</i>
16200	<i>Lonchura striata</i>	16830	<i>Carpodacus pulcherrimus</i>	17640	<i>Geothlypis speciosa</i>
16210	<i>Vireo atricapillus</i>	16840	<i>Carpodacus eos</i>	17650	<i>Geothlypis nelsoni</i>
16220	<i>Vireo pallens</i>	16850	<i>Carpodacus rhodochrous</i>	17660	<i>Chamaethlypis poliocephala</i>
16230	<i>Vireo griseus</i>	16860	<i>Carpodacus vinaceus</i>	17670	<i>Oporornis formosus</i>
16240	<i>Vireo crassirostris</i>	16870	<i>Carpodacus edwardsii</i>	17680	<i>Oporornis agilis</i>
16250	<i>Vireo bellii</i>	16880	<i>Carpodacus snyderi</i>	17690	<i>Oporornis philadelphia</i>
16260	<i>Vireo vicinior</i>	16890	<i>Carpodacus roseus</i>	17700	<i>Oporornis tolmiei</i>
16270	<i>Vireo solitarius</i>	16900	<i>Carpodacus trifasciatus</i>	17710	<i>Wilsonia citrina</i>
16280	<i>Vireo flavifrons</i>	16910	<i>Carpodacus rhodopeplus</i>	17720	<i>Wilsonia pusilla</i>
16290	<i>Vireo huttoni</i>	16920	<i>Carpodacus thura</i>	17730	<i>Wilsonia canadensis</i>
16300	<i>Vireo hypochryseus</i>	16930	<i>Carpodacus rhodochlamys</i>	17740	<i>Cardinella rubrifrons</i>
16310	<i>Vireo philadelphicus</i>	16940	<i>Carpodacus grandis</i>	17750	<i>Ergaticus ruber</i>
16320	<i>Vireo flavoviridis</i>	16950	<i>Carpodacus rubicilloides</i>	17760	<i>Myioborus puctus</i>
16330	<i>Vireo olivaceus</i>	16960	<i>Carpodacus rubicilla</i>	17770	<i>Myioborus miniatus</i>
16340	<i>Vireo altiloquus</i>	16970	<i>Carpodacus puniceus</i>	17780	<i>Euthlypis lachrymosa</i>
16350	<i>Vireo gilvus</i>	16980	<i>Kozlowia roborowskii</i>	17790	<i>Basileuterus culicivorus</i>
16360	<i>Fringilla coelebs</i>	16990	<i>Pinicola enucleator</i>	17800	<i>Basileuterus rufifrons</i>
16361	<i>Fringilla coelebs coelebs</i>	17000	<i>Propyrrhula subhimachala</i>	17810	<i>Peucedramus taeniatus</i>
16362	<i>Fringilla coelebs africana</i>	17010	<i>Chaunoproctus ferreorostris</i>	17820	<i>Icteria virens</i>
16363	<i>Fringilla coelebs ombriosa</i>	17020	<i>Haematospiza sipahi</i>	17830	<i>Coereba flaveola</i>
16364	<i>Fringilla coelebs palmae</i>	17030	<i>Pyrrhoptectes epauletta</i>	17840	<i>Piranga bidentata</i>
16365	<i>Fringilla coelebs canariensis</i>	17040	<i>Uragus sibiricus</i>	17850	<i>Piranga flava</i>
16370	<i>Fringilla teydea</i>	17050	<i>Urocynchramus pylzowi</i>	17860	<i>Piranga rubra</i>
16371	<i>Fringilla teydea teydea</i>	17060	<i>Pyrrhula nipalensis</i>	17870	<i>Piranga ludoviciana</i>
16372	<i>Fringilla teydea polatzeki</i>	17070	<i>Pyrrhula aurantiaca</i>	17880	<i>Piranga olivacea</i>
16380	<i>Fringilla montifringilla</i>	17080	<i>Pyrrhula erythrocephala</i>	17890	<i>Piranga erythrocephala</i>
16389	<i>Fringilla sp.</i>	17090	<i>Pyrrhula erythaca</i>	17900	<i>Spindalis zena</i>
16390	<i>Serinus pusillus</i>	17100	<i>Pyrrhula pyrrhula</i>	17910	<i>Euphonia affinis</i>
16400	<i>Serinus serinus</i>	17101	<i>Pyrrhula pyrrhula pyrrhula</i>	17920	<i>Euphonia elegantissima</i>
16410	<i>Serinus syriacus</i>	17102	<i>Pyrrhula pyrrhula europaeus</i>	17930	<i>Diglossa baritula</i>
16420	<i>Serinus canaria</i>	17103	<i>Pyrrhula pyrrhula pileata</i>	17940	<i>Atlapetes pileatus</i>
16430	<i>Serinus thibetanus</i>	17104	<i>Pyrrhula pyrrhula cineracea</i>	17950	<i>Atlapetes torquatus</i>
16440	<i>Serinus citrinella</i>	17105	<i>Pyrrhula pyrrhula murina</i>	17960	<i>Arremonops rufivirgatus</i>
16441	<i>Serinus citrinella citrinella</i>	17110	<i>Mycerobas icteroides</i>	17970	<i>Pipilo chlorurus</i>
16442	<i>Serinus citrinella corsicana</i>	17120	<i>Mycerobas affinis</i>	17980	<i>Pipilo erythrophthalmus</i>
16450	<i>Serinus rothschildi</i>	17130	<i>Mycerobas melanozanthos</i>	17990	<i>Pipilo fuscus</i>
16460	<i>Serinus menachensis</i>	17140	<i>Mycerobas carripes</i>	18000	<i>Pipilo aberti</i>
16470	<i>Rhynchostirurus socotranus</i>	17150	<i>Eophona migratoria</i>	18010	<i>Melospiza kieneri</i>

18020	Tiaris canora	18800	Emberiza bruniceps	20370	Argya fulva (= 13800 Turdoidea fulvus)
18030	Tiaris bicolor	18810	Emberiza melanocephala	20380	Chloephaga picta
18040	Sporophila torquella	18819	Emberiza sp.	20390	Miopsitta monachus
18050	Volatinia jacarina	18820	Miliaria calandra	20400	Oceanodroma markhami
18060	Aimophila bilineata	18830	Melophus lathamii	20410	Ploceus melanocephalus
18070	Aimophila belli	18840	Spiza americana	20420	Euplectes afer
18080	Aimophila mystacalis	18850	Pheucticus chrysopleus	20430	Estrilda melpoda
18090	Aimophila botterii	18860	Pheucticus melanocephalus	20439	Estrilda sp.
18100	Aimophila cassinii	18870	Pheucticus ludovicianus	20440	Poephila guttata
18110	Aimophila aestivalis	18880	Cardinalis cardinalis	20450	Lonchura maja
18120	Aimophila quinquestriata	18890	Cardinalis sinuatus	20459	Lonchura sp.
18130	Aimophila carpalis	18900	Rhodothraupis celaeno	20460	Charadrius marginatus
18140	Aimophila ruficeps	18910	Guiraca caerulea	20470	Euplectes orix
18150	Aimophila rufescens	18920	Passerina cyanea	20480	Euplectes franciscanus
18160	Oriturus superciliosus	18930	Passerina amoena	20490	Pterodroma cahow
18170	Spizella arborea	18940	Passerina versicolor	20500	Sula capensis (= 00712 Sula bassana capensis)
18180	Spizella passerina	18950	Passerina ciris	20600	Larus dominicanus
18190	Spizella pallida	18960	Passerina leclancherii	20700	Sterna vittata
18200	Spizella breweri	18970	Dolichonyx oryzivorus	20800	Cygnus atratus
18210	Spizella pusilla	18980	Molothrus aeneus	20900	Acrocephalus baeticatus
18220	Spizella wortheni	18990	Molothrus ater	21000	Andropadus importunus
18230	Spizella atrogularis	19000	Euphagus cyanocephalus	21100	Batis senegalensis
18240	Chondestes grammacus	19010	Euphagus carolinensis	21200	Camaroptera brachyura
18250	Pooecetes gramineus	19020	Quiscalus mexicanus	21300	Chalcites basalis
18260	Ammodramus sandwicensis	19030	Quiscalus palustris	21400	Cossypha niveicapilla
18270	Ammodramus bairdii	19040	Quiscalus major	21500	Dicrurus adsimilis
18280	Ammodramus savannarum	19050	Quiscalus quiscula	21600	Dryoscopus senegalensis
18290	Ammodramus leconteii	19060	Sturnella neglecta	21700	Elminia longicauda
18300	Ammodramus caudacutus	19070	Sturnella magna	21800	Halcyon senegaloides
18310	Ammodramus maritimus	19080	Agelaius tricolor	21900	Melaenomis edoloides
18320	Ammodramus baileyi	19090	Agelaius phoeniceus	22000	Melaniparus leucomelas
18330	Ammodramus henslowii	19100	Agelaius humeralis	22100	Muscicapa caerulescens
18340	Zonotrichia iliaca	19110	Xanthocephalus xanthocephalus	22200	Myioparus plumbeus
18341	Zonotrichia iliaca iliaca	19120	Icterus parisorum	22300	Nectarinia bifasciata
18350	Melospiza melodia (= Zonotrichia melodia)	19130	Icterus graduacauda	22310	Nectarinia veronii
18350	Zonotrichia melodia (= Melospiza melodia)	19140	Icterus wagleri	22400	Nectarinia pulchella (= Panaeola pulchella)
18360	Zonotrichia lincolnii	19150	Icterus dominicensis	22500	Passer motiensis
18370	Zonotrichia georgiana	19160	Icterus cucullatus	22600	Pellicicla pelios (= 26530 Turdus pelios)
18380	Zonotrichia querula	19170	Icterus spurius	22700	Platysteira cyanea
18390	Zonotrichia leucophrys	19180	Icterus galbula	22800	Plocepasser mahali
18400	Zonotrichia albicollis	19190	Icterus pustulatus	22900	Sylvietta brachyura
18410	Zonotrichia atricapilla	19200	Icterus gularis	23000	Terpsiphone rufiventer
18420	Junco hyemalis	19210	Icterus pectoralis	23100	Trochocercus cyanomelas
18430	Junco caniceps	19220	Cacicus melanicterus	23200	Accipiter tachiro
18440	Junco phaeonotus	20010	Turtur afer	23300	Tympanistria tympanistria
18450	Calamospiza melanocorys	20020	Thalassioica antarctica	23400	Andropadus virens (= Eurillas virens)
18460	Calcarius mccownii	20030	Ploceus cucullatus	23500	Andropadus curvirostris
18470	Calcarius lapponicus	20040	Phalacrocorax capensis	23600	Andropadus latirostris (= Stelgidocichla latirostris)
18480	Calcarius ornatus	20050	Passer griseus	23700	Phyllastrephus albigularis
18490	Calcarius pictus	20060	Pagodroma nivea	23800	Bleda canicapilla
18500	Plectrophenax nivalis	20070	Chionis alba	23900	Criniger barbatus
18501	Plectrophenax nivalis nivalis	20080	Hirundo lucida	24000	Criniger calurus
18502	Plectrophenax nivalis insulae	20090	Diomedea chrysostoma	24200	Stiphornis erythrothorax
18510	Emberiza siemsseni	20100	Phoebastria palpebrata	24300	Camaroptera brevicaudata
18520	Emberiza variabilis	20110	Macronectes halli	24400	Sylvietta virens
18530	Emberiza spodocephala	20120	Pterodroma brevirostris	24500	Hylia prasina
18540	Emberiza sulphurata	20130	Fulmarus glacialis	24600	Fraseria cinerascens
18550	Emberiza koslowi	20140	Garrodia nereis	24700	Dyaphorophya castanea
18560	Emberiza leucocephalos	20150	Porphyra flavirostris	24800	Tchitreia rufiventer (= 23000 Terpsiphone rufiventer)
18570	Emberiza citrinella	20160	Halobaena caerulea	24900	Illadopsis rufescens (= Trichastoma rufescens)
18580	Emberiza citrus	20170	Pelecanoides urinatrix	24995	Species not accepted
18590	Emberiza stewarti	20180	Pelecanoides georgicus	24997	Cage & exotic birds
18600	Emberiza cia	20190	Phalacrocorax atriceps	24998	Hybrids & intermediates
18610	Emberiza cioides	20191	Phalacrocorax atriceps atriceps	25000	Trichastoma moloneyanum iboensis (taxonomic origin unknown)
18620	Emberiza jankowskii	20192	Phalacrocorax atriceps nivalis	25100	Anthreptes collaris
18630	Emberiza striolata	20193	Phalacrocorax atriceps georgianus	25200	Cyanomitra olivacea
18640	Emberiza tahapisi	20200	Pygoscelis adeliae	25300	Nicator chloris
18650	Emberiza cineracea	20210	Pygoscelis antarctica	25400	Malimbus nitens
18660	Emberiza hortulana	20220	Pygoscelis papua	25500	Spermophaga haematina
18670	Emberiza buchanani	20230	Phoenicopterus chilensis	25600	Laniarius aethiopicus
18680	Emberiza caesia	20240	Quelea quelea	25700	Callonetta leucophrys
18690	Emberiza fucata	20250	Amandava amandava	25800	Mareca sibilatrix
18700	Emberiza elegans	20260	Lonchura punctulata	25900	Paecilometta bahamensis (= 01900 Anas bahamensis)
18710	Emberiza chrysophrys	20270	Estrilda troglodytes	26000	Pyrrhura orcesi
18720	Emberiza tristrami	20280	Rhodopechys githaginea (=16760 Bucanetes githagineus)	26100	Atlapetes pallidiceps
18730	Emberiza rustica	20290	Lonchura malacca	26200	Cyanoliseus patagonus
18740	Emberiza pusilla	20291	Lonchura malacca malacca		
18750	Emberiza rutilla	20292	Lonchura malacca atricapilla		
18760	Emberiza aureola	20300	Eudytes chrysolophus		
18770	Emberiza schoeniclus	20310	Ardea melanocephala		
18771	Emberiza schoeniclus schoeniclus	20320	Pachyptila desolata		
18772	Emberiza schoeniclus witherbyi	20330	Pterodroma incerta		
18780	Emberiza pallasi	20340	Cossypha natalensis		
18790	Emberiza yessoensis	20350	Sterna hirundinacea		
		20360	Larus maculipennis		

26300	Larus belcheri	27120	Jacana jacana	27920	Copsychus saularis
26400	Ploceus castaneiceps	27130	Knipolegus hudsoni	27930	Copsychus sechellarum
26410	Ploceus capitalis	27140	Lateralus melanophaius	27940	Copsychus malabaricus
26420	Ploceus intermedius	27150	Lathrotriccus euleri	27960	Copsychus luzoniensis
26430	Vidua macroura	27160	Lepidocolaptes angustirostris	27970	Copsychus niger
26440	Estrilda perreina	27170	Leptopogon amaurocephalus	27980	Copsychus cebuensis
26450	Estrilda rhodopyga	27180	Leptotila rufaxilla	30010	Accipiter castanilius
26460	Amauromis flavirostris	27190	Leucopternis schistacea	30020	Accipiter erythropus
26470	Vanellus albiceps	27200	Mimus saturninus	30030	Accipiter melanoleucus
26480	Illadopsis puvelli	27210	Momotus momota	30040	Accipiter ovampensis
26490	Prionops plumatus	27211	Momotus momota momota	30050	Acrocephalus gracilirostris
26500	Calamator levillauii	27212	Momotus momota coeruliceps	30060	Acrocephalus rufescens
26510	Streptopelia vinacea	27220	Monasa nigrifrons	30070	Actophilomis africanus
26520	Campethera punctuligera	27230	Myiarchus ferox	30080	Aenigmatolimnas marginalis
26530	Turdus pelios	27240	Myiarchus swainsoni	30090	Agapomis pullarius
26540	Chlorocichla flavicollis	27250	Myiophobus fasciatus	30100	Agelastes niger
26550	Lybius dubius	27260	Myiozetetes cayanensis	30110	Alcedo coerulescens
26560	Larus argentatus mongolicus	27270	Myrmeciza hemimelaena	30120	Alcedo cristata
26570	Anas crecca carolinensis (=Ø1842)	27280	Myrmeciza hyperythra	30130	Alcedo leucogaster
26580	Sylvia minula	27290	Myrmoborus leucophrys	30140	Alcedo quadribrachys
26590	Nettapus auritus	27300	Neopelma sulphureiventer	30150	Alethe diademata
26600	Coturnix delegorguei	27310	Oryzoborus angolensis	30160	Amadina fasciata
26610	Psittacula eupatria	27320	Paroaria gularis	30170	Amblyospiza albifrons
26620	Euplectes albonotatus	27321	Paroaria gularis gularis	30180	Anaplectes rubriceps
26632	Larus argentatus smithsonianus	27330	Phacellodomus ruber	30190	Anas hottentota
26642	Motacilla flava leucocephala	27340	Picumnus albosquamatus	30200	Anas sparsa
26643	Motacilla flava similima	27350	Pipra fasciicauda	30210	Anas undulata
26650	Tadorna radjah	27360	Polioptila dumicola	30220	Anastomus lamelligerus
26660	Tadorna cana	27361	Polioptila dumicola dumicola	30230	Andropadus ansorgei
26670	Tadorna tadornoides	27370	Pseudocolopteryx sclateri	30240	Andropadus gracilirostris
26680	Tadorna variegata	27380	Ramphocelus carbo	30250	Andropadus gracilis
26690	Amazona oratrix	27390	Saltator maximus	30260	Andropadus montanus
26700	Pachyptila belcheri	27400	Satrapa icterophrys	30270	Andropadus tephrolaemus
26710	Centropus superciliosus	27410	Schiffornis turdinus	30280	Anhinga rufa
26711	Centropus superciliosus superciliosus	27420	Schistopiza melanopis	30290	Anomalospiza imberbis
26712	Centropus superciliosus sokotrae	27430	Serpophaga munda	30300	Anous minutus
26713	Centropus superciliosus loandae	27440	Sittasomus griseicapillus	30310	Anthoscopus flavifrons
26714	Centropus superciliosus burchellii	27450	Sporophila caerulescens	30320	Anthoscopus parvulus
26720	Agelaius cyanopus	27460	Sporophila collaris	30330	Anthoscopus punctifrons
26730	Ammodramus humeralis	27470	Sporophila leucoptera	30340	Anthreptes fraseri
26740	Anthus hellmayri	27471	Sporophila leucoptera leucoptera	30350	Anthreptes gabonicus
26750	Aratinga leucophthalmus	27472	Sporophila leucoptera bicolor	30360	Anthreptes longuemarei
26760	Arremon taciturnus	27480	Sporophila ruficollis	30370	Anthreptes rectirostris
26770	Attila bolivianus	27490	Synallaxis albescens	30380	Anthus cinnamomeus
26780	Buteo magnirostris	27500	Synallaxis gujanensis	30390	Anthus leucophrys
26790	Cacicus cela	27510	Synallaxis hypospodia	30400	Apalis cinerea
26800	Campitostoma obsoletum	27520	Tapera naevia	30410	Apalis flavida
26810	Carpimulgus parvulus parvulus	27530	Taraba major	30420	Apalis jacksoni
26820	Certhiaxis cinnamomea	27540	Thamnophilus doliatus	30430	Apalis nigriceps
26830	Chloroceryle amazona	27541	Thamnophilus doliatus doliatus	30440	Apalis pulchra
26840	Cnemotriccus fuscatus	27550	Thamnophilus punctatus	30450	Apalis rufogularis
26850	Colaptes campestris	27560	Thamnophilus schistaceus	30460	Apaloderma aequatoriale
26860	Columbina picui	27570	Thlypopsis sordida	30470	Apaloderma narina
26870	Coryphaspiza melanotis	27580	Thraupis palmarum	30480	Apaloderma vittatum
26880	Cranioleuca gutturata	27590	Thraupis sayaca	30490	Aplopelia larvata
26890	Crypturellus parvirostris	27600	Thryothorus genibarbis	30500	Apus barbatus
26900	Culicivora caudacuta	27610	Thryothorus guarayanus	30510	Apus horus
26910	Deconychura longicauda	27620	Todirostrum latirostre	30520	Apus sladeniae
26920	Dendrocincla merula	27630	Tolmomyias sulphurescens	30530	Aquila nipalensis (= Ø2942 A.r.n.)
26921	Dendrocincla merula merula	27640	Trogon melanurus	30540	Aquila wahlbergi
26930	Donacobius atricapilla	27650	Turdus amaurochalinus	30550	Ardea intermedia (=Ø1200 E.i.)
26940	Donacospiza albifrons	27660	Turdus hawxwelli	30560	Ardeola riviventris
26950	Dysithamnus mentalis	27670	Veniliornis passerinus	30570	Aviceda cuculoides
26960	Elaenia flavogaster	27680	Xenops tenuirostris	30580	Baeopogon clamans
26970	Elaenia parvirostris	27690	Xiphorhynchus guttatus	30590	Baeopogon indicator
26980	Emberizoides herbicola	27691	Xiphorhynchus guttatus guttatus	30600	Balearica pavonina
26990	Eucometis penicillata	27700	Xiphorhynchus picus	30610	Batis orientalis
26991	Eucometis penicillata penicillata	27710	Xolmis velata	30620	Batis poensis
27000	Euphonia chlorotica	27720	Fregatta grallaria	30630	Bias flammulatus
27010	Euphonia lanirostris	27730	Fregatta tropica	30640	Bias musicus
27011	Euphonia lanirostris lanirostris	27740	Pachyptila turtur	30650	Bleda eximia
27020	Formicivora rufa	27741	Pachyptila turtur turtur	30660	Bleda syndactyla
27030	Furnarius leucopus	27742	Pachyptila turtur subantarctica	30670	Bostrychia hagedash
27031	Furnarius leucopus leucopus	27750	Aptenodytes patagonicus	30680	Bostrychia olivacea
27040	Furnarius rufus	27760	Aptenodytes forsteri	30690	Bostrychia rara
27050	Galbula ruficauda	27770	Anas georgica	30700	Bradornis pallidus
27051	Galbula ruficauda ruficauda	27771	Anas georgica georgica	30710	Bradypterus baboecala
27060	Geothlypis aequinoctialis	27772	Anas georgica spinicauda	30720	Bradypterus bangwaensis
27061	Geothlypis aequinoctialis aequinoctialis	27780	Anthus antarcticus	30730	Bubalornis albirostris
27070	Hemitriccus flammulatus	27790	Procellaria cinera	30740	Bubo lacteus
27080	Hemitriccus zosterops	27800	Procellaria aequinoctialis	30750	Bubo poensis
27090	Hydropsalis brasiliiana	27810	Procellaria parkinsoni	30760	Buccanodon duchaillui
27100	Icterus cayanensis	27820	Procellaria westlandica	30770	Bucconus abyssinicus
27110	Inezia inornata	27830	Otus insularis	30780	Buphagus africanus
		27900	Neochen jubata	30790	Burhinus ueremiculatus
		27910	Copsychus albospectularis	30800	Butastur rufipennis

30810	Buteo auguralis	31670	Dendropicos fuscescens	32520	Illadopsis rufipennis
30820	Calyptocichla serina	31680	Dendropicos gabonensis	32530	Indicator exilis
30830	Camaroptera chloronota	31690	Dendropicos goertae	32540	Indicator indicator
30840	Camaroptera superciliiaris	31700	Dendropicos obsoletus	32550	Indicator maculatus
30850	Campephaga oriolina	31710	Dendropicos poecilolaemus	32560	Indicator minor
30860	Campephaga petiti	31720	Dendropicos pyrrogaster	32570	Indicator willcocksi
30870	Campephaga phoenicea	31730	Dendropicos xantholophus	32580	Ispidina lecontei
30880	Campephaga quiscalina	31740	Dicrurus atripennis	32590	Ispidina picta
30890	Campephaga abingoni	31750	Dicrurus ludwigii	32600	Ixobrychus sturmi
30900	Campephaga cailliautii	31760	Dicrurus modestus	32610	Ixonotus guttatus
30910	Campephaga caroli	31770	Drymocichla incana	32620	Jynx ruficollis
30920	Campephaga nivosa	31780	Dryoscopus angolensis	32630	Kakamega poliothorax
30930	Campephaga tullbergi	31790	Dryoscopus gambensis	32640	Kaupifalco monogrammicus
30940	Canirallus oculus	31800	Dryoscopus sabini	32650	Kupeornis gilberti
30950	Caprimulgus climacurus	31810	Dryotriorchis spectabilis	32660	Lagonosticta larvata
30960	Caprimulgus natalensis	31820	Egretta ardesiaca	32670	Lagonosticta rara
30970	Caprimulgus pectoralis	31830	Elanus axillaris	32680	Lagonosticta rubricata
30980	Caprimulgus tristigma	31840	Elminia albiventris	32690	Lagonosticta rufopicta
30990	Centropus grillii	31850	Elminia nigromitrata	32700	Lagonosticta sanguinodorsalis
31000	Centropus leucogaster	31860	Emberiza affinis	32710	Lamprotornis caudatus
31010	Centropus monachus	31870	Emberiza cabanisi	32720	Lamprotornis chalcurus
31020	Ceratogymna albotibialis	31880	Emberiza flaviventris	32730	Lamprotornis chalybaeus
31030	Ceratogymna atrata	31890	Ephippiorhynchus senegalensis	32740	Lamprotornis chloropterus
31040	Ceratogymna bucinator	31900	Eremomela badiceps	32750	Lamprotornis pulcher
31050	Ceratogymna elata	31910	Eremomela canescens	32760	Lamprotornis purpureiceps
31060	Ceratogymna fistulator	31920	Eremomela icteropygialis	32770	Lamprotornis purpureus
31070	Ceratogymna subcylindricus	31930	Eremomela pusilla	32780	Lamprotornis splendidus
31080	Cercococcyx mehowi	31940	Eremopterix leucotis	32790	Laniarius atrococcineus
31090	Cercococcyx olivinus	31950	Erythrocerus mcallii	32800	Laniarius atroflavus
31100	Cercomela familiaris	31960	Estrilda caerulescens	32810	Laniarius barbarus
31110	Cercotrichas hartlaubi	31970	Estrilda nonnula	32820	Laniarius erythrogaster
31120	Ceuthmochares aereus	31980	Estrilda paludicola	32830	Laniarius fuelleborni
31130	Charadrius forbesi	31990	Estrilda poliopareia	32840	Laniarius leucorhynchus
31140	Charadrius tricoloris	32000	Euplectes ardens	32850	Laniarius luehderi
31150	Chelictinia riocourii	32010	Euplectes axillaris	32860	Laniarius barbarus (=32810 L.b.)
31160	Chlorocichla simplex	32020	Euplectes capensis	32870	Lanius collaris
31170	Chloropeta natalensis	32030	Euplectes hartlaubi	32880	Lanius excubitoroides
31180	Chrysococcyx cupreus	32040	Euplectes hordeaceus	32890	Lanius gubernator
31190	Chrysococcyx flavigularis	32050	Euplectes macrourus	32900	Lanius mackinnoni
31200	Circaetus cinerascens	32060	Eupodotis melanogaster	32910	Lanius meridionalis (=15203 L.e.m.)
31210	Circaetus cinereus	32070	Eupodotis ruficrista	32920	Linurgus olivaceus
31220	Cisticola anonymus	32080	Eupodotis senegalensis	32930	Lonchura cantans (=16190 E.c.)
31230	Cisticola aridulus	32090	Eurystomus gularis	32940	Lophaetus occipitalis
31240	Cisticola brachypterus	32100	Euschistospiza dybowskii	32950	Lybius bidentatus
31250	Cisticola cantans	32110	Falco alopex	32960	Lybius leucocephalus
31260	Cisticola chubbii	32120	Falco ardosiaceus	32970	Lybius vieilloti
31270	Cisticola dorsti	32130	Falco cuvierii	32980	Macheiramphus alcinus
31280	Cisticola emini	32140	Fraseria ocreata	32990	Macrodipteryx longipennis
31290	Cisticola erythrops	32150	Galerida modesta	33000	Macrodipteryx vexillarius
31300	Cisticola eximius	32160	Gallinula angulata	33010	Macrosphenus flavicans
31310	Cisticola galactotes	32170	Glareola cinerea	33020	Macrosphenus kempii
31320	Cisticola lateralis	32180	Glareola nuchalis	33030	Malaconotus blanchoti
31330	Cisticola natalensis	32190	Glaucidium perlatum	33040	Malaconotus cruentus
31340	Cisticola robustus	32200	Glaucidium sjoestedti	33050	Malaconotus gladiator
31350	Cisticola ruficeps	32210	Gorsachius leucotus	33060	Malaconotus sulfureopecus
31360	Cisticola rufus	32220	Grus virgo (=04410 A.v.)	33070	Malimbus erythrogaster
31370	Clamator levaillantii	32230	Guttera pucherani	33080	Malimbus ibadanensis
31380	Clytospiza monteiri	32240	Gymnobucco calvus	33090	Malimbus malimbicus
31390	Colius striatus	32250	Gymnobucco peli	33100	Malimbus racheliae
31400	Columba arquatrix	32260	Gypohierax angolensis	33110	Malimbus rubricollis
31410	Columba delegorguei	32270	Gyps africanus	33120	Malimbus scutatus
31420	Columba guinea	32280	Halcyon badia	33130	Mandingoa nitidula
31430	Columba unicincta	32290	free to use	33140	Megaceryle maxima
31440	Coracias cyanogaster	32300	Halcyon chelicuti	33150	Melichneutes robustus
31450	Coracias naevia	32310	Halcyon malimbica	33160	Melierax gabar (=02660 M.g.)
31460	Coracina azurea	32320	Halcyon senegalensis	33170	Melocichla mentalis
31470	Coracina caesia	32330	Harpyhaliaetus coronatus	33180	Merops breweri
31480	Coracina pectoralis	32340	Heliolais erythroptera	33190	Merops bulocki
31490	Corvinella corvina	32350	Hieraaetus ayresii	33200	Merops gularis
31500	Corythaeola cristata	32360	Hieraaetus spilogaster	33210	Merops hirundineus
31510	Cossypha albicapilla	32370	Himantornis haematopus	33220	Merops malimbicus
31520	Cossypha cyanocampter	32380	Hirundo abyssinica	33230	Merops muelleri
31530	Cossypha isabellae	32390	Hirundo aethiopica	33240	Merops nubicus
31540	Cossypha polioptera	32400	Hirundo domicella (=09952 H.daurica domicella)	33250	Merops pusillus
31550	Cossyphicula roberti	32410	Hirundo fulgula	33260	Merops variegatus
31560	Coturnix adansonii	32420	Hirundo leucosoma	33270	Microparra capensis
31570	Crecopsis egregia	32430	Hirundo nigrita	33280	Mirafra africana
31580	Crinifer piscator	32440	Hirundo preussi	33290	Mirafra ruficinnamomea
31590	Criniger chloronotus	32450	Hirundo semirufa	33300	Morus capensis
31600	Criniger olivaceus	32460	Hirundo senegalensis	33310	Motacilla clara
31610	Cuculus clamosus	32470	Hyloti flavigaster	33320	Muscicapa adusta
31620	Cuculus gularis	32480	Hyloti violacea	33330	Muscicapa aquatica
31630	Cuculus solitarius	32490	Hypergerus atriceps	33340	Muscicapa cassini
31640	Cursorius temminckii	32500	Illadopsis cleaveri	33350	Muscicapa comitata
31650	Dendropicos elachus	32510	Illadopsis fulvescens	33360	Muscicapa epulata
31660	Dendropicos elliotii				

33370	Muscicapa infusata	34230	Ploceus heuglini	35090	Tchagra minuta
33380	Muscicapa olivascens	34240	Ploceus insignis	35100	Telacanthura melanopygia
33390	Muscicapa sethsmithi	34250	Ploceus luteolus	35110	Telacanthura ussheri
33400	Muscicapa tessmanni	34260	Ploceus nigricollis	35120	Telophorus multicolor
33410	Muscicapa ussheri	34270	Ploceus ocularis	35130	Telophorus sulfureopectus
33420	Muscophaga violacea	34280	Ploceus pelzelni	35140	Terpsiphone rufocinerea
33430	Myioparus griseigularis	34290	Ploceus tricolor	35150	Thalassornis leucotis
33440	Myrmecocichla albifrons	34300	Ploceus vitellinus	35160	Thamnotaea cinnamomeiventris
33450	Myrmecocichla nigra	34310	Podica senegalensis	35170	Thamnotaea coronata
33460	Neafrapus cassini	34320	Poeyoptera lugubris	35180	Thescolocichla leucopleura
33470	Nectarinia adelberti	34330	Pogoniulus atroflavus	35190	Tigriomis leucolophus
33480	Nectarinia batesi	34340	Pogoniulus bilineatus	35200	Tockus camurus
33490	Nectarinia bouvieri	34350	Pogoniulus chrysoconus	35210	Tockus erythrorhynchus
33500	Nectarinia chloropygia	34360	Pogoniulus coryphaeus	35220	Tockus fasciatus
33510	Nectarinia coccinigaster	34370	Pogoniulus pusillus	35230	Tockus hartlaubi
33520	Nectarinia cuprea	34380	Pogoniulus scolopaceus	35240	Trachyphonus margaritatus
33530	Nectarinia cyanolaema	34390	Pogoniulus subsulphureus	35250	Trachyphonus purpuratus
33540	Nectarinia fuliginosa	34400	Poicephalus gulielmi	35260	Treron calva
33550	Nectarinia johannae	34410	Poicephalus robustus	35270	Tricholaema hirsuta
33560	Nectarinia minulla	34420	Poicephalus senegalus	35280	Trigonoceps occipitalis
33570	Nectarinia olivacea (=25200 C.o.)	34430	Polemaetus bellicosus	35290	Trochocercus nitens
33580	Nectarinia oritis	34440	Poliolais lopezi	35300	Tropicranus albocristatus
33590	Nectarinia preussi	34450	Polypboroides typus	35310	Turdoidea plebejus
33600	Nectarinia reichenbachii	34460	Prinia fluviatilis	35320	Turdoidea reinwardtii
33610	Nectarinia rubescens	34470	Prinia subflava	35330	Turnix nana
33620	Nectarinia seimundi	34480	Prionops caniceps	35340	Turtur abyssinicus
33630	Nectarinia senegalensis	34490	Prodotoscus insignis	35350	Turtur brehmeri
33640	Nectarinia superba	34500	Prodotoscus regulus	35360	Turtur tympanistria
33650	Nectarinia venusta	34510	Psalidoprocne fuliginosa	35370	Upupa africana (= 08467 U.e.a.)
33660	Nectarinia verticalis	34520	Psalidoprocne holomelas	35380	Urocolius macrourus
33670	Neocossyphus finschii	34530	Psalidoprocne nitens	35390	Urolais epichlora
33680	Neocossyphus fraseri	34540	Psalidoprocne obscura	35400	Urotrochichis macrourus
33690	Neocossyphus poensis	34550	Pseudhirundo griseopyga	35410	Vanellus crassirostris
33700	Neocossyphus rufus	34560	Pseudoalcippe abyssinica	35420	Vanellus lugubris
33710	Neotis nuba	34570	Psittacus erithacus	35430	Vanellus senegallus
33720	Nesocharis capistrata	34580	Pternistis achantensis	35440	Vanellus superciliosus
33730	Nesocharis shelleyi	34590	Pternistis bicalcaratus	35450	Vanellus tectus
33740	Nigrita bicolor	34600	Pternistis clappertoni	35460	Vidua chalybeata
33750	Nigrita canicapilla	34610	Pternistis squamatus	35470	Vidua funerea
33760	Nigrita fusconota	34620	Pterocles quadricinctus	35480	Vidua interjecta
33770	Nigrita luteifrons	34630	Pteronetta hartlaubi	35490	Vidua larvaticola
33780	Nilaus afer	34640	Ptilopachus petrosus	35500	Vidua maryae
33790	Oenanthe heuglini	34650	Ptilostomus afer	35510	Vidua nigeriae
33800	Onychognathus fulgidus	34660	Pyrenestes erithacus	35520	Vidua paradisaea
33810	Onychognathus morio	34670	Pyrrhurus scandens	35530	Vidua raricola
33820	Onychognathus walleri	34680	Pytilia hypogrammica	35540	Vidua wilsoni
33830	Oriolus auratus	34690	Pytilia melba	35550	Zoothera crossleyi
33840	Oriolus brachyrhynchus	34700	Pytilia phoenicoptera	35560	Zoothera princei
33850	Oriolus nigripennis	34710	Rhaphidura sabini	35570	Zosterops senegalensis
33860	Ortygospiza atricollis	34720	Rhinopomastus aterrimus	99999	Ring destroyed or lost
33870	Ortyxelos meiffrenii	34730	Rhinoptilus chalcopterus		
33880	Otus leucotis	34740	Riparia cincta		
33890	Otus senegalensis	34750	Sagittarius serpentarius		
33900	Pachycoccyx audeberti	34760	Salpornis spilonotus		
33910	Pachyphantes superciliosus	34770	Sarkidiomis melanotos		
33920	Parmoptila woodhousei	34780	Sarothrura boehmi		
33930	Parus albinervis	34790	Sarothrura elegans		
33940	Parus leucomelas	34800	Sarothrura pulchra		
33950	Peliperdix albogularis	34810	Sarothrura rufa		
33960	Peliperdix coqui	34820	Schoenicola brevirostris		
33970	Peliperdix lathamii	34830	Scotopelia bouvieri		
33980	Phoeniculus bollei	34840	Scotopelia peli		
33990	Phoeniculus castaneiceps	34850	Serinus burtoni		
34000	Phoeniculus purpureus	34860	Serinus gularis		
34010	Pholidornis rushiae	34870	Serinus leucopygius		
34020	Phyllanthus atripennis	34880	Serinus mozambicus		
34030	Phyllastrephus baumanni	34890	Sheppardia cyornithopsis		
34040	Phyllastrephus icterinus	34900	Smithornis capensis		
34050	Phyllastrephus poensis	34910	Smithornis rufolateralis		
34060	Phyllastrephus poliocephalus	34920	Smithornis sharpei		
34070	Phyllastrephus xavieri	34930	Spermestes bicolor		
34080	Phylloscopus pulchella	34940	Spermestes cucullatus		
34090	Phylloscopus herberti	34950	Spermestes fringilloides		
34100	Picathartes oreas	34960	Spiloptila clamans		
34110	Pinarocorys erythropygia	34970	Spizaetus africanus		
34120	Pitta angolensis	34980	Sporopipes frontalis		
34130	Platalea alba	34990	Sterna balaenarum		
34140	Platysteira blissetti	35000	Streptopelia decipiens		
34150	Platysteira castanea	35010	Streptopelia hypopyrrha		
34160	Platysteira concreta	35020	Strix woodfordii		
34170	Plocepasser superciliosus	35030	Sylvietta denti		
34180	Ploceus albinucha	35040	Tachymarpis aequatorialis		
34190	Ploceus aurantius	35050	Tauraco leucolophus		
34200	Ploceus baglafaecht	35060	Tauraco macrorhynchus		
34210	Ploceus bannermani	35070	Tauraco persa		
34220	Ploceus bicolor	35080	Tchagra australis		

MANIPULATED

alphabetic, one column (3Ø)

The options are presented in the order: the most important first.

- H Hand reared.
- K Fledging provoked.
- C Captive for more than 24 hours (code date of release).
- F Transported (more than 1Økm) FROM co-ordinates coded.
- T Transported (more than 1Økm) TO co-ordinates coded.
- M Manipulated (injection, biopsy, radio- or satellite telemetry etc.).
- R *Ringing accident.
- P *Poor condition when caught.
- N Normal, not manipulated bird.
- U Unknown if manipulated or not.

***NOTE.**

Code R to be used where ringing has caused injury to bird and code P where the bird was already in poor condition when it was caught. Note that accidental loss of more than half the rectrices should cause these codes to be used but not if the loss was during the normal course of the birds moult.

If more than one of these codes applies to any bird, the appropriate code furthest up the list should be used.

MOVED BEFORE THE CAPTURE / RECAPTURE / RECOVERY

numeric, one column (31)

- 6 Moved by water (e.g. found on shoreline).
- 4 Moved intentionally by man.
- 2 Moved unintentionally by man or other agency.
- Ø Not moved.

NB. The movement indicated by these codes is that which has happened before the capture / recapture / recovery has been reported and indicates that the bird may have last been alive in the wild state at some place other than the capture / recapture / recovery locality coded.

MOVED BY WATER. This category will not only include birds floating down river or drifting in the tide at sea, but also corpses found stranded on the tide-line, found in flotsam inland after floods or found on the shore of large lakes (big enough for there to have possibly been significant displacement of the body after death).

MOVED INTENTIONALLY BY MAN will include caged birds offered for sale in markets or shot game birds offered for sale where it is not possible to discover where they were caught or killed. It should also be used for ring or ring and leg (Ø2 and Ø3 respectively in the field "circumstances") found in circumstances where it is obvious that they have been moved by man intentionally (e.g. in a Post Office, in a drawer).

MOVED BY OTHER AGENCY will most commonly be used for unintentional movement by man when the bird has been struck by and stuck in a moving vehicle. However it can be used for birds killed by predators where they may have moved their (ringed) prey a significant distance.

CATCHING METHOD

alphabetic, one column (32)

- (one 'hyphen') not applicable, because there was no catching at all (for example 'found' or 'found dead' or 'shot')
- Z unknown
- M **M**ist net
- C **C**annon net or rocket net
- D **D**azzling
- W passive **W**alk-in / maze trap
- A **A**ctively triggered trap (by ringer)
- B trap automatically triggered by **B**ird
- L **cL**ap net
- P **P**hut net
- T Helgoland **T**rap or duck decoy
- H by **H**and (with or without hook, noose etc.)
- N on **N**est (any method)
- R **R**ound up whilst flightless
- F caught in **F**light by anything other than a static mist net (e.g. flicked)
- V roosting in **caV**ity
- S ball-chatri or other **S**nare device
- U Dutch net for *PIU*vialis *apricaria*
- G Nets put just under the water's surface and lifted up as waterfowl (ducks, **G**rebes, divers) swim over it
- O any **O**ther system (the alphabetic character "O")

CATCHING LURES

alphabetic, one column (33)

- (one 'hyphen') not applicable, because there was no catching lures at all (for example 'found' or 'found dead' or 'shot')
- U unknown or not coded
- A food
- B water
- C light
- D decoy birds (alive)
- E decoy birds (stuffed specimens or artificial decoy)
- F sound from tape recorder (same species)
- G sound from tape recorder (other species)
- H sound from mechanical whistle

- M more than one lure used
- N definitely no lure used

SEX, as mentioned by the person who handled the bird.

alphabetic, one column (34)

U Unknown
M Male
F Female

SEX, as concluded by the Scheme.

alphabetic, one column (35)

Coding this field is the same as in the previous field.

NOTE.

The importance of this field is to confirm if the Scheme considers the sex, given by the person who handled the bird, is correct or not.

AGE, as mentioned by the person who handled the bird.

alphanumeric, one column (36)

- Ø 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 2nd year: a bird hatched last calendar year and now in its second calendar year.
 - 6 After 2nd year: full-grown bird hatched before last calendar year; year of birth otherwise unknown.
 - 7 3rd year: a bird hatched two calendar years before, and now in its third calendar year.
 - 8 After 3rd year: a full-grown bird hatched more than three calendar years ago (including present year as one); year if bird otherwise unknown.
 - 9 4th year: a bird hatched three calendar years before, and now in its fourth calendar year.
- A After 4th year: a bird older than category 9 - age otherwise unknown.
B 5th year: one year older than category 9 - age known exactly to the year. C, D, E, F, G, H, J, K, L, etc. onwards *et seq.*

N.B. Because the calendar year is used throughout this coding system all birds change code overnight on December 31st - January 1st. In fact every bird from 2 and onwards has two added to the age because a bird identifiable at the end of December as 'First-year' (code 3) will, at the beginning of January be 'Second-year' (code 5) and so on.

The principle is simply understood by considering the codes for a fully grown bird caught during 1978, see below. The top line gives the year indicated by the code, the second line the code for a bird definitely hatched in that calendar year and trapped and aged in 1978, the third (bottom line) the code for a bird of unknown age except that it was hatched not later than that year.

1978	1977	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966
3	5	7	9	B	D	F	H	K	M	P	R	T
2	4	6	8	A	C	E	G	J	L	N	Q	S

Although only a minority of species can be aged into the alphabetic codes provided, it is felt helpful to have the EURING age code extended to be able to express age on recapture of birds which have been ringed in earlier years.

AGE, as concluded by the Scheme.

alphanumeric, one column (37)

Coding this field is the same as in the previous field.

NOTE.

The importance of this field is to confirm if the Scheme considers the age, given by the person

who handled the bird, is correct or not. Don't calculate the age: on a recapture it's not a 5 calendar-year because you know the bird was ringed as a pullus.

STATUS

alphabetic, one column (38)

Status of full grown bird:

- bird not full grown (one 'hyphen')
- U **U**nknown or unrecorded.
- N **N**esting or Breeding.
- R **R**oosting assemblage.
- K In Colony (not necessarily breeding but not pullus).
- M **M**oulting assemblage (whether bird moulting or not).
- T **M**oul**T**ing.
- L Apparently a **L**ocal bird, but not breeding.
- W Apparently a bird **W**intering in the locality.
- P On **P**assage - certainly not a local breeding nor wintering bird (includes birds attracted to lighthouses).
- S At **S**ea - birds on boats, lightships or oil rigs.

NOTE.

Do code U (unknown or unrecorded) unless you are 100% sure about the status. Don't make conclusions based on "I do come here often and the birds always behave in that way".

BROODSIZE *only for records of nestlings*

alphanumeric, two columns (39 - 4Ø)

- bird is not a nestling (twice a 'hyphen')
- ØØ unknown, not coded.
- Ø1 1 chick in the nest.
- Ø2 2 chicks in the nest.
- 12 12 chicks in the nest.

more than 50 means chicks in a mixed brood.

65 15 (=65-50) chicks in the nest from definitely more than one female.

68 18 (=68-50) chicks in the nest from definitely more than one female.

99 chicks present but exact number in brood unknown.

Warning.

The biologically important information is the number of young alive at the time of ringing, and it must be emphasised to the ringers working in the field that it is this information that is required and NOT the number of young from the brood which happen to have been ringed.

PULLUS AGE

alphanumeric, two columns (41 - 42)

-- bird is not a pullus (twice a 'hyphen')
99 pullus age not recorded

ØØ pullus age Ø days.
Ø1 pullus age 1 day.
Ø6 pullus age 6 days.
13 pullus age 13 days.
44 pullus age 44 days.

For accuracy of pullus age see the next column.

ACCURACY of PULLUS AGE

alphanumeric, one column (43)

- bird is not a pullus (a 'hyphen').

- Ø accurate to the day.
- 1 accurate to within 1 day either side of day coded.
- 2 accurate to within 2 days either side of day coded.
- 3 accurate to within 3 days either side of day coded.
- 4 accurate to within 4 days either side of day coded.
- 5 accurate to within 5 days either side of day coded.
- 6 accurate to within 6 days either side of day coded.
- 7 accurate to within 7 days either side of day coded.
- 8 accurate to within 8 days either side of day coded.
- 9 accurate to within 9 days either side of day coded.

- U unrecorded / not known

DATE

numeric, eight columns (44 - 51)

The date in days, months and years to be coded as follows:

		ddmmyyyy
1 st	January 1977	01011977
5 st	September 2013	05092013
17 th	June 1949	17061949
30 th	March 1965	30031965
15 th	October 1923	15101923
29 th	August 1949	29081949
2 th	July 2008	02072008
30 th	December 1977	30121977
29 th	May 2002	29052002
9 th	November 1896	09111896
18 th	February 2102	18022102

NOTE.

Any inaccuracy of date is indicated by the contents of the column concerning accuracy of date. An estimated real date should always be entered in these eight columns.

Do **not** code: --021999 when the day in February 1999 is not known, in that case code 15021999 and accuracy of date = '4'.

ACCURACY of DATE

numeric, one column (52)

- Ø Accurate to the day.
- 1 Accurate to within 1 day either side of date coded.
- 2 Accurate to within 3 days either side of date coded.
- 3 Accurate to within 1 week either side of date coded.
- 4 Accurate to within 2 weeks either side of date coded.
- 5 Accurate to within 6 weeks either side of date coded.
- 6 Accurate to within 3 months either side of date coded.
- 7 Accurate to within 6 months either side of date coded.
- 8 Accurate to within some years only.*
- 9 Date of issue of ring or other earliest possible use of ring (only for record no.1 = old fashioned ringing details) **or**,
date of recovery report (either on letter or postmark) **or**,
date of finding coded, but bird long dead, found mummified, ring in owl pellet, hunters collection etc. (may be used even if ringing date within the previous 6 months).

* Code inaccuracy 8 when time of year given but actual year in doubt: e.g. 'Found over Christmas either 1974 or 1975' should be coded 8 in this column and 25 12 1974 as date, rather than 7 in this column and 25 Ø6 1975.

Note that codes 2-8 should be used to indicate lack of accuracy in the reporting letter - e.g. 'I found this bird about three weeks ago' and NEVER because of the finders estimate - e.g. 'it looked as though it had been dead for about three weeks'.

Exact coding of inaccurate dates will depend on exactly what is said by the finder and whether the date to be coded is recent or not. For example 'End of September' might be 27.9 accuracy 2 if the letter was received early in October but 25.9 accuracy 3 if it was written in December.

TIME

alphabetic and numeric, four columns (53 - 56)

The actual time of the day in hours and minutes, according to a **24 hour clock** in **local time**:
0000, 0948, 1556, 2359 etc.

When you analyse data be aware of summer- and wintertime in some countries.

When not coded or unknown: ----

When only the hour of the day is known:

Time	Code	Time	Code	Time	Code
0000-0059	00--	0800-0859	08--	1600-1659	16--
0100-0159	01--	0900-0959	09--	1700-1759	17--
0200-0259	02--	1000-1059	10--	1800-1859	18--
0300-0359	03--	1100-1159	11--	1900-1959	19--
0400-0459	04--	1200-1259	12--	2000-2059	20--
0500-0559	05--	1300-1359	13--	2100-2159	21--
0600-0659	06--	1400-1459	14--	2200-2259	22--
0700-0759	07--	1500-1559	15--	2300-2459	23--

PLACE CODE

four columns (57 - 60), two alphabetic (57 - 58), two alphanumeric (59 - 60)

FIRST PAIR OF CHARACTERS identifying the country.

SECOND PAIR OF CHARACTERS identifying the sub-division of the country.

These are either alphabetic or numeric. Numeric codes follow the established final two digits of the original code in almost all cases.

When possible all spellings of the names of countries and provinces refer to “*The Times Comprehensive Atlas of the World. Tenth edition 1999, reprint with changes 2000. Times Books, 77-85 Fulham Place Road, London W6 8JB, ISBN 0-7230-0792-6*”, in this publication always referred as “the Times Atlas”. All boundaries are also taken from this atlas, unless otherwise noted.

When the area within a country is not known, eg. bird reported in “The Netherlands”, then “-” should be coded in the third and fourth column, NOT “00” as this often means a specific part of the country concerned.

NUMERIC EQUIVALENTS and old place codes.

Numeric equivalents are not given in this code. Old (numeric) place codes can be found in the ‘*EURING Code Manual*’ (1966) and in the ‘*Code Manual New EURING*’ (1979). Both are available on the EURING website (www.euring.org) and on the website of Vogeltrekstation Arnhem (www.vogeltrekstation.nl).

INTERNET GAZETTEERS.

There are internet sites where you can search for geographical names and their coordinates. An old-fashioned word is “gazetteers”. A few of those sites are given here, but please remember: websites are like birds, they come and go unexpectedly.

<http://geonames.nrcan.gc.ca/english/>

<http://www.heavens-above.com/>

<http://mapping.usgs.gov/www/gnis/>

<http://www.maporama.com/share/>

<http://www.multimap.com/>

<http://www.nima.mil/>

<http://calle.com/>

<http://www.postleitzahl.org/>

<http://www.find.dk/>

<http://www.kortal.dk/>

<http://www.krak.dk/>

<http://tdc.dk/>

If you did find a website not mentioned above (or found mistakes), you will do your colleagues a pleasure to send an e-mail to g.speek@nioo.knaw.nl . That website will be added to the list.

UPDATING THE FIELD PLACE CODE.

Whenever you can't find a country code in this list please contact g.speek@nioo.knaw.nl . When the authors do update the field Place Code, as much as possible the "ISO 3166 country code" is followed.

Changes to country-coding (September 1999):

Armenia (AEØØ) is a new country from the former USSR,
Azerbaijan is a new country from the former USSR,
Belarus is a new country from the former USSR,
Bosnia and Herzegovina (BHØØ) is a new country from the former Yugoslavia,
Croatia is a new country from the former Yugoslavia,
Czech Republic is a new country from the former Czechoslovakia,
Estonia is a new country from the former USSR,
Georgia is a new country from the former USSR,
Germany is a new country: former Federal Republic of Germany and the former German Democratic Republic are now combined,
Ifni (UJØØ) is now included in Western Sahara
Islas de Canarias see Spain (+HCN removed, now ES8-).
Kazakhstan is a new country from the former USSR,
Kyrgyzstan is a new country from the former USSR,
Latvia is a new country from the former USSR,
Lithuania is a new country from the former USSR,
Macedonia is a new country from the former Yugoslavia,
Moldova is a new country from the former USSR,
Russian Federation is a new country from the former USSR,
Slovakia is a new country from the former Czechoslovakia,
Slovenia is a new country from the former Yugoslavia,
Tangier (DJØØ) is now a city inside Morocco (MAØØ),
Tajikistan is a new country from the former USSR,
Turkmenistan is a new country from the former USSR,
Ukraine is a new country from the former USSR,
Uzbekistan is a new country from the former USSR,
Yugoslavia is now minus Croatia, Bosnia and Herzegovina and Macedonia.

Changes to country-coding (Februari 2005):

Eritrea is now a new country (former belonging to Ethiopia).

COUNTRIES in alphabetic order.

Ø= the number zero;
O= the alphabetic character o.

Aden AIØØ
 Afghanistan GNØØ
 Albania ABØØ
 Algeria AG--
 Andorra EKØØ *
 Andorra EK23 *
 Angola ALØØ
 Antarctica ANØØ
 Antilles Lesser LAØØ
 Arctic Ocean -AØØ
 Arctic Ocean (islands) +AØØ
 Argentina BJØØ
 Armenia AEØØ
 Australia AA--
 Austria AU--
 Azerbaijan AK--
 Azores +HAZ
 Bahamas TJØØ
 Bahrain & Qatar AZØØ
 Baltic Sea -EØØ
 Baltic Sea (islands) +EØØ
 Bangladesh RNØØ
 Bear Island +ABI
 Belarus BY--
 Belgium BL--
 Belize CABA
 Benin (formerly Dahomey) XYØØ
 Bermuda +HBE
 Bhutan QAØØ
 Bioco (formerly Fernando Poo) YHØØ
 Biscay, Bay of -DØØ
 Biscay, Bay of (islands) +DØØ
 Black Sea -GØØ
 Black Sea (islands) +GØØ
 Bolivia SABA
 Borneo Island OVØØ
 Bosnia and Herzegovina BHØØ
 Botswana WGØØ
 Brazil BAØØ
 British Indian Ocean Territories IOØØ
 Bulgaria BG--
 Burkina (formerly Upper Volta) VUØØ
 Burma see Myanmar
 Burundi PXØØ
 Cambodia FNCA
 Cameroon QQØØ
 Canada EA--
 Cape Verde Islands +HCV
 Caspian Sea -GØØ
 Caspian Sea (islands) +GØØ
 Central African Republic QHØØ
 Central American Countries CAØØ
 Ceuta DAØØ
 Chad FTØØ
 Channel Islands see UK
 Chile KAØØ
 China CP--
 Colombia SACA
 Comoros KMØØ
 Congo (Congo Brazzaville) YYØØ
 Costa Rica CACA
 Côte d'Ivoire PYØØ
 Croatia HR--
 Cuba CJCA
 Cyprus CYØØ

Czech Republic CZ--
 Dahomey see Benin
 Dem. Rep. of Congo (Zaire) ZIØØ
 Denmark DK--
 Djibouti EYØØ
 Dominican Republic LJDA
 Ecuador SAEA
 Egypt EGØØ
 Eire see Ireland
 El Salvador CAEA
 England see UK
 English Channel -CØØ
 English Channel (islands) +CØØ
 Equatorial Guinea YQØØ
 Eritrea EVØØ
 Estonia ETØØ
 Ethiopia EQØØ
 Falkland Islands FKØØ
 Faroe Islands see Denmark
 Fernando Poo see Bioco
 Finland SF--
 France FR--
 French Guiana GFØØ
 French Southern Territories (Crozet Islands, Kerguelén, St. Paul, Amsterdam Island) TFØØ
 Gabon QYØØ
 Gambia, The VMØØ
 Georgia GE--
 Germany DE--
 Ghana GHØØ
 Gibraltar see UK
 Great Britain see UK
 Greece GR--
 Greenland see Denmark
 Guatemala CAGA
 Guinea Bissau GQØØ
 Guinea GYØØ
 Guinea Islands HHØØ
 Guyana SAGA
 Haiti LJHA
 Honduras CAHA
 Hong Kong CGØØ
 Hrvatska see Croatia
 Hungary HG--
 Iceland IS--
 India IN--
 Indian Ocean -JØØ
 Indian Ocean (islands) +JØØ
 Indonesia ONØØ
 Iran IPØØ
 Iraq IQØØ
 Ireland ER--
 Irish Sea -CØØ
 Irish Sea (islands) +CØØ
 Israel ILØØ
 Italy IA--
 Ivory Coast see Côte d'Ivoire
 Jamaica CJJA
 Jan Mayen +AJM
 Japan JHØØ
 Jordan JOØØ
 Kazakhstan KZ--
 Kenya GPØØ
 Korea North TPØØ
 Korea South TXØØ
 Kuwait JIØØ
 Kyrgyzstan KI--
 Laos FNLA

Latvia LVØØ
 Lebanon LEØØ
 Lesotho FGØØ
 Liberia PQØØ
 Libya LTØØ
 Liechtenstein AMØØ
 Lithuania LIØØ
 Luxembourg KNØØ *
 Luxembourg KN29 *
 Macedonia MKØØ
 Madagascar MGØØ
 Malawi MYØØ
 Malaysia FVMA
 Maldives MVØØ
 Mali EMØØ
 Malta MLØØ
 Mauritania NMØØ
 Mauritius (incl. Rodrigues Island) MUØØ
 Mayotte YTØØ
 Mediterranean -FØØ
 Mediterranean (islands) +FØØ
 Melilla MJØØ
 Mexico TAØØ
 Moldova MDØØ
 Monaco WR8Ø
 Mongolia MNØØ
 Morocco MAØØ
 Mozambique MQØØ
 Myanmar FEØØ
 Namibia FMØØ
 Nepal HJØØ
 Netherlands NL--
 New Guinea WEØØ
 New Zealand AJ--
 Nicaragua CANA
 Niger NEØØ
 Nigeria NVØØ
 North Atlantic Ocean -HØØ
 North Atlantic Ocean (islands) +HØØ
 North Korea TPØØ
 North Sea -BØØ
 North Sea (islands) +BØØ
 Northern Ireland see UK
 Norway NO--
 Oman OMØØ
 Other Oceans -IØØ
 Other Oceans (islands) +IØØ
 Pakistan PNØØ
 Panama CAPA
 Paraguay SAPA
 Peru KJØØ
 Philippines OEØØ
 Poland PL--
 Portugal PO--
 Puerto Rico LJPA
 Reunion REØØ
 Rio de Oro see Western Sahara
 Romania RO--
 Russian Federation RU--
 Rwanda PPØØ
 San Marino ZA33
 Saudi Arabia ARØØ
 Scotland see UK
 Seychelles SCØØ
 Senegal NUØØ
 Sierra Leone PHØØ
 Sikkim QJØØ
 Singapore FVSA
 Slovakia SK--

Slovenia SL00
Socotra see Suqutra
Somalia YS00
South Africa FP--
South Korea TX00
Spain ES--
Spanish W. Africa see Western Sahara
Sri Lanka ZE00
Sudan SS00
Suqutra YB00
Suriname SR00
Svalbard +ASV
Swaziland WP00
Sweden SV--
Switzerland HE--
Syria SY00
Taiwan CX00
Tajikistan TD--
Tanzania HT00
Tchad see Chad
Thailand FNTA
Tibet see China HA00
Togo XH00
Tunisia TO00
Turkey TU00
Turkmenistan TM--
Uganda GG00
UK GB--
Ukraine UK--
United Arab Emirates JR00
Upper Volta, Haute Volta see Burkina
Uruguay SAUA
USA NA--
Uzbekistan UZ--
Vatican City see Italy
Venezuela SJ00
Vietnam FNVA
Wales see UK
Western Sahara ND00
Yemen JZ00
Yugoslavia YU--
Zaire see Democratic Republic of
Congo
Zambia ZM00
Zanzibar & Pemba QC00
Zimbabwe WS00

* see below: "all countries, in alphabetic
order"

TWO LETTER PLACE CODEin **alphabetic order**.

Ø= the number zero;

O= the alphabetic character o.

-AØØ	Arctic Ocean	ES--	Spain	NBØØ	Gibraltar
-BØØ	North Sea	ETØØ	Estonia	NB6Ø	Gibraltar
-CØØ	English Channel and Irish Sea	EVØØ	Eritrea	NDØØ	Western Sahara
-DØØ	Bay of Biscay	EYØØ	Djibouti	NEØØ	Niger
-EØØ	Baltic Sea	FA--	Faroe Islands	NL--	The Netherlands
-FØØ	Mediterranean Sea	FEØØ	Myanmar	NMØØ	Mauritania
-GØØ	Black and Caspian Seas	FGØØ	Lesotho	NO--	Norway
-HØØ	North Atlantic Ocean	FKØØ	Falkland Islands	NUØØ	Senegal
-IØØ	Other Oceans	FMØØ	Namibia	NVØØ	Nigeria
-JØØ	Indian Ocean	FN--	S.E.Asia	OEØØ	Philippines
+ABI	Bear Island	FP--	Republic of South Africa	OMØØ	Oman
+AJM	Jan Mayen	FR--	France	ONØØ	Indonesia
+AØØ	islands in Arctic Ocean	FTØØ	Chad	OVØØ	Borneo Islands
+ASV	Svalbard	FV--	Malaysia/Singapore	PHØØ	Sierra Leone
+BØØ	islands in North Sea	GB--	UK	PIØØ	Pacific Islands
+CØØ	islands in Engl. Ch. + Irish Sea	GD--	Greenland	PL--	Poland
+DØØ	islands in Bay of Biscay	GE--	Georgia	PNØØ	Pakistan
+EØØ	islands in Baltic Sea	GFØØ	French Guiana	PO--	Portugal
+FØØ	islands in Mediterranean	GGØØ	Uganda	PPØØ	Rwanda
+GØØ	islands in Bl. + Caspian Seas	GHØØ	Ghana	PQØØ	Liberia
+HAZ	Azores	GNØØ	Afghanistan	PXØØ	Burundi
+HBE	Bermuda	GPØØ	Kenya	PYØØ	Côte d'Ivoire
+HCV	Cape Verde Islands	GQØØ	Guinea Bissau	QAØØ	Bhutan
+HØØ	islands in North Atlantic Ocean	GR--	Greece	QCØØ	Zanzibar & Pemba
+IØØ	islands in Other Oceans	GYØØ	Guinea	QHØØ	Central African Republic
+JØØ	islands in Indian Ocean	HAØØ	Tibet (see China)	QJØØ	Sikkim
AA--	Australia	HE--	Switzerland	QQØØ	Cameroon
ABØØ	Albania	HG--	Hungary	QYØØ	Gabon
AEØØ	Armenia	HHØØ	Guinea Islands	RA48	Vatican City
AG--	Algeria	HJØØ	Nepal	REØØ	Reunion
AIØØ	Aden	HR--	Croatia	RNØØ	Bangladesh
AJ--	New Zealand	HTØØ	Tanzania	RO--	Romania
AK--	Azerbaijan	IA--	Italy	RU--	Russian Federation
ALØØ	Angola	ILØØ	Israel	SA--	South America
AMØØ	Liechtenstein	IN--	India	SCØØ	Seychelles
ANØØ	Antarctica	IOØØ	British Indian Ocean Territories	SF--	Finland
ARØØ	Saudi Arabia	IPØØ	Iran	SJØØ	Venezuela
AU--	Austria	IQØØ	Iraq	SK--	Slovakia
AZØØ	Bahrain & Qatar	IS--	Iceland	SLØØ	Slovenia
BAØØ	Brazil	JHØØ	Japan	SRØØ	Suriname
BG--	Bulgaria	JIØØ	Kuwait	SSØØ	Sudan
BHØØ	Bosnia and Herzegovina	JOØØ	Jordan	SV--	Sweden
BJØØ	Argentina	JRØØ	United Arab Emirates	SYØØ	Syria
BL--	Belgium	JZØØ	Yemen	TAØØ	Mexico
BY--	Belarus	KAØØ	Chile	TD--	Tajikistan
CA--	Central America	KI--	Kyrgyzstan	TFØØ	French Southern Territories (Crozet Islands, Kerguelén, St. Paul, Amsterdam Island)
CGØØ	Hong Kong	KJØØ	Peru	TJØØ	Bahamas
CI--	Channel Islands	KMØØ	Comoros	TM--	Turkmenistan
CJ--	Cuba/Jamaica	KNØØ	Luxembourg *	TOØØ	Tunisia
CP--	China	KN29	Luxembourg *	TPØØ	North Korea
CXØØ	Taiwan	KZ--	Kazakhstan	TUØØ	Turkey
CYØØ	Cyprus	LAØØ	Lesser Antilles	TXØØ	South Korea
CZ--	Czech Republic	LEØØ	Lebanon	UK--	Ukraine
DAØØ	Ceuta	LIØØ	Lithuania	UZ--	Uzbekistan
DE--	Germany	LJ--	Caribbean	VAØØ	Alaska
DK--	Denmark	LTØØ	Libya	VMØØ	Gambia, The
EA--	Canada	LVØØ	Latvia	VUØØ	Burkina (formerly Upper Volta)
EGØØ	Egypt	MAØØ	Morocco	WEØØ	Papua New Guinea
EKØØ	Andorra *	MDØØ	Moldova	WGØØ	Botswana
EK23	Andorra *	MGØØ	Madagascar	WPØØ	Swaziland
EMØØ	Mali	MJØØ	Melilla	WR8Ø	Monaco
EQØØ	Ethiopia	MKØØ	Macedonia	WSØØ	Rhodesia (Zimbabwe)
ER--	Ireland	MLØØ	Malta	XHØØ	Togo
		MNØØ	Mongolia	XYØØ	Benin (formerly Dahomey)
		MQØØ	Mozambique	YBØØ	Suqutra
		MUØØ	Mauritius (incl. Rodrigues Isl.)	YHØØ	Bioco (formerly Fernando Poo)
		MVØØ	Maldives	YQØØ	Equatorial Guinea
		MYØØ	Malawi		
		NA--	United States of America		

YS00 Somalia
YT00 Mayotte
YU-- Yugoslavia
YY00 Congo (Congo Brazzaville)
ZA33 San Marino
ZE00 Sri Lanka
ZI00 Dem. Rep. of Congo (Zaire)
ZM00 Zambia

* see below: "all countries, in alphabetic order"

ALL COUNTRIES, in alphabetic order.

Ø = the number zero;

O = the alphabetic character as in “Oslo”.

Exceptions: there are a few names of place-codes in Danmark and Norway with the character Ø.

NOTE:

When a place code has been changed, the ‘Code Manual New EURING’ (1979) is added between brackets.

Example: BY25 (SU25) Minsk O.

Aden AIØØ

Afghanistan GNØØ

Albania ABØØ

ALGERIA

AG-- *Algeria*

AGAL Alger

AGOR Oran

AGCO Constantine

AGTS Other provinces

Andorra EKØØ

For reasons unknown until now (August 2002) Andorra was also coded as EK23 (see ‘Code Manual New Euring’ (1979) page 32 (EK23) and page 54 (EKØØ). It’s not wise to delete one of those two because probably both has been used. Similar to other country-coding it’s sensible to use only EKØØ.

Angola ALØØ

Antarctica ANØØ

Antilles, Lesser LAØØ

Argentina BJØØ

Armenia AEØØ

AUSTRALIA

AA-- *Australia*

AANS New South Wales

AANT Northern Territory

AAQU Queensland

AASA South Australia

AATA Tasmania

AAVI Victoria

AAWA Western Australia

AUSTRIA

AU--	Austria (provinces)	AUØ4	Salzburg
AUØØ	Burgenland	AUØ5	Steiermark
AUØ1	Kärnten	AUØ6	Tirol
AUØ2	Niederösterreich	AUØ7	Vorarlberg
AUØ3	Oberösterreich	AUØ8	Wien

AZERBAIJAN

AK--	(SU92) Azerbaijan
AKØ1	(SU92) Nagornyy Karabakh (Daliq Qarabag)

Azores see Portugal

Bahamas TJØØ

Bahrain & Qatar AZØØ

Bangladesh RNØØ

BELARUS

BY--	(SU2-) Belarus		
BY22	(SU22) Gomel O.	BY26	(SU26) Mogilev O.
BY2Ø	(SU2Ø) Brest O.	BY28	(SU28) Vitebsk O.
BY23	(SU23) Grodno O.	BY25	(SU25) Minsk O.

BELGIUM

BL--	Belgium (provinces)	BL24	Liège
BL2Ø	Antwerpen	BL25	Luxembourg
BL21	Brabant	BL26	Namur
BL22	Hainaut	BL27	Oost-Vlaanderen
BL23	Limburg	BL28	West-Vlaanderen

Belize CABA

Benin XYØØ (formerly Dahomey XQØØ)

Bhutan QAØØ

Bioco YHØØ

Bolivia SABA

Borneo Island OVØØ

Bosnia and Herzegovina BHØØ

Botswana WGØØ

Brazil BAØØ

British Indian Ocean Territories IOØØ

BULGARIA

BG-- *Bulgaria* (provinces)

BG7Ø	Blagoevgrad	BG76	Sofiya
	Burgas BG8Ø		Stalin (Varna) BG81
BG71	Khaskovo	BG77	Stara Zagora
BG72	Kolarovgrad (Shumen)	BG78	Turnovo
BG73	Pleven	BG79	Vratsa
BG74	Plovdiv	BG8Ø	Burgas } <i>Black Sea provinces</i>
BG75	Ruse	BG81	Stalin } <i>Black Sea provinces</i>

Burkina (formerly Upper Volta, Haute Volta) VUØØ

Burma see **Myanmar**

Burundi PXØØ

Cambodia FNCA

Cameroon QQØØ

CANADA

EA-- *Canada*

EAAL	Alberta	EANW	North West Territories
EABC	British Columbia	EANS	Nova Scotia
EALA	Labrador	EAON	Ontario
EAMA	Manitoba	EAPE	Prince Edward Island
EANB	New Brunswick	EAQU	Quebec
EANF	Newfoundland	EASA	Saskatchewan

Canary Islands see **Spain**

Central African Republic QHØØ

Central American Countries CAØØ

Ceuta DAØØ

Chad FTØØ

Channal Isles see **UK**

Chile KAØØ

CHINA

CHINESE STATES: the names of the Chinese states, autonomous regions (marked A.R. on the list) and municipalities are given in two forms below. The old form is that which will be found on maps (e.g. Times Atlas) but the new form is the one recently agreed as the standard transliteration from the

Chinese names.

CP-- China

	Old Form	New Form
CPAN	Anhwei	Anhui
CPCH	Chekiang	Zhejiang
CPTS	Chinghai (or Tsinghai)	Qinghai
CPFU	Fukien	Fujian
CPHK	Heilungkiang	Heilongjiang
CPHO	Honan	Henan
CPHP	Hopei (or Hopeh)	Hebei
CPHU	Hunan	Hunan
CPHI	Hupei (or Hupeh)	Hubei
CPIM	Inner Mongolia (AR)	Nei Mongol (AR)
CPKA	Kansu	Gansu
CPKI	Kiangsi	Jiangxi
CPKU	Kiangsu	Jiangsu
CPKR	Kirin	Jilin
CPKS	Kwangsi (Chuang AR)	Guangxi (Zhuang AR)
CPKG	Kwangtung	Guangdong
CPKW	Kweichow	Guizhou
CPLI	Liaoning	Liaoning
CPNH	Ningshia (Hui AR)	Ningxia (Hui AR)
CPPK	Peking (Municipality)	Beijing
CPSH	Shanghai (Municipality)	Shanghai
CPSA	Shansi	Shanxi
CPSG	Shantung	Shandong
CPSI	Shensi	Shaanxi
CPSK	Sinkiang (Uighur AR)	Xinjiang Uygur (AR)
CPSZ	Szechuan	Sichuan
CPTT	Tientsin (Municipality)	Tianjin
CPYU	Yunnan	Yunnan
HAØØ	Tibet	Tibet

Colombia SACA

Comoros KMØØ

Congo (formerly Congo Brazzaville) YYØØ

Costa Rica CACA

Côte d'Ivoire PYØØ

CROATIA

Previously part of the former Yugoslavia. The new place codes cannot be compared with the old place codes of Yugoslavia.

- HR-- Croatia**
 HRØ1 Central Croatia
 HRØ2 Eastern Croatia
 HRØ3 Mountain Croatia
 HRØ4 Northern Croatian Coast
 HRØ5 Southern Croatian Coast

According to a map taken from the book:
 Crkvencic, I. et al (1974): Geografija SR Hrvatske, Book 1, Skolska, Zagreb.

Still to do: fuller reference

- Cuba** CJCA
Cyprus CYØØ

CZECH REPUBLIC

Due to recent changes (on January 1, 2003) in regional systems the Czech Scheme uses the following coding system:

- CZ-- Czech Republic**
 CZ10 Jihočeský
 CZ11 Královéhradecký
 CZ12 Vysočina
 CZ13 Karlovarský
 CZ14 Liberecký
 CZ15 Pardubický
 CZ16 Plzeňský
 CZ17 Středočeský a Praha
 CZ18 Ústecký
 CZ22 Jihomoravský
 CZ23 Zlínský
 CZ26 Olomoucký
 CZ27 Moravskoslezský

*In 2ØØ1 and 2ØØ2 the Czech Republic uses this system of place coding:
 (For older place code: see below)*

Sorted on Code		Sorted on District	
CZ--	Czech Republic	CZ--	Czech Republic
CZAA	Praha	CZBN	Benesova
CZBE	Beroun	CZBE	Beroun
CZBK	Blansko	CZBK	Blansko
CZBM	Brno-mesto	CZBV	Breclav
CZBN	Benesova	CZBM	Brno-mesto
CZBO	Brno-venko	CZBO	Brno-venko
CZBR	Bruntal	CZBR	Bruntal
CZBV	Breclav	CZCL	Ceska Lipa
CZCB	Ceske Budejovice	CZCB	Ceske Budejovice
CZCH	Cheb	CZCK	Cesky Krumlov

CZCK	CeskyKrumlov	CZCH	Cheb
CZCL	CeskaLipa	CZCV	Chomutov
CZCR	Chrudim	CZCR	Chrudim
CZCV	Chomutov	CZDC	Decin
CZDC	Decin	CZDO	Domazlice
CZDO	Domazlice	CZFM	Frydek Mistek
CZFM	Frydek Mistek	CZHB	Havlickuv Brod
CZHB	Havlickuv Brod	CZHO	Hodonin
CZHK	Hradec Kralove	CZHK	Hradec Kralove
CZHO	Hodonin	CZJN	Jablonec nad Nisou
CZJC	Jicin	CZJE	Jesenik
CZJE	Jesenik	CZJC	Jicin
CZJH	Jindrichhuv Hradec	CZJI	Jihlava
CZJI	Jihlava	CZJH	Jindrichhuv Hradec
CZJN	Jablonec nad Nisou	CZKV	Karlovy Vary
CZKA	Karvina	CZKA	Karvina
CZKH	Kutna Hora	CZKL	Kladno
CZKL	Kladno	CZKT	Klatovy
CZKM	Kromeriz	CZKO	Kolin
CZKO	Kolin	CZKM	Kromeriz
CZKT	Klatovy	CZKH	Kutna Hora
CZKV	Karlovy Vary	CZLI	Liberec
CZLI	Liberec	CZLT	Litomerice
CZLN	Louny	CZLN	Louny
CZLT	Litomerice	CZME	Melnik
CZMB	Mlada Boleslav	CZMB	Mlada Boleslav
CZME	Melnik	CZMO	Most
CZMO	Most	CZNA	Nachod
CZNA	Nachod	CZNJ	Novy Jicin
CZNB	Nymburk	CZNB	Nymburk
CZNJ	Novy Jicin	CZOL	Olomouc
CZOL	Olomouc	CZOP	Opava
CZOP	Opava	CZOS	Ostrava
CZOS	Ostrava	CZPA	Pardubice
CZPA	Pardubice	CZPE	Pelhromov
CZPB	Pribram	CZPI	Pisek
CZPE	Pelhromov	CZPJ	Plzen-jih
CZPH	Praha-vychod	CZPM	Plzen-mesto
CZPI	Pisek	CZPS	Plzen-sever
CZPJ	Plzen-jih	CZPT	Prachatice
CZPM	Plzen-mesto	CZAA	Praha
CZPR	Prerov	CZPH	Praha-vychod
CZPS	Plzen-sever	CZPZ	Praha-zapad
CZPT	Prachatice	CZPR	Prerov
CZPV	Prostejov	CZPB	Pribram
CZPZ	Praha-zapad	CZPV	Prostejov
CZRA	Rakovnik	CZRA	Rakovnik
CZRK	Rychnov nad Kneznou	CZRO	Rokycany
CZRO	Rokycany	CZRK	Rychnov nad Kneznou
CZSM	Semily	CZSM	Semily
CZSO	Sokolov	CZSO	Sokolov
CZST	Strakonice	CZST	Strakonice
CZSU	Sumperk	CZSU	Sumperk
CZSY	Svitavy	CZSY	Svitavy
CZTA	Tabor	CZTA	Tabor
CZTC	Tachov	CZTC	Tachov
CZTP	Teplice	CZTP	Teplice
CZTR	Trebic	CZTR	Trebic
CZTU	Trutnov	CZTU	Trutnov
CZUH	Uherske Hradiste	CZUH	Uherske Hradiste
CZUL	Usti nad Labem	CZUL	Usti nad Labem
CZUO	Usti nad Orlici	CZUO	Usti nad Orlici
CZVS	Vsetin	CZVS	Vsetin
CZVY	Vyskov	CZVY	Vyskov
CZZL	Zlin	CZZR	Zdar nad Sazavou
CZZN	Znojmo	CZZL	Zlin
CZZR	Zdar nad Sazavou	CZZN	Znojmo

Still to do: map reference

Before 2001 this system was valid:

CZ-- (CS--)	Czech Republic (regions)		
CZ1- (CS1-)	Bohemia	CZ2- (CS2-)	Moravia
CZ10 (CS10)	Ceské Budejovice	CZ22 (CS22)	Brno (Brünn)
CZ11 (CS11)	Hradec Kralove	CZ23 (CS23)	Gottwaldov
CZ12 (CS12)	Jihlava	CZ26 (CS26)	Olomouc
CZ13 (CS13)	Karlovy Vary	CZ27 (CS27)	Ostrava
CZ14 (CS14)	Liberec		
CZ15 (CS15)	Pardubice		
CZ16 (CS16)	Plzen (Pilsen)		
CZ17 (CS17)	Praha		
CZ18 (CS18)	Usti nad Labem		

Dahomey (XQ00) see Benin

Democratic Republic of Congo ZI00

DENMARK

Boundaries from the map:

Danmark. Amter – kommuner – sogne. Kort-Og Matrikelstyrelsen. 1992.

Still to do: fuller reference

DK-- Denmark

Actual		Old (= 'Code Manual New EURING' (1979))
DK15	København	DK06
DK20	Frederiksborg	DK06
DK25	Roskilde	DK06
DK30	Vestsjælland	DK06
DK35	Storstrøm	DK04 and DK06 SE of 55.20N-11.30E
DK40	Bornholms	DK10
DK42	Fyn	DK01
DK50	Sønderjyllands	DK02 and DK07 S of 55.15N
DK55	Ribe	DK02 and DK07 N of 55.15N
DK60	Vejle	DK02
DK65	Ringkøbing	DK02
DK70	Århus	DK02 and DK00
DK76	Viborg	DK02
DK80	Nordjyllands	DK02 and DK03

FA-- Faroe Islands

FA01	Nordoyar
FA02	Eysturoya
FA03	Streymoy
FA04	Vága
FA05	Sandoy
FA06	Suduroy Nordari

FAØ7 Suduroy Sunnari

GD-- Greenland

GDØ1 Qasigiannquit
GDØ3 Aasiaat
GDØ5 Paamiut
GDØ7 Qeqertarsuaq
GDØ9 Nuuk
GD11 Sisimiut
GD13 Ivittuut
GD15 Ilulissat
GD17 Qaqortoq
GD19 Kangaatsiaq
GD21 Nanortalik
GD23 Narsaq
GD25 Maniitsoq
GD27 Uummannaq
GD29 Upernavik
GD41 Avanersuq
GD51 Tasiilaq
GD53 Illoqqortoormiut
GD61 Kommuneqarfiit avataanni

Djibouti EYØØ

Dominican Republic LJDA

Ecuador SAEA

Egypt EGØØ

Eire see Ireland

El Salvador CAEA

England see UK

Equatorial Guinea YQØØ

Eritrea EVØØ

Estonia ETØØ

Ethiopia EQØØ

Falkland Islands FKØØ

Faroe Islands see Denmark

Fernando Poo see Bioco

FINLAND

SF-- Finland (provinces)	SF84	Mikkeli (St. Michel)
Ahvenanmaa (Åland) SF9Ø	SF85	Oulu (Uleåborg)
SF8Ø Häme (Travastehus)	SF86	Turku-Pori (Åbo-Bjorneborg)
SF81 Kuopio	SF87	Uusimaa (Nyland)
SF82 Kymi (Kymmen)	SF88	Vaasa (Vasa)

SF83 Lappi (Lappland)

SF9Ø Ahvenanmaa (Åland)

FRANCE

Official French code for administrative divisions in brackets.

FR-- France

FRØ- *France, north-west*

FRØ1 Calvados (14)

FRØ2 Eure (27)

FRØ3 Manche (5Ø)

FRØ4 Mayenne (53)

FRØ5 Nord (59)

FRØ6 Orne (61)

FRØ7 Pas-de-Calais (62)

FRØ8 Seine-Maritime (76)

FRØ9 Somme (8Ø)

FR1- *France, north east*

FR1Ø Aisne (Ø2)

FR11 Ardennes (Ø8)

FR12 Bas-Rhin (67)

FR13 Haute-Marne (52)

FR14 Haut-Rhin (68) & Territoire de Belfort (9Ø)

FR15 Marne (51)

FR16 Meurthe-et-Moselle (54)

FR17 Meuse (55)

FR18 Moselle (57)

FR19 Vosges (88)

FR2- *France, central north*

FR2Ø Aube (1Ø)

FR21 Côte-d'Or (21)

FR22 Eure-et-Loir (28)

FR23 Loir-et-Cher (41)

FR24 Loiret (45)

FR25 Oise (6Ø)

FR26 Sarthe (72)

FR27 Seine-et-Marne (77)

FR28 In the 'Code Manual New EURING' (1979) 'Seine-et-Oise' & 'Seine'. Now divided into Essonne (91), Val-d'oise (95), Yvelines (78) (ex Seine-et-Oise, ex Seine-Inférieure) and Hauts-de-Seine (92), Paris (75), Seine-Saint-Denis (93) (ex Seine)

FR29 Yonne (89)

FR3- *France, Atlantic coast*

FR3Ø Pyrénées-Atlantiques (64) (ex Basses-Pyrénées)

FR31 Charente-Maritime (17) (ex Charente-Inférieure)

FR32 Côtes-d'Armor (22) (ex Côtes-du-Nord)

FR33 Finistère (29)

FR34 Gironde (33)

FR35 Ille-et-Vilaine (35)

FR36 Landes (4Ø)

FR37 Loire-Atlantique (44) (ex Loire-Inférieure, ex Loire-Maritime)

FR38 Morbihan (56)

FR39 Vendée (85)

FR4- *France, central west*

FR5- *France, central east*

FR4Ø	Charente (16)	FR5Ø	Allier (Ø3)
FR41	Corrèze (19)	FR51	Ardèche (Ø7)
FR42	Creuse (23)	FR52	Cantal (15)
FR43	Deux-Sèvres (79)	FR53	Cher (18)
FR44	Dordogne (24)	FR54	Haute-Loire (43)
FR45	Haute-Vienne (87)	FR55	Loire (42)
FR46	Indre (36)	FR56	Nièvre (58)
FR47	Indre-et-Loire (37)	FR57	Puy-de-Dôme (63)
FR48	Maine-et-Loire (49)	FR58	Rhône (69)
FR49	Vienne (86)	FR59	Saône-et-Loire (71)
FR6-	<i>France, east</i>	FR7-	<i>France, central south</i>
FR6Ø	Ain (Ø1)	FR7Ø	Ariège (Ø9)
FR61	Alpes-de-Haute-Provence (Ø4) (ex Basses-Alpes)	FR71	Aveyron (12)
FR62	Doubs (25)	FR72	Gers (32)
FR63	Drôme (26)	FR73	Haute-Garonne (31)
FR64	Hautes-Alpes (Ø5)	FR74	Hautes-Pyrénées (65)
FR65	Haute-Saône (7Ø)	FR75	Lot (46)
FR66	Haute-Savoie (74)	FR76	Lot-et-Garonne (47)
FR67	Isère (38)	FR77	Lozère (48)
FR68	Jura (39)	FR78	Tarn (81)
FR69	Savoie (73)	FR79	Tarn-et-Garonne (82)
FR8-	<i>France, Mediterranean</i>		
FR8Ø	Alpes-Maritimes (Ø6)		
FR81	Aude (11)		
FR82	Bouches-du-Rhône (13)		
FR9Ø	Corse (2Ø - now 2A and 2B -)		
FR83	Gard (3Ø)		
FR84	Hérault (34)		
FR85	Pyrénées-Orientales (66)		
FR86	Var (83)		
FR87	Vaucluse (84)		

ALPHABETICAL list of departments of France.

Official numeric French code for departments in first brackets, old or new administrative divisions in brackets

Ain (Ø1) FR6Ø
Aisne (Ø2) FR1Ø
Allier (Ø3) FR5Ø
Alpes, Basses- (Ø4) (now Alpes-de-Haute-Provence) FR61
Alpes, Hautes- (Ø5) FR64
Alpes-de-Haute-Provence (Ø4) (ex Basses-Alpes) FR61
Alpes-Maritimes (Ø6) FR8Ø
Ardèche (Ø7) FR51
Ardennes (Ø8) FR11
Ariège (Ø9) FR7Ø

Aube (1Ø) FR2Ø
 Aude (11) FR81
 Aveyron (12) FR71
 Bas-Rhin (67) FR12
 Basses-Alpes (Ø4) (now Alpes-de-Haute-Provence) FR61
 Basses-Pyrénées (64) (now Pyrénées-Atlantiques) FR3Ø
 Belfort, Territoire de (9Ø) FR14
 Bouches-du-Rhône (13) FR82
 Calvados (14) FRØ1
 Cantal (15) FR52
 Charente (16) FR4Ø
 Charente-Inférieure (17) (now Charente-Maritime) FR31
 Charente-Maritime (17) (ex Charente-Inférieure) FR31
 Cher (18) FR53
 Corrèze (19) FR41
 Corse (Corsica) (2Ø - now 2A and 2B -) FR9Ø
 Côte-d'Or (21) FR21
 Côtes-d'Armor (22) (ex Côtes-du-Nord) FR32
 Côtes-du-Nord (22) (now Côtes-d'Armor) FR32
 Creuse (23) FR42
 Deux-Sèvres (79) FR43
 Dordogne (24) FR44
 Doubs (25) FR62
 Drôme (26) FR63
 Essonne (91) (ex part of Seine-Inférieure, ex Seine-et-Oise) FR28
 Eure (27) FRØ2
 Eure-et-Loir (28) FR22
 Finistère (29) FR33
 Gard (3Ø) FR83
 Garonne, Haute- (31) FR73
 Gers (32) FR72
 Gironde (33) FR34
 Haute-Garonne (31) FR73
 Haute-Loire (43) FR54
 Haute-Marne (52) FR13
 Hautes-Alpes (Ø5) FR64
 Haute-Saône (7Ø) FR65
 Haute-Savoie (74) FR66
 Hautes-Pyrénées (65) FR74
 Haute-Vienne (87) FR45
 Haut-Rhin (68) FR14
 Hauts-de-Seine (92) (ex part of Seine) FR28
 Hérault (34) FR84
 Ille-et-Vilaine (35) FR35
 Indre (36) FR46
 Indre-et-Loire (37) FR47
 Isère (38) FR67
 Jura (39) FR68
 Landes (4Ø) FR36
 Loire (42) FR55
 Loire, Haute- (43) FR54
 Loire-Atlantique (44) (ex Loire-Inférieure, Loire-Maritime) FR37
 Loire-Inférieure (44) (now Loire-Atlantique) FR37
 Loire-Maritime (44) (now Loire-Atlantique) FR37
 Loiret (45) FR24

Loir-et-Cher (41) FR23
Lot (46) FR75
Lot-et-Garonne (47) FR76
Lozère (48) FR77
Maine-et-Loire (49) FR48
Manche (50) FR03
Marne (51) FR15
Marne, Haute- (52) FR13
Mayenne (53) FR04
Meurthe-et-Moselle (54) FR16
Meuse (55) FR17
Morbihan (56) FR38
Moselle (57) FR18
Nièvre (58) FR56
Nord (59) FR05
Oise (60) FR25
Orne (61) FR06
Paris (75) (ex part of Seine) FR28
Pas-de-Calais (62) FR07
Puy-de-Dôme (63) FR57
Pyrénées, Basses- (64) (now Pyrénées-Atlantiques) FR30
Pyrénées, Hautes- (65) FR74
Pyrénées-Atlantiques (64) (ex Basses-Pyrénées) FR30
Pyrénées-Orientales (66) FR85
Rhin, Bas- (67) FR12
Rhin, Haut- (68) FR14
Rhône (69) FR58
Saône, Haute- (70) FR65
Saône-et-Loire (71) FR59
Sarthe (72) FR26
Savoie (73) FR69
Savoie, Haute- (74) FR66
Seine (75) (now divided in Paris, Hauts-de-Seine, Seine-Saint-Denis) FR28
Seine, Hauts-de (92) (ex part of Seine) FR28
Seine-et-Marne (77) FR27
Seine-et-Oise (78) (ex Seine-Inférieure) (now divided in Yvelines, Essonne, Val d'Oise) FR28
Seine-Inférieure (78) (ex Seine-et-Oise) (now divided in Yvelines, Essonne, Val-d'Oise) FR08
Seine-Maritime (76) FR08
Seine-Saint-Denis (93) (ex part of Seine) FR28
Sèvres, Deux- (79) FR43
Somme (80) FR09
Tarn (81) FR78
Tarn-et-Garonne (82) FR79
Territoire de Belfort (90) FR14
Val-d'Oise (95) (ex part of Seine-Inférieure, ex Seine-et-Oise) FR28
Val-de-Marne (94) (ex part of Seine-et-Marne) FR27
Var (83) FR86
Vaucluse (84) FR87
Vendée (85) FR39
Vienne (86) FR49
Vienne, Haute- (87) FR45
Vosges (88) FR19
Yonne (89) FR29
Yvelines (78) (ex part of Seine-Inférieure, ex Seine-et-Oise) FR28.

NUMERICAL list of departments of France.

Old or new divisions in brackets.

Ø1 Ain FR6Ø
Ø2 Aisne FR1Ø
Ø3 Allier FR5Ø
Ø4 Alpes, Basses- (now Alpes-de-Haute-Provence) FR61
Ø4 Alpes-de-Haute-Provence (ex Basses-Alpes) FR61
Ø4 Basses-Alpes (now Alpes-de-Haute-Provence) FR61
Ø5 Hautes-Alpes FR64
Ø5 Hautes-Alpes FR64
Ø6 Alpes-Maritimes FR8Ø
Ø7 Ardèche FR51
Ø8 Ardennes FR11
Ø9 Ariège FR7Ø
1Ø Aube FR2Ø
11 Aude FR81
12 Aveyron FR71
13 Bouches-du-Rhône FR82
14 Calvados FRØ1
15 Cantal FR52
16 Charente FR4Ø
17 Charente-Inférieure (now Charente-Maritime) FR31
17 Charente-Maritime (ex Charente-Inférieure) FR31
18 Cher FR53
19 Corrèze FR41
2Ø Corse (Corsica) (*now 2A and 2B -*) FR9Ø
21 Côte-d'Or FR21
22 Côtes-d'Armor (ex Côtes-du-Nord) FR32
22 Côtes-du-Nord (now Côtes-d'Armor) FR32
23 Creuse FR42
24 Dordogne FR44
25 Doubs FR62
26 Drôme FR63
27 Eure FRØ2
28 Eure-et-Loir FR22
29 Finistère FR33
3Ø Gard FR83
31 Garonne, Haute- FR73
31 Haute-Garonne FR73
32 Gers FR72
33 Gironde FR34
34 Hérault FR84
35 Ille-et-Vilaine FR35
36 Indre FR46
37 Indre-et-Loire FR47
38 Isère FR67
39 Jura FR68
4Ø Landes FR36
41 Loir-et-Cher FR23
42 Loire FR55
43 Haute-Loire FR54
43 Loire,Haute- FR54
44 Loire-Atlantique (ex Loire-Inférieure, Loire-Maritime) FR37

44 Loire-Inférieure (now Loire-Atlantique) FR37
 44 Loire-Maritime (now Loire-Atlantique) FR37
 45 Loiret FR24
 46 Lot FR75
 47 Lot-et-Garonne FR76
 48 Lozère FR77
 49 Maine-et-Loire FR48
 50 Manche FR03
 51 Marne FR15
 52 Haute-Marne FR13
 52 Marne, Haute- FR13
 53 Mayenne FR04
 54 Meurthe-et-Moselle FR16
 55 Meuse FR17
 56 Morbihan FR38
 57 Moselle FR18
 58 Nièvre FR56
 59 Nord FR05
 60 Oise FR25
 61 Orne FR06
 62 Pas-de-Calais FR07
 63 Puy-de-Dôme FR57
 64 Basses-Pyrénées (now Pyrénées-Atlantiques) FR30
 64 Pyrénées, Basses- (now Pyrénées-Atlantiques) FR30
 64 Pyrénées-Atlantiques (ex Basses-Pyrénées) FR30
 65 Hautes-Pyrénées FR74
 65 Pyrénées, Hautes- FR74
 66 Pyrénées-Orientales FR85
 67 Bas-Rhin FR12
 67 Rhin, Bas- FR12
 68 Haut-Rhin FR14
 68 Rhin, Haut- FR14
 69 Rhône FR58
 70 Haute-Saône FR65
 70 Saône, Haute- FR65
 71 Saône-et-Loire FR59
 72 Sarthe FR26
 73 Savoie FR69
 74 Haute-Savoie FR66
 74 Savoie, Haute- FR66
 75 Paris (ex part of Seine) FR28
 75 Seine (now divided in Paris, Hauts-de-Seine, Seine-Saint-Denis) FR28
 76 Seine-Maritime FR08
 77 Seine-et-Marne FR27
 78 Seine-et-Oise (ex Seine-Inférieure) (now divided in Yvelines, Essonne, Val d'Oise) FR28
 78 Seine-Inférieure (ex Seine-et-Oise) (now divided in Yvelines, Essonne, Val-d'Oise) FR08
 78 Yvelines (ex part of Seine-Inférieure, ex Seine-et-Oise) FR28.
 79 Deux-Sèvres FR43
 79 Sèvres, Deux- FR43
 80 Somme FR09
 81 Tarn FR78
 82 Tarn-et-Garonne FR79
 83 Var FR86
 84 Vaucluse FR87
 85 Vendée FR39

86 Vienne FR49
 87 Haute-Vienne FR45
 87 Vienne, Haute- FR45
 88 Vosges FR19
 89 Yonne FR29
 90 Belfort, Territoire de FR14
 90 Territoire de Belfort FR14
 91 Essonne (ex part of Seine-Inférieure, ex Seine-et-Oise) FR28
 92 Hauts-de-Seine (ex part of Seine) FR28
 92 Seine, Hauts-de (ex part of Seine) FR28
 93 Seine-Saint-Denis (ex part of Seine) FR28
 94 Val-de-Marne (ex part of Seine-et-Marne) FR27
 95 Val-d'Oise (ex part of Seine-Inférieure, ex Seine-t-, ise) FR28

French Guiana GF00

French Southern Territories (Crozet Islands, Kerguelen, St. Paul, Amsterdam Island) TF00

Gabon QY00

Gambia, The VM00

GEORGIA

GE-- (SU95) **Georgia**
 GE01 (SU95) Adzharia (Ajaria)
 GE02 (SU95) Yuzhnaya Osetia (South Ossetia)
 GE03 (SU95) Abkhaziya (Abkhazia)

GERMANY

DE-- (DF--) **Germany**
 DEA- (DFA-) *Bavaria* *
 DEAM (DFAM) Mittelfranken
 DEAN (DFAN) Niederbayern
 DEAB (DFAB) Oberbayern
 DEAF (DFAF) Oberfranken
 DEAP (DFAP) Oberpfalz
 DEAS (DFAS) Schwaben
 DEAU (DFAU) Unterfranken

DEB- (DFB-) *Baden-Württemberg*
 DEBF (DFBF) Südbaden (Freiburg)
 DEBK (DFBK) Nordbaden (Karlsruhe)
 DEBS (DFBS) Nordwürttemberg (Stuttgart)
 DEBT (DFBT) Südwürttemberg (Tübingen)

DEC- (DFC-) *Rheinland-Pfalz*
 DECK (DFCK) Koblenz

DECR	(DFCR)	Rheinhessen-Pfalz
DECT	(DFCT)	Trier (<i>incl. Montabaur</i>)
DEDO	(DFDS)	Saarland
DEE-	(DFE-)	<i>Hessen *</i>
DEED	(DFED)	Darmstadt (<i>incl. Wiesbaden</i>)
DEEG	(DFEG)	Gießen
DEEK	(DFEK)	Kassel
DEF-	(DFF-)	<i>Nordrhein-Westfalen *</i>
DEFA	(DFFA)	Arnsberg
DEFD	(DFFD)	Düsseldorf
DEFK	(DFFK)	Köln (<i>incl. Aachen</i>)
DEFL	(DFFL)	Detmold (Lippe)
DEFM	(DFFM)	Münster
DEG-	(DFG-)	<i>Niedersachsen *</i>
DEGB	(DFGB)	Braunschweig (<i>incl. Hildsheim</i>)
DEGH	(DFGH)	Hannover
DEGL	(DFGL)	Lüneburg except islands (<i>incl. Stade</i>)
DEGW	(DFGW)	Weser-Ems except islands (<i>Aurich, Oldenburg & Osnabrück</i>)
DEGF	(DFGF)	Ostfriesische Inseln (Eastfrisian Islands) including Mellum
DEGN	(DFGN)	Islands Neuwerk and Scharhörn
DEXB	(DFXB)	Bremen
DEHH	(DFHH)	Hamburg
DEQ-	(DFQ-)	<i>Schleswig-Holstein *</i>
DEQS	(DFQS)	Schleswig-Holstein except islands in the North Sea
DEQH	(DFQH)	Helgoland
DEQN	(DFQN)	Nordfriesische Inseln (Northfrisian Islands)
DEQT	(DFQT)	Island Trischen
DEBE	(DF63)	Berlin
DEM/		Mecklenburg - Vorpommern *
DEBB		Brandenburg *
DERA		<i>Sachsen Anhalt *</i>
DERH		Halle
DERM		Magdeburg
DERS		Dessau
DESN		<i>Sachsen *</i>
DESC		Chemnitz

DESD Dresden

DESL Leipzig

DETH Thüringen

* The boundaries of the "Bezirke" are not given in the Times Atlas. To find these the following map is recommended; Verwaltungskarte von Deutschland 1:1.000.000. Edited by Reise- und Verkehrsverlag Stuttgart, 1994 or later.

Ghana GH00

Gibraltar see UK

Great Britain see UK

GREECE

N.B. The Times Atlas show the new administrative divisions ('periphereies' or 'regions'), instead of the traditional provinces ('diarismata'). The latter, which are retained here from the 'Code Manual New EURING' (1979), are still meaningful, well understood and widely used for any purpose other than strictly administrative use. Please see notes below.

GR--	Greece (provinces)	GR84	Peloponnisos ²
GR80	Aegean Islands ¹	GR85	Ipeiros
GR81	Ionian Islands	GR86	Stereia Ellas ³
GR82	Kriti (Crete)	GR87	Thessalia
GR83	Makedonia ⁴	GR88	Thraki ⁵

¹ Except those belonging to other provinces.

² The whole of the island of the Peloponnese, i.e. including the southern half of the new division of 'Dytiki Ellas' (Ileia and Achaia). Including islands west of 24° 00' E.L.

³ The whole of the new division of 'Stereia Ellas' plus the northern (mainland) half of the new division of 'Dytiki Ellas' (Aitolia and Akarmania). Excluding islands west of 24° 00' E.L.

⁴ Corresponds to the new divisions of 'Dytiki Makedonia', 'Kentriki Makedonia' and 'Anatoliki Makedonia kai Thraki', west of the River Nestos.

⁵ The part of the new division of 'Anatoliki Makedonia kai Thraki' east of the River Nestos.

Greenland see Denmark

Guatemala CAGA

Guinea GY00

Guinea Bissau GQ00

Guinea Islands HH00

Guyana SAGA

Haiti LJHA

Honduras CAHA

Hong Kong CG00

Hrvatska see Croatia

HUNGARY

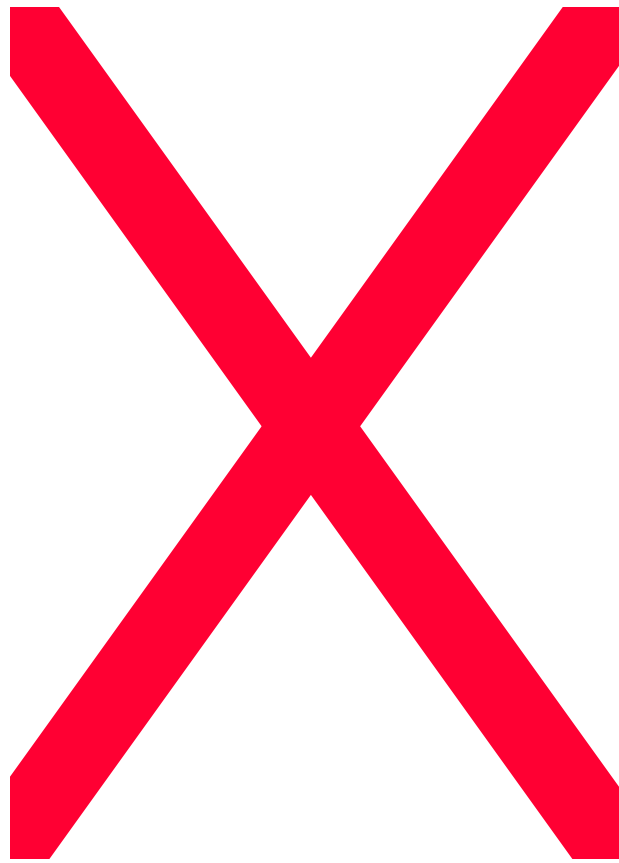
HG-- *Hungary* (counties)

HG3-	<i>Hungary West</i>	HG4-	<i>Hungary East</i>
HG3Ø	Baranya	HG4Ø	Bács-Kiskun
HG31	Fejér	HG41	Békés
HG32	Győr-Mosin-Sopron	HG42	Borsod-Abaúj-Zemplén
HG33	Komárom-Esztergom	HG43	Csongrád
HG34	Somogy	HG44	Hajdu-Bihar
HG35	Tolna	HG45	Heves
HG36	Vas	HG46	Jász-Nagykun-Szolnok
HG37	Veszprém	HG47	Nógrád
HG38	Zala	HG48	Pest
		HG49	Szabolcs-Szatmár-Bereg

ICELAND

IS-- *Iceland*

	<u>Full name:</u>	<u>Shortened version:</u>
ISØ1	Reykjavík	Reyk
ISØ2	Kjósarsýsla	Kjós
ISØ3	Borgarfjarðarsýsla	Borg
ISØ4	Mýrasýsla	Mýr
ISØ5	Hnappadalssýsla	Hnapp
ISØ6	Snæfellsnessýsla	Snæf
ISØ7	Dalasýsla	Dal
ISØ8	Austur-Barðastrandasýsla	A-Barð
ISØ9	Vestur-Barðastrandasýsla	V-Barð
IS1Ø	Vestur-Ísafjarðarsýsla	V-Ísf
IS11	Norður-Ísafjarðarsýsla	N-Ísf
IS12	Strandasýsla	Strand
IS13	Vestur-Húnavatnssýsla	V-Hún
IS14	Austur-Húnavatnssýsla	A-Hún
IS15	Skagafjarðarsýsla	Skag
IS16	Eyjafjarðarsýsla	Eyf
IS17	Suður-Þingeyjarsýsla	S-Þing
IS18	Norður-Þingeyjarsýsla	N-Þing
IS19	Norður-Múlasýsla	N-Múl
IS2Ø	Suður-Múlasýsla	S-Múl
IS21	Austur-Skaftafellssýsla	A-Skaft
IS22	Vestur-Skaftafellssýsla	V-Skaft
IS23	Rangárvallasýsla	Rang
IS24	Árnessýsla	Árn
IS25	Gullbringusýsla	Gull
IS26	Vestmannaeyjar	Vestm
IS27	Miðhálandi	Miðh



INDIA

IN-- India

INAP	Andhra Pradesh	INMR	Manipur
INAS	Assam	INMY	Karnataka (Mysore, incl. Goa)
INBI	Bihar	INOR	Orissa
INBO	Maharashtra (Mumbai, Bombay)	INPO	Pondicherry
INDE	Delhi	INPU	Punjab
INHP	Himachal Pradesh	INRA	Rajasthan
INJK	Jammu and Kashmir	INTR	Tripura
INKE	Kerala	INUP	Uttar Pradesh
INMP	Madhya Pradesh	INWB	West Bengal
INMS	Tamil Nadu (Madras)		

Indonesia ONØØ

Iran IPØØ

Iraq IQØØ

IRELAND, Republic of

ER-- Ireland (EIRE)

ERCW	Carlow	ERLG	Longford
ERCV	Cavan	ERLU	Louth
ERCL	Clare	ERMA	Mayo
ERCK	Cork	ERME	Meath
ERDO	Donegal	ERMO	Monaghan
ERDU	Dublin	EROF	Offaly
ERGA	Galway	ERRO	Roscommon
ERKE	Kerry	ERSL	Sligo
ERKD	Kildare	ERTP	Tipperary
ERKK	Kilkenny	ERWA	Waterford
ERLM	Leitrim	ERWM	Westmeath
ERLX	Leix (Laois)	ERWX	Wexford
ERLK	Limerick	ERWI	Wicklow

Israel ILØØ

ITALY

IA-- Italy (mainland in provinces, or groups of provinces, islands not subdivided)

IAØ-	<i>Alpine area</i>	IA1-	<i>Po area</i>
IAØØ	Belluno	IA1Ø	Alessandria & Asti
IAØ1	Bergamo	IA11	Bologna

IA02	Bolzano	IA12	Cremona & Mantova
IA03	Brescia	IA13	Milano
IA04	Como & Sondrio & Varese	IA14	Modena
IA05	Cuneo	IA15	Parma & Reggio n.Emilia
IA06	Novara & Vercelli	IA16	Pavia
IA07	Torino	IA17	Piacenza
IA08	Trento	IA18	Verona
IA09	Valle d'Aosta	IA19	Vicenza
IA2-	<i>North Tyrrhenian</i>	IA3-	<i>North Adriatic</i>
IA20	Arezzo	IA30	Ancona & Pesaro e Urbino
IA21	Firenze	IA31	Ascoli Piceno & Macerata
IA22	Genova & Massa, Carrara & La Spezia	IA32	Ferrara & Rovigo
IA23	Grosseto	IA33	Forli
IA24	Imperia & Savona	IA34	Gorizia & Udine
IA25	Livorno & Pisa	IA35	Padova
IA26	Lucca & Pistoia	IA36	Perugia
IA27	Siena	IA37	Ravenna
IA28	Terni	IA38	Treviso
IA29	Viterbo	IA39	Venezia
		IA76	Trieste
IA4-	<i>South Tyrrhenian</i>	IA5-	<i>South Adriatic</i>
IA40	Avellino	IA50	L'Aquila d.Abruzzi
IA41	Benevento	IA51	Bari
IA42	Caserta & Napoli	IA52	Brindisi & Lecce
IA43	Catanzaro	IA53	Campobasso
IA44	Cosenza	IA54	Chieti
IA45	Frosinone & Latina	IA55	Foggia
IA46	Potenza	IA56	Matera
IA47	Reggio di Calabria	IA57	Pescara & Teramo
IA48	Roma	IA58	Rieti
IA49	Salerno	IA59	Taranto (Ionio)
IA6-	<i>Italian Islands</i>		
IA61	Elba		
IA62	Sardegna (Sardinia)		
IA63	Sicilia (incl. islands to the west and north)		
IA64	not used		
IA65	Pantelleria		
IA66	Isole Pelagie		
RA48	VATICAN CITY		

Alphabetical list of the provinces of Italy:

Alessandria IA1Ø
Ancona IA3Ø
Aquila d.Abruzzi IA5Ø
Arezzo IA2Ø
Ascoli Piceno IA31
Asti IA1Ø
Avellino IA4Ø
Bari IA51
Belluno IAØØ
Benevento IA41
Bergamo IAØ1
Bologna IA11
Bolzano IAØ2
Brescia IAØ3
Brindisi IA52
Campobasso IA53
Cantazaro IA43
Caserta IA42
Chieti IA54
Como IAØ4
Cosenza IA44
Cremona IA12
Cuneo IAØ5
Elba IA61
Ferrara IA32
Firenze IA21
Foggia IA55
Forli IA33
Frosinone IA45
Genova IA22
Gorizia IA34
Grosseto IA23
Imperia IA24
Ionio IA59
Isole Pelagie IA66
Latina IA45
Lecce IA52
Livorno IA25
Lucca IA26
Macerata IA31
Mantova IA12
Massa Carrara IA22
Matera IA56
Milano IA13
Modena IA14
Napoli IA42
Novara IAØ6
Padova IA35
Pantellaria IA65
Parma IA15
Pavia IA16
Perugia IA36
Pesaro e Urbino IA3Ø

Pescara IA57
Piacenza IA17
Pisa IA25
Pistoia IA26
Potenza IA46
Ravenna IA37
Reggio d.Calabria IA47
Reggio n.Emilia IA15
Rieti IA58
Roma IA48
Rovigo IA32
Salerna IA49
Sardegna IA62
Sardinia IA62
Savona IA24
Sicilia IA63
Siena IA27
Sondrio IAØ4
Taranto IA59
Teramo IA57
Terni IA28
Torino IAØ7
Trento IAØ8
Treviso IA38
Trieste IA76
Udine IA34
Valle d.Aosta IAØ9
Varese IAØ4
Vatican City RA48
Venezia IA39
Vercelli IAØ6
Verona IA18
Vicenza IA19
Viterbo IA29

Ivory Coast see Côte d'Ivoire
Jamaica CJJA
Jan Mayen see Islands–Oceans-at Sea
Japan JH00
Jordan JO00

KAZAKHSTAN

KZ-- (SI0-) **Kazakhstan**
KZ15 (SI15) Akmolinsk O. (Astana city); Tselinograd on old maps
KZ00 (SI00) Aktyubinsk O.
KZ01 (SI01) Alma-Ata O.
KZ03 (SI03) Chimkent O.
KZ04 (SI04) Dzhambul O. (Taroz city)
KZ06 (SI06) Gur'yev O. (incl. Mangyshlak O.) (Atyrau city)
KZ07 (SI07) Karaganda O. (incl. Dzhezkazgan O.)
KZ10 (SI10) Kzyl-Orda O.
KZ11 (SI11) Pavlodar O.
KZ12 (SI12) Severo-Kazakhstan O. (Kokchetav city)
KZ13 (SI13) Semipalatinsk O.
KZ14 (SI14) Taldy-Kurgan O.
KZ09 (SI09) Turgaisk O. (Arkalyk city) (incl. Kustanay O.)
KZ16 (SI16) Ural'sk O. (Uralsk city, West Kazakhstan region)
KZ17 (SI17) Vostochno-Kazakhstan O. (Ust-Kamenogorsk city)

Kenya GP00
Korea North TP00
Korea South TX00
Kuwait JI00

KYRGYZSTAN

KI-- (SI53) **Kyrgyzstan**
KI01 (SI53) Issyk-Kul'O. (Przhevalsk)
KI02 (SI53) Naryn O.
KI03 (SI53) Talas O.

Laos FNLA
Latvia LV00
Lebanon LE00
Lesotho FG00
Liberia PQ00
Libya LT00
Liechtenstein AM00

Lithuania LIØØ

Luxembourg KNØØ

For reasons unknown until now (Januari 2004) Luxembourg was also coded as KN29 (see 'Code Manual New Euring' (1979) page 38 (KN29) and page 54 (KNØØ). It's not wise to delete one of those two because probably both has been used. Similar to other country-coding it's sensible to use only KNØØ.

Macedonia MKØØ

Madagascar MGØØ

Madeira see Portugal

Malawi MYØØ

Malaysia FVMA

Maldives MVØØ

Mali EMØØ

Malta MLØØ

Mauritania NMØØ

Mauritius (incl. Rodrigues Island) MUØØ

Mayotte YTØØ

Melilla MJØØ

Mexico TAØØ

Moldova MDØØ

Monaco WR8Ø

Mongolia MNØØ

Morocco MAØØ

Mozambique MQØØ

Myanmar FEØØ

Namibia FMØØ

Nepal HJØØ

NETHERLANDS, The

NL-- The Netherlands

(provinces, separate units; all Frisian Isles, IJsselmeer-polders)

characterised by a Ø, 1, 2, or 3 in final column :

Frisian Isles

NLØØ Texel
NLØ1 Vlieland
NLØ2 Griend
NLØ3 Terschelling
NL11 Ameland
NL12 Schiermonnikoog
NL13 Rottumeroog

Remaining part

NLØ4 Drenthe
NLØ5 Friesland
NLØ6 Gelderland
NLØ7 Groningen
NLØ8 Limburg
NLØ9 Noord-Brabant
NL14 Noord-Holland
NL15 Overijssel
NL16 Utrecht
NL17 IJsselmeerpolders (+ Urk & Schokl.)
NL18 Zeeland
NL19 Zuid-Holland

New Guinea WEØØ

NEW ZEALAND

AJ-- ***New Zealand***

AJNI North Island

AJSI South Island

Nicaragua CANA

Niger NEØØ

Nigeria NVØØ

North Korea TPØØ

Northern Ireland see UK

NORWAY

NO-- ***Norway*** (provinces)

NO2Ø Akershus (Oslo included)

NO21 Aust-Agder, (NB. Bergen (city): NO25)

NO22 Buskerud

NO23 Finnmark

NO24 Hedmark

NO25 Hordaland (Bergen included)

NO26 Møre og Romsdal

NO27 Nordland

NO28 Nord-Trøndelag

NO29 Opland, (NB. Oslo (city): NO2Ø)

NO3Ø Østfold

NO31 Rogaland

NO32 Sogn og Fjordane

NO33 Sør-Trøndelag

NO34 Telemark

NO35 Troms

NO36 Vest-Agder

NO37 Vestfold

Oman OMØØ

Pakistan PNØØ

Panama CAPA

Paraguay SAPA

Peru KJØØ

Philippines OEØØ

POLAND

Three different divisions have been used in the Polish Ringing Scheme, depending on time. For the two older ones see below. Divisions valid from 01-Jan-1999 onwards:

PL-- Poland

PLBE	Lubelskie	PLPC	Podkarpackie
PLBU	Lubuskie	PLPS	Podlaskie
PLDO	Dolnoslaskie	PLPM	Pomorskie
PLKP	Kujawsko-Pomorskie	PLSL	Slaskie
PLLO	Lódzkie	PLSW	Swietokrzyskie
PLMP	Malopolskie	PLWM	Warminsko-Mazurskie
PLMZ	Mazowieckie	PLWI	Wielkopolskie
PLOE	Opolskie	PLZP	Zachodnio-Pomorskie

The boundaries of the divisions shown above are given in the map:

Polska mapa administracyjna, skala 1:750.000, 1999.

Valid from ca. 1970 till 01-Jan-1999:

PLBP	Biala Podlaska	PLOP	Opole
PLBT	Bialystok	PLOA	Ostroleka
PLBB	Bielsko-Biala	PLPA	Pila
PLBY	Bydgoszcz	PLPT	Piotrków Trybunalski
PLCH	Chelm	PLPK	Plock
PLHA	Ciechanów	PLPN	Poznam
PLCZ	Czestochowa	PLPR	Przemysl
PLEL	Elblag	PLRM	Radom
PLGD	Gdansk	PLRZ	Rzeszów
PLGW	Gorzów Wielkopolski	PLDL	Siedlce
PLJG	Jelenia Góra	PLDZ	Sieradz
PLIS	Kalisz	PLRN	Skierniewice
PLIC	Katowice	PLUP	Słupsk
PLLC	Kielce	PLSU	Suwalki
PLON	Konin	PLSZ	Szczecin
PLAL	Koszalin	PLTG	Tarnobrzeg
PLKW	Kraków	PLTV	Tarnów
PLRO	Krosno	PLTO	Torun
PLLA	Legnica	PLWH	Walbrzych
PLLS	Leszno	PLWZ	Warszawa
PLOM	Lomza	PLWK	Wloclawek
PLHH	Lodz	PLWW	Wroclaw
PLLU	Lublin	PLZA	Zamosc
PLNS	Nowy Sacz	PLZG	Zielona Góra
PLOL	Olsztyn		

N.B. The boundaries of these divisions are not given in the Times Atlas but conform to *Stan administracyjny 1 V1 1975 r.*

For the benefit of schemes without access to maps showing the revised regional boundaries in Poland the original Euring place codes for Polish regions are repeated below. The boundaries of these regions are shown in the Times Atlas. Where possible coding to the two letter regions designated above is preferred to the numerical regions given below:

PL8-	<i>Poland Northwest</i>	PL9-	<i>Poland Southeast</i>
PL8Ø	Bydgoszcz (Bromberg)	PL9Ø	Bialystok
PL81	Gdansk (Danzig)	PL91	Kielce
PL82	Koszalin (Köslin)	PL92	Krakow
PL83	Olsztyn (Allenstein)	PL93	Lodz

PL84 Poznan (Posen)
PL85 Szczecin (Stettin)
PL86 Zielona Gora (Grünberg)

PL94 Lublin
PL95 Opole (Oppeln)
PL96 Rzeszow
PL97 Stalinograd (Katowice)
PL98 Warszawa (Warschau)
PL99 Wroclaw (Breslau)

PORTUGAL

PO-- Portugal (provinces)

POØ1	Aveiro	PO1Ø	Leiria
POØ2	Beja	PO11	Lisboa
POØ3	Braga	PO12	Portalegre
POØ4	Bragança	PO13	Porto
POØ5	Castelo Branco	PO14	Santarém
POØ6	Coimbra	PO15	Setúbal
POØ7	Évora	PO16	Viana do Castelo
POØ8	Faro	PO17	Vila Real
POØ9	Guarda	PO18	Viseu

Azores:

PO19 Ilha da Terceira
PO2Ø Ilha do Faial
PO21 Ilha de São Miguel
PO23 Ilha de Santa Maria
PO24 Ilha Graciosa
PO25 Ilha de São Jorge
PO26 Ilha do Pico
PO27 Ilha das Flores
PO28 Ilha do Corvo

Madeira:

PO22 Ilha da Madeira
PO29 Ilha de Porto Santo

Puerto Rico LJPA

Reunion REØØ

Rio de Oro see Western Sahara

ROMANIA

RO-- Romania (regions)

RO5-	<i>Romania Northwest</i>	RO6-	<i>Romania Southwest</i>
RO5Ø	Arad	RO6Ø	Bârlad
RO51	Bazău	RO61	Bucuresti (Bucharest)
RO52	Baia Mare	RO62	Constanta
RO53	Cluj (Kolozsvár)	RO63	Craiova
RO54	Hunedoara	RO64	Galati (Galatz)
RO55	Magyar Autonomous Region	RO65	Iasi (Jassy)
RO56	Oradea (Nagyvarad)	RO66	Pitești
RO57	Braşov (Oraşul Stalin)	RO67	Ploești
RO58	Suceava		

RO59 Timișoara

Rwanda PPØØ

RUSSIAN FEDERATION

O.: Oblast,

A.O.: Avtonomnaya Oblast (Autonomous District)

new **old**

RU-- (SU--) **USSR European part**

RU-- (SI--) **USSR Asiatic part**

RUNW *North-West European Russia*

RUØ1 (SU14) Murmansk O.

RUØ2 (SU12) Karelia

RUØ3 (SUØ3) Leningrad O. (incl. Sankt-Petersburg)

RUØ3 (SUØ3) Sankt-Petersburg (form. Leningrad, centre of Leningrad O.)

RUØ4 (SUØ1) Kaliningrad O.

RUØ5 (SUØ6) Pskov O.

RUØ6 (SUØ5) Novgorod O.

RUNR *North of European Russia*

RUØ7 (SU1Ø) Arkhangelsk O. (exl. Islands)

RUØ8 (SU15) Nenets A.O. (incl. Kolguev and Vaygach Islands)

RUØ9 (SU13) Komi

RU1Ø (SU11) Franz Josef Land

RU11 (SU16) Novaya Zemlya

RUCE *Centre of European Russia*

RU12 (SU17) Vologda O.

RU13 (SU39) Yaroslavl' O.

RU14 (SU32) Kalinin O. (changed to Tver' O.)

RU14 (SU32) Tver' O. (form. Kalinin O.)

RU15 (SU33) Kostroma O.

RU16 (SU31) Ivanovo O.

RU17 (SU35) Moscow O.

RU18 (SU38) Vladimir O.

RU19 (SU27) Smolensk O.

RU2Ø (SU24) Kaluga O.

RU21 (SU37) Tula O.

RU22 (SU36) Ryazan' O.

RUVV *Volgo-Vyatka Region*

RU23 (SU42) Kirov O.

RU24 (SU46) Perm' O.

RU25 (SU48) Udmurtia

<i>RUMV</i>		<i>Middle Volga</i>
RU26	(SU3Ø)	Nizhniy Novgorod O. (form. Gorkiy O.)
RU26	(SU3Ø)	Gorkiy O. (changed to Nizhniy Novgorod O.)
RU27	(SU44)	Mariy El
RU28	(SU41)	Chuvashia
RU29	(SU34)	Mordovia O.
RU3Ø	(SU47)	Tataria
RU31	(SU49)	Ul'yanovsk O.
RU32	(SU84)	Penza O.
RU33	(SU43)	Samara O. (form. Kuybyshev O.)
RU33	(SU43)	Kuybyshev O. (changed to Samara O.)
RU34	(SU86)	Saratov O.
<i>RUCB</i>		<i>Central Blacksoil Region</i>
RU35	(SU21)	Bryansk O.
RU36	(SU83)	Orel O.
RU37	(SU81)	Kursk O.
RU38	(SU82)	Lipetsk O.
RU39	(SU87)	Tambov O.
RU4Ø	(SU89)	Voronezh O.
RU41	(SU8Ø)	Belgorod O.
<i>RUVD</i>		<i>Volgo-Don Region</i>
RU44	(SU91)	Astrakhan' O.
RU42	(SU88)	Stalingrad O. (changed to Volgograd O.)
RU42	(SU88)	Volgograd O. (form Stalingrad O.)
RU43	(SU85)	Rostov O.
RU45	(SU96)	Kalmykia
<i>RUNC</i>		<i>North Caucasus</i>
RU46	(SU97)	Krasnodar (incl. Adygey)
RU47	(SU98)	Stavropol' O.
RU48	(SU93)	Karachayevo-Cherkessia
RU49	(SU93)	Kabardino-Balkaria
RU5Ø	(SU93)	Severnaya Osetia
RU51	(SU93)	Ingushetia (form. part of Checheno-Ingushetia ASSR)
RU52	(SU93)	Chechnya (form. part of Checheno-Ingushetia ASSR)
RU53	(SU94)	Dagestan
<i>RUSU</i>		<i>Southern Ural</i>
RU54	(SI26)	Ekaterinburg (form. Sverdlovsk, centre of Sverdlovsk O.)
RU54	(SI26)	Sverdlovsk O. (incl. Ekaterinburg)
RU55	(SI23)	Kurgan O.
RU56	(SI2Ø)	Chelyabinsk O.
RU57	(SU4Ø)	Bashkiria
RU58	(SU45)	Orenburg O.
<i>RUWS</i>		<i>Western Siberia</i>
RU6Ø	(SI29)	Yamal-Nenets A.O. (part of Tyumen' O.)
RU61	(SI22)	Khanty-Mansi A.O. (part of Tyumen' O.)
RU62	(SI28)	Tyumen' O. (excl. Yamalo-Nenets A.O. and Khanty-Mansi A.O.)
RU63	(SI25)	Omsk O.

RU64	(SI27)	Tomsk O.
<i>RUSS South-Western Siberia</i>		
RU65	(SI24)	Novosibirsk O.
RU66	(SI21)	Kemerovo O.
RU67	(SI05, SI02)	Altay (incl. Gorno-Altaysk)
<i>RUCS Central Siberia</i>		
RU68	(SI35)	Severnaya Zemlya Islands (part of Taymyr A.O.)
RU69	(SI36)	Taymyr A.O. (part of Krasnoyarsk, excl. Severnaya Zemlya,)
RU70	(SI30)	Evenkiy A.O. (part of Krasnoyarsk)
RU71	(SI33)	Krasnoyarsk (excl. Severnaya Zemlya Isls., Taymyr A.O., Evenkiy A.O., Khakassia)
RU72	(SI32)	Khakassia (part of Krasnoyarsk)
RU73	(SI37)	Tuva
<i>RUBS Baikal Region</i>		
RU74	(SI31)	Irkutsk O.
RU75	(SI41)	Buryatia
RU76	(SI42)	Chita O.
<i>RUYS Yakutia</i>		
RU77	(SI34)	Novosibirskiye Isls. (part of Yakutia-Sakha)
RU78	(SI38, SI39)	Yakutia-Sakha
<i>RUNE North-East</i>		
RU79	(SI43)	Wrangel Island (part of Chukotka)
RU80	(SI43)	Chukotka (excl. Wrangel Isl.)
RU81	(SI47)	Magadan O.
RU82	(SI44)	Kamchatka O. (incl. Komandorskiye Isls.)
<i>RUFE Far East</i>		
RU83	(SI40)	Amur O. (<u>Blagoveshchensk ?</u>)
RU84	(SI45)	Khabarovsk
RU85	(SI49)	Primorskiy
RU86	(SI48)	Sakhalin O. (excl. Kuril Isls.)
RU87	(SI46)	Kuril Islands (part of Sakhalin O.)

Alphabetic list of subdivisions of the Russian Federation:

Altay (incl. Gorno-Altaysk) RU67
Amur O. RU83
Arkhangelsk O. (exl. Islands) RU07
Astrakhan' O. RU44
Bashkiria RU57
Belgorod O. RU41
Bryansk O. RU35
Buryatia RU75
Chechnya (form. part of Checheno-Ingushetia ASSR) RU52
Chelyabinsk O. RU56
Chita O. RU76
Chukotka (excl. Wrangel Isl.) RU80
Chuvashia RU28

Dagestan RU53
 Ekaterinburg (form. Sverdlovsk, centre of Sverdlovsk O.) RU54
 Evenkiy A.O. (part of Krasnoyarsk) RU70
 Franz Josef Land RU10
 Gorkiy O. (changed to Nizhniy Novgorod O.) RU26
 Ingushetia (form. part of Checheno-Ingushetia ASSR) RU51
 Irkutsk O. RU74
 Ivanovo O. RU16
 Kabardino-Balkaria RU49
 Kalinin O. (changed to Tver' O.) RU14
 Kaliningrad O. RU04
 Kalmykia RU45
 Kaluga O. RU20
 Kamchatka O. (incl. Komandorskiye Isls.) RU82
 Karachayevo-Cherkessia RU48
 Karelia RU02
 Kemerovo O. RU66
 Khabarovsk RU84
 Khakassia (part of Krasnoyarsk) RU72
 Khanty-Mansi A.O. (part of Tyumen' O.) RU61
 Kirov O. RU23
 Komi RU09
 Kostroma O. RU15
 Krasnodar (incl. Adygey) RU46
 Krasnoyarsk (excl. Severnaya Zemlya Isls., Taymyr A.O., Evenkiy A.O., Khakassia) RU71
 Kurgan O. RU55
 Kuril Islands (part of Sakhalin O.) RU87
 Kursk O. RU37
 Kuybyshev O. (changed to Samara O.) RU33
 Leningrad O. (incl. Sankt-Petersburg) RU03
 Lipetsk O. RU38
 Magadan O. RU81
 Mariy El RU27
 Mordovia O. RU29
 Moscow O. RU17
 Murmansk O. RU01
 Nenets A.O. (incl. Kolguev and Vaygach Islands) RU08
 Nizhniy Novgorod O. (form. Gorkiy O.) RU26
 Novaya Zemlya RU11
 Novgorod O. RU06
 Novosibirsk O. RU65
 Novosibirskiye Isls. (part of Yakutia-Sakha) RU77
 Omsk O. RU63
 Orel O. RU36
 Orenburg O. RU58
 Penza O. RU32
 Perm' O. RU24
 Primorskiy RU85
 Pskov O. RU05
 Rostov O. RU43
 Ryazan' O. RU22
 Sakhalin O. (excl. Kuril Isls.) RU86
 Samara O. (form. Kuybyshev O.) RU33
 Sankt-Petersburg (form. Leningrad, centre of Leningrad O.) RU03
 Saratov O. RU34
 Severnaya Osetia RU50
 Severnaya Zemlya Islands (part of Taymyr A.O.) RU68
 Smolensk O. RU19
 Stalingrad O. (changed to Volgograd O.) RU42
 Stavropol' O. RU47
 Sverdlovsk O. (incl. Ekaterinburg) RU54

Tambov O. RU39
Tataria RU3Ø
Taymyr A.O. (part of Krasnoyarsk, excl. Severnaya Zemlya) RU69
Tomsk O. RU64
Tula O. RU21
Tuva RU73
Tver' O. (form. Kalinin O.) RU14
Tyumen' O. (excl. Yamalo-Nenets A.O. and Khanty-Mansi A.O.) RU62
Udmurtia RU25
Ul'yanovsk O. RU31
Vladimir O. RU18
Volgograd O. (form Stalingrad O.) RU42
Vologda O. RU12
Voronezh O. RU4Ø
Wrangel Island (part of Chukotka) RU79
Yakutia-Sakha RU78
Yamal-Nenets A.O. (part of Tyumen' O.) RU6Ø
Yaroslavl' O. RU13.

San Marino ZA33
Saudi Arabia ARØØ
Scotland see UK
Seychelles SCØØ
Senegal NUØØ
Sierra Leone PHØØ
Sikkim QJØØ
Singapore FVSA

SLOVAKIA

SK-- Slovakia

Region "Banskobystricky"

SKBB Banska Bystrica
SKBS Banska Stiavnica
SKBR Brezno
SKDT Detva
SKKA Krupina
SKLC Lucenec
SKPT Poltar
SKRA Revuca
SKRS Rimavska Sobota
SKVK Velky Krtis
SKZV Zvolen
SKZC Zarnovica
SKZH Ziar nad Hronom

Region "Bratislavsky"

SKBA Bratislava I, II, III, IV, V
SKMA Malacky
SKPK Pezinok
SKSC Senec

Region "Kosicky"

SKKE Kosice I, II, III, IV
SKKS Kosice,okolie
SKGL Gelnica
SKMI Michalovce
SKRV Roznava
SKSO Sobrance
SKSN Spisska Nova Ves
SKTV Trebisov

Region "Nitriansky"

SKNR Nitra
SKKN Komarna
SKLV Levice
SKNZ Nove Zamky
SKSA Sala
SKTO Topolcany
SKZM Zlate Moravce

Region "Presovsky"

SKPO Presov
SKBJ Bardejov
SKHE Humenne
SKKK Kezmarok
SKLE Levoca
SKML Medzilaborce
SKPP Poprad
SKSB Sabinov
SKSV Snina
SKSL Stara Lubovna
SKSP Stropkov
SKSK Svidnik
SKVT Vranov nad Toplou

Region "Trenciansky"

SKTN Trencin
SKBN Banovce nad Bebravou
SKIL Ilava
SKMY Myjava
SKNM Nove Mesto nad Vahom
SKPE Partizanske
SKPB Povazska Bystrica
SKPD Prievidza
SKPU Puchov

Region "Trnavsky"

SKTT Trnava
SKDS Dunajska Streda
SKGA Galanta
SKHC Hlohovec
SKPI Piestany
SKSE Senica
SKSI Skalica

Region "Zilinsky"

SKZA	Zilina
SKBY	Bytca
SKCA	Cadca
SKDK	Dolny Kubin
SKKM	Kysucke Nove Mesto
SKLM	Liptovsky Mikulas
SKMT	Martin
SKNO	Namestovo
SKRK	Ruzomberok
SKTR	Turcianske Teplice
SKTS	Tvrdozin

Alphabetic list of subdivisions of Slovakia:

Banovce nad Bebravou	SKBN
Banska Bystrica	SKBB
Banska Stiavnica	SKBS
Bardejov	SKBJ
Bratislava I, II, III, IV, V	SKBA
Brezno	SKBR
Bytca	SKBY
Cadca	SKCA
Detva	SKDT
Dolny Kubin	SKDK
Dunajska Streda	SKDS
Galanta	SKGA
Gelnica	SKGL
Hlohovec	SKHC
Humenne	SKHE
Ilava	SKIL
Kezmarok	SKKK
Komarna	SKKN
Kosice I, II, III, IV	SKKE
Kosice,okolie	SKKS
Krupina	SKKA
Kysucke Nove Mesto	SKKM
Levice	SKLV
Levoca	SKLE
Liptovsky Mikulas	SKLM
Lucenec	SKLC
Malacky	SKMA
Martin	SKMT
Medzilaborce	SKML
Michalovce	SKMI
Myjava	SKMY
Namestovo	SKNO
Nitra	SKNR
Nove Mesto nad Vahom	SKNM
Nove Zamky	SKNZ
Partizanske	SKPE
Pezinok	SKPK
Piestany	SKPI
Poltar	SKPT
Poprad	SKPP
Povazska Bystrica	SKPB
Presov	SKPO
Prievidza	SKPD

Puchov SKPU
 Revuca SKRA
 Rimavska Sobota SKRS
 Roznava SKRV
 Ruzomberok SKRK
 Sabinov SKSB
 Sala SKSA
 Senec SKSC
 Senica SKSE
 Skalica SKSI
 Snina SKSV
 Sobrance SKSO
 Spisska Nova Ves SKSN
 Stara Lubovna SKSL
 Stropkov SKSP
 Svidnik SKSK
 Topolcany SKTO
 Trebisov SKTV
 Trencin SKTN
 Trnava SKTT
 Turcianske Teplice SKTR
 TvrDOSin SKTS
 Velky Krtis SKVK
 Vranov nad Toplou SKVT
 Zarnovica SKZC
 Ziar nad Hronom SKZH
 Zilina SKZA
 Zlate Moravce SKZM
 Zvolen SKZV

Valid from the separation of Czechoslovakia till Jan 01, 2002 (?):

SK--	(CS2-)	Slovakia			
SK20	(CS20)	Banska Bystrica (Banskobystricky Kraj)	SK25	(CS25)	Nitra (Nitriansky Kraj)
SK21	(CS21)	Bratislava (Bratislavsky Kraj)	SK28	(CS28)	Prešov (Prešovsky Kraj)
SK24	(CS24)	Košický Kraj	SK29	(CS29)	Zilina (Zilinsky Kraj)

Slovenia SL00

Socotra see Suqutṛā

Somalia YS00

SOUTH AFRICA

States of Republic of South Africa

FP-- **South Africa**

FPCG	Western Cape (Cape Province)	FPOF	Free State (Orange Free State)
FPNA	Kwazulu-Natal	FPTV	Northern Mpumalanga (Transvaal)

South Korea TX00

SPAIN

ES--	Spain (provinces)		
ESØ-	<i>Atlantic coast</i>	ES1-	<i>Centra, north-west</i>
ESØØ	Álava	ES1Ø	Avila
ESØ1	La Coruña	ES11	Burgos
ESØ2	Guipúzcoa	ES12	León
ESØ3	Lugo	ES13	La Rioja (Logroño)
ESØ4	Orense	ES14	Palencia
ESØ5	Asturias (Oviedo)	ES15	Salamanca
ESØ6	Pontevedra	ES16	Segovia
ESØ7	Santander	ES17	Soria
ESØ8	Vizcaya	ES18	Valladolid
		ES19	Zamora
ES2-	<i>Central, north-east</i>	ES3-	<i>North-east coast</i>
ES2Ø	Cuenca	ES3Ø	Barcelona
ES21	Guadalajara	ES31	Castellón
ES22	Huesca	ES32	Girona
ES23	Lérida	ES33	Tarragona
ES24	Navarra		
ES25	Teruel		
ES26	Zaragoza		
ES4-	<i>South-east coast</i>	ES5-	<i>Central, south</i>
ES4Ø	Albacete	ES5Ø	Badajoz
ES41	Alicante	ES51	Cáceres
ES42	Almeria	ES52	Ciudad Real
ES43	Murcia	ES53	Madrid
ES44	Valencia	ES54	Toledo
ES6-	<i>South</i>	ES7-	<i>Baleares</i>
ES6Ø	Cádiz	ES7Ø	Eivissa (Ibiza, incl. Formentera)
ES61	Córdoba	ES71	Mallorca (incl. Cabrera)
ES62	Granada	ES72	Menorca
ES63	Huelva		
ES64	Jaén		
ES65	Málaga		
ES66	Sevilla		
ES8-	Islas Canarias (former +HCN)		
ES8Ø	Isla de Tenerife		
ES81	Isla de La Palma		
ES82	Isla de La Gomera		
ES83	Isla el Hierro		
ES84	Isla de Gran Canaria		
ES85	Isla de Fuerteventura		
ES86	Isla de Lanzarote		

Alphabetical list of provinces of Spain:

Álava ES00
Albacete ES40
Alicante ES41
Almeria ES42
Asturias ES05
Avila ES10
Badajoz ES50
Balearic Islands ES7-
Barcelona ES30
Bilbao ES08
Biscaya ES08
Burgos ES11
Cabrera see Mallorca
Cáceres ES51
Cádiz ES60
Castellón ES31
Ciudad Real ES52
Córdoba ES61
Coruña ES01
Cuenca ES20
Eivissa ES70
Formentera see Eivissa
Girona ES32
Granada ES62
Guadalajara ES21
Guipúzcoa ES02
Huelva ES63
Huesca ES22
Ibiza see Eivissa
Islas Canarias ES8-
Isla de Fuerteventura ES85
Isla de La Gomera ES82
Isla de Gran Canaria ES84
Isla el Hierro ES83
Isla de Lanzarote ES86
Isla de La Palma ES81
Isla de Tenerife ES80
Jaén ES64
León ES12
Lleida ES23
Logroño ES13
Lugo ES03
Madrid ES53
Málaga ES65
Mallorca ES71
Menorca ES72
Murcia ES43
Navarra ES24
Ourense ES04
Oviedo ES05
Palencia ES14
Pamplona ES24
Pontevedra ES06

Salamanca ES15
San Sebastian ES02
Santander ES07
Saragossa ES26
Segovia ES16
Sevilla ES66
Soria ES17
Tarragona ES33
Teruel ES25
Toledo ES54
Valencia ES44
Valladolid ES18
Vizcaya ES08
Zamora ES19
Zaragoza ES26

Spanish West Africa Rio de Oro see Western Sahara

Sri Lanka ZEØØ

Sudan SSØØ

Suqutṛā YBØØ

Suriname SRØØ

Swaziland WPØØ

SWEDEN

SV-- Sweden

(provinces; the names of the former divisions are still in use, and these are given in brackets: the code numbers behind refer to the present division in the area of which the old province was situated)

SV4Ø	Alvsborg (Angermannland) SV6Ø, SV61	SV51	Malmöhus (Medelpad) SV61 (Närke) SV53
SV41	Blekinge Bohus SV43 (Dalarna) SV42, SV48 (Dalsland) SV4Ø (Gastrikland) SV42	SV52	Norrbottn Öland SV71
SV42	Gävleborg	SV53	Örebro
SV43	Göteborg och Bohus Gotland SV7Ø	SV54	Östergötland (Skåne) SV49, SV51
SV44	Halland (Hälsingland) SV42, SV45 (Härjedalen) SV45	SV55	Skaraborg (Småland) SV46, SV47, SV5Ø
SV45	Jämtland (Jämtland) SV45, SV61	SV56	Södermanland (Södermanland) SV56, SV57, SV62
SV46	Jönköping	SV57	Stockholm (city included) (Uppland) SV57, SV58, SV62
SV47	Kalmar	SV58	Uppsala
SV48	Kopparberg	SV59	Värmland (Värmland) SV59, SV53
SV49	Kristianstad	SV6Ø	Västerbottn (Västergotland) SV4Ø, SV43, SV55
SV5Ø	Kronoberg (Lapland) SV52, SV6Ø	SV61	Västernorrland
		SV62	Västmanland (Västmanland) SV62, SV53
		SV63	Skåne (including SV49 and SV51)
		SV64	Västra Götaland (including SV4Ø, SV43 and SV55)
		SV7Ø	Gotland
		SV71	Öland

Note that, if more convenient for the user, the codes SV51, SV49 and SV4Ø, SV43, SV55 still be used though these provinces are now included in resp. SV63 and SV64.

SWITZERLAND

HE-- Switzerland

HEAG	Aargau
HEAI	Appenzell Innerrhoden } Appenzell
HEAR	Appenzell Ausserrhoden }
HEBE	Bern/Berne
HEBL	Basseland } Basel
HEBS	Baselstadt }
HEFR	Fribourg/Freiburg
HEGE	Genève
HEGL	Glarus
HEGR	Graubünden
HEJU	Jura
HELU	Luzern
HENE	Neuchâtel
HENW	Nidwalden } Unterwalden
HEOW	Obwalden }
HESG	St. Gallen
HESH	Schaffhausen
HESO	Solothurn
HESZ	Schwyz
HETG	Thurgau
HETI	Ticino
HEUR	Uri
HEVD	Vaud
HEVS	Valais
HEZG	Zug
HEZH	Zürich

Old Swiss numeric code:

HE90	AG+LU
HE91	AL+AR+SG+TG
HE92	BL+BS+SO
HE93	BE
HE94	FR+GE+NE+VD
HE95	GL+SZ+NW+OW+UR+ZG
HE96	GR
HE97	SH+ZH
HE98	TI
HE99	VS

Syria SY00

Taiwan CX00

TAJIKISTAN

TD-- (SI55) Tajikistan

TDØ1 (SI55)	Gorno-Badakhshan (aut.distr.)	TDØ3 (SI55)	Dushanbe Oblast
TDØ2 (SI55)	Khatlon Oblast	TDØ4 (SI55)	Sogdi Oblast (former Leninabad)

Tanzania HTØØ

Tchad see Chad

Thailand FNTA

Tibet (see China) HAØØ

Togo XHØØ

Tunisia TOØØ

Turkey TUØØ

TURKMENISTAN

TM-- (SI5-) Turkmenistan

TMØ1 (????)	Balkan Velayat	TMØ3 (????)	Akhal Velayat
TMØ2 (????)	Dashogus Velayat	TMØ4 (????)	Lebap Velayat
TMØ5 (????)	May Velayat		

Uganda GGØØ

UK

The United Kingdom of Great Britain (England, Scotland and Wales) and Northern Ireland.

GENERAL COUNTRY CODES

England GBE-

N.Ireland GBU-

Scotland GBS-

Wales GBW-

GB-- Great Britain Two letter code for counties in England, Scotland, Wales & Northern Ireland (latter all start with U = Ulster). Initial two letters GB.

N.B. These are old county and regional boundaries, *not* those shown in the Times Atlas, these counties will be updated shortly (except for Northern Ireland).

GBAN	Anglesey	GBKE	Kent
GBAV	Avon	GBLA	Lancashire
GBBD	Bedfordshire	GBLE	Leicester & Rutland
GBBK	Berkshire	GBLI	Lincolnshire
GBBR	Border Region	GBLO	London (Greater)
GBBC	Buckingham	GBLR	Lothian Region
GBCA	Cambridge & Huntingdon	GBMA	Manchester (Greater)
GBCR	Central Region	GBME	Merseyside
GBCH	Cheshire	GBNK	Norfolk
GBCV	Cleveland	GBNH	Northamptonshire
GBCW	Clwyd	GBNL	Northumberland

GBCO	Cornwall	GBNY	North Yorkshire
GBCU	Cumbria	GBNT	Nottinghamshire
GBDB	Derby	GBOR	Orkney
GBDV	Devon	GBOX	Oxford
GBDO	Dorset	GBPO	Powys
GBDR	Dumfries & Galloway Region	GBSA	Salop
GBDU	Durham	GBSI	Scilly Isles
GBDY	Dyfed	GBSH	Shetland
GBES	Essex	GBSY	South Yorks
GBFI	Fair Isle	GBST	Staffordshire
GBFR	Fife Region	GBSC	Strathclyde Region
GBGM	Glamorgan (W.,Mid-&S.)	GBSO	Somerset
GBGL	Gloucester	GBSK	Suffolk
GBGR	Grampian Region	GBSR	Surrey
GBGT	Gwent	GBSX	Sussex (West & East)
GBGD	Gwynedd	GBTR	Tayside Region
GBHA	Hampshire (excl. L.o.W.)	GBTY	Tyne & Wear
GBHF	Hereford & Worcs.	GBWK	Warwickshire
GBHT	Hertfordshire	GBWI	Western Isles
GBHR	Highland Region	GBWM	West Midlands
GBHU	Humberside	GBWY	West Yorks
GBIM	Isle of Man	GBWT	Wiltshire
GBIW	Isle of Wight		

NORTHERN IRELAND

GBUN	Antrim
GBUR	Armagh
GBUD	Down
GBUF	Fermanagh
GBUL	Londonderry
GBUT	Tyrone

CIØØ CHANNEL ISLANDS

CIAL	Alderney
CIGU	Guernsey
CIHE	Herm
CIJE	Jersey
CISA	Sark

GIBRALTAR NBØØ

NB: For reasons unknown until now (August 2002) (because Cádiz = ES6Ø ?) Gibraltar was also coded as NB6Ø, see 'Code Manual New Euring' 1979 pages 32 (NB6Ø) and 55 (NBØØ).

Alphabetical list of departments of the UK:

Alderney CIAL
Anglesey GBAN
Antrim GBUN
Armagh GBUR
Avon GBAV
Bedfordshire GBBD
Berkshire GBBK
Border Region GBBR
Buckingham GBBC
Cambridge & Huntingdon GBCA
Central Region GBCR
Cheshire GBCH
Cleveland GBCV
Clwyd GBCW
Cornwall GBCO
Cumbria GBCU
Derby GBDB
Devon GBDV
Dorset GBDO
Down GBUD
Dumfries & Galloway Region GBDR
Durham GBDU
Dyfed GBDY
Essex GBES
Fair Isle GBFI
Fermanagh GBUF
Fife GBFR
Gibraltar NBØØ see Note above
Gibraltar NB6Ø see Note above
Glamorgan (W., Mid- & S.) GBGM
Gloucester GBGL
Grampian Region GBGR
Guernsey CIGU
Gwent GBGT
Gwynedd GBGD
Hampshire (excl. L.o.W.) GBHA
Hereford & Worcs. GBHF
Herm CIHE
Hertfordshire GBHT
Highland Region GBHR
Humberside GBHU
Isle of Man GBIM
Isle of Wight GBIW
Jersey CIJE
Kent GBKE
Lancashire GBLA
Leicester & Rutland GBLE
Lincolnshire GBLI
London (Greater) GBLO
Londonderry GBUL
Lothian Region GBLR
Manchester (Greater) GBMA
Merseyside GBME

Norfolk GBNK
North Yorkshire GBNY
Northamptonshire GBNH
Northumberland GBNL
Nottinghamshire GBNT
Orkney GBOR
Oxford GBOX
Powys GBPO
Salop GBSA
Sark CISA
Scilly Isles GBSI
Shetland GBSH
Somerset GBSO
South Yorks GBSY
Staffordshire GBST
Strathclyde Region GBSC
Suffolk GBSK
Surrey GBSR
Sussex (West & East) GBSX
Tayside Region GBTR
Tyne & Wear GBTY
Tyrone GBUT
Warwickshire GBWK
West Midlands GBWM
West Yorks GBWY
Western Isles GBWI
Wiltshire GBWT

UKRAINE

UK-- (SU5-) Ukraine

UK58	(SU58)	Kirovograd O.	UK67	(SU67)	Poltava O.
UK59	(SU59)	Kyiv O.	UK66	(SU66)	Odesa O.
UK57	(SU57)	Khmel'nitskiy O.	UK71	(SU71)	Ternopil' O.
UK63	(SU63)	Lviv O.	UK53	(SU53)	Dnipropetrovsk O.
UK61	(SU61)	Lugansk O. (Voroshilovgrad O.)	UK52	(SU52)	Chernivtsy O.
UK6Ø	(SU6Ø)	Krym	UK54	(SU54)	Donetsk O.
UK56	(SU56)	Kherson O.	UK55	(SU55)	Kharkiv O.
UK72	(SU72)	Zakarpatska O. (Uzhgorod)	UK69	(SU69)	Ivano-Frankivsk O.
UK68	(SU68)	Rivne O.	UK62	(SU62)	Volynska O. (Lutsk)
UK74	(SU74)	Zaporizhzhya O.	UK73	(SU73)	Vinnitsa O.
UK7Ø	(SU7Ø)	Sumy O.	UK51	(SU51)	Chernigiv O.
UK75	(SU75)	Zhitomir O.	UK5Ø	(SU5Ø)	Cherkassy O.
UK65	(SU65)	Mikolayiv O.			

United Arab Emirates JRØØ

Upper Volta, Haute Volta see Burkina

Uruguay SAUA

USA

NA-- United States of America (excl. Alaska, Hawaii, Puerto Rico)

NAAL	Alabama	NAMO	Montana
NAAZ	Arizona	NANA	Nebraska
NAAK	Arkansas	NANV	Nevada
NACA	California	NANH	New Hampshire
NACL	Colorado	NANJ	New Jersey
NACN	Connecticut	NANY	New York
NADE	Delaware	NANC	North Carolina
NADC	District of Columbia	NAND	North Dakota
NAFL	Florida	NAOH	Ohio
NAGE	Georgia	NAOK	Oklahoma
NAID	Idaho	NAOR	Oregon
NAIL	Illinois	NAPE	Pennsylvania
NAIN	Indiana	NARI	Rhode Island
NAIO	Iowa	NASC	South Carolina
NAKA	Kansas	NASD	South Dakota
NAKE	Kentucky	NATN	Tennessee
NALO	Louisiana	NATX	Texas
NAMA	Maine	NAUT	Utah
NAMY	Maryland	NAVE	Vermont
NAMS	Massachusetts	NAVI	Virginia
NAMC	Michigan	NAWA	Washington

NAMN Minnesota
NAMP Mississippi
NAMR Missouri

NAWV West Virginia
NAWI Wisconsin
NAWY Wyoming

VAØØ Alaska

UZBEKISTAN

UZ-- (SI57) Uzbekistan

UZØ1 (????)	Andizhan O.	UZØ8 (????)	Namangan O.
UZØ2 (????)	Bukhara O.	UZØ9 (????)	Navoi O.
UZØ3 (????)	Dzhizak O.	UZ1Ø (????)	Samarkand O.
UZØ4 (????)	Fergana O.	UZ11 (????)	Surkhandar'in O.(Termez)
UZØ5 (SI52)	Kara-Kalpak	UZ12 (????)	Syrdar'in O. (Gulistan)
UZØ6 (????)	Kashkadar'in O.(Karshi)	UZ13 (????)	Tashkent O.
UZØ7 (????)	Khorezm O. (Urgench)		

Still to do: what old USSR numbers do correspond to this new code?

Vatican City see Italy

Venezuela SJØØ

Vietnam FNVA

Wales see UK

Western Sahara, (Rio de Oro), (Spanish West Africa) NDØØ

Yemen JZØØ

YUGOSLAVIA

YU-- Yugoslavia

YU72 Crna-Gora (Montenegro)
YU74 Kosovo-Metohija
YU77 Srbija (Serbia)
YU78 Vojvodina

Zaire see Democratic Republic of Congo

Zambia ZMØØ

Zanzibar & Pemba QCØØ

Zimbabwe WSØØ.

ISLANDS and OCEANS

Place codes for other islands, for which codes have not so far been allocated, may be found below. If they are not specifically mentioned they should be included with the relevant ocean area but note AN

(Antarctica) and PI (Pacific Islands).

Otherwise uncoded **islands** in the following oceans:

ANØØ	Antarctica
PIØØ	Pacific Islands (all including Galapagos in East)
+AØØ	Arctic Ocean
+ABI	Bear Island (Bjørnøya)
+AJM	Jan Mayen
+ASV	Svalbard (Spitsbergen)
+BØØ	North Sea (see also UK, Denmark, Norway, the Netherlands, Belgium, Germany)
+CØØ	English Channel and Irish Sea (see also France, UK and Ireland)
+DØØ	Bay of Biscay
+EØØ	Baltic Sea (see also Norway, Denmark, Sweden, Finland, Estonia, Lithuania, Latvia)
+FØØ	Mediterranean Sea (see below)
+GØØ	Black and Caspian Seas
+HØØ	North Atlantic Ocean (other parts)
+HBE	Bermuda
+HCV	Cape Verde Islands
+IØØ	Other Oceans
+JØØ	Indian Ocean
IOØØ	British Indian Ocean Territories
MUØØ	Mauritius (incl. Rodrigues Island)
MVØØ	Maldives
REØØ	Reunion
SCØØ	Seychelles
TFØØ	French Southern Territories (Crozet Islands, Kerguelen, St. Paul, Amsterdam Island)
Azores	see Portugal
Canary Islands	see Spain
Madeira	see Portugal

Summary of codes for the larger Mediterranean Islands:

Aegean islands	GR8Ø
Baleares, Islas	ES7- (but see individual island codes)
Corse (Corsica)	FR9Ø
Crete	see Kriti
Cyclades	see Kyklades
Cyprus	CYØØ
Eivissa	ES7Ø
Elba	IA61
Formentera	ES7Ø
Gozo	MLØØ
Ibiza	see Eivissa
Kerkyra (Corfu)	GR81

Kerkyra (Ionian Islands)	GR81
Kriti	GR82
Kyklades	GR8Ø
Mallorca	ES71
Malta	MLØØ
Menorca	ES72
Pantelleria	IA65
Rhodos	GR8Ø
Sardegna (Sardinia)	IA62
Sicilia (Sicily)	IA63

AT SEA

Birds found floating **at sea** or found on ships or other man-made structures rather than islands are coded as if found on uncoded islands but with an initial - rather than +.

-AØØ	Arctic Ocean
-BØØ	North Sea
-CØØ	English Channel and Irish Sea
-DØØ	Bay of Biscay
-EØØ	Baltic Sea
-FØØ	Mediterranean Sea
-GØØ	Black and Caspian Seas
-HØØ	North Atlantic Ocean (other parts)
-IØØ	Other Oceans
-JØØ	Indian Ocean

GEOGRAPHICAL CO-ORDINATES

alphanumeric, fifteen columns (61 - 75)

Latitude:

North and South co-ordinates are given in:

- Quadrant, North is "+" and South is "-" (1 digit).
- Degrees, in a range from 0 to 90 (2 digits).
- Minutes, in a range from 0 to 60 (2 digits).
- Seconds, in a range from 0 to 60 (2 digits).

Longitude:

East and West co-ordinates are given in:

- Quadrant, East is "+" and West is "-" (1 digit).
- Degrees, in a range from 0 to 180 (3 digits).
- Minutes, in a range from 0 to 60 (2 digits).
- Seconds, in a range from 0 to 60 (2 digits).

NOTE.

When the co-ordinates are not known exactly, for example the subdivision in seconds is not known, make a best estimate and code the field "accuracy of co-ordinates" accordingly.

Do **not** code: +5157-- when the seconds are not known.

A few examples:

+340311-1181456	(34° 3' 11" N	118° 14' 56" W)	USA, Los Angeles
+592624+0244741	(59° 26' 24" N	24° 47' 41" E)	Estonia, Tallinn
+515706+0054513	(51° 57' 06" N	5° 45' 13" E)	Netherlands, Vogeltrekstation
+522526+0004449	(52° 25' 26" N	0° 44' 49" E)	England, Thetford
-335405+0182902	(33° 54' 05" S	18° 29' 2" E)	South Africa, Cape Town
-351748+1490731	(35° 17' 48" S	149° 7' 31" E)	Australia, Canberra
+474425+0085853	(47° 44' 25" N	8° 58' 53" E)	Germany, Radolfzell
+620238+1294221	(62° 2' 38" N	129° 42' 21" E)	Russian Federation, Yakutsk
-210832-1751218	(21° 8' 32" S	175° 12' 18" W)	Toku Islands, Nuku'alofa
+384352-0092634	(38° 43' 52" N	9° 26' 34" W)	Portugal, Lisboa
-225439-0431322	(22° 54' 39" S	43° 13' 22" W)	Brasil, Rio de Janeiro

Co-ordinates according to the cdrom: "Worldmap" from Wolters-Noordhof, the Netherlands.

ACCURACY OF CO-ORDINATES

numeric, one column (76)

- Ø Accurate to the given co-ordinates.
- 1 Somewhere in a circle with radius 5 km (3.1 mile).
- 2 Somewhere in a circle with radius 1Ø km (6.2 mile).
- 3 Somewhere in a circle with radius 2Ø km (12.4 mile).
- 4 Somewhere in a circle with radius 5Ø km (31.1 mile).
- 5 Somewhere in a circle with radius 1ØØ km (62.2 mile).
- 6 Somewhere in a circle with radius 5ØØ km (31Ø.8 mile).
- 7 Somewhere in a circle with radius 1ØØØ km (621.5 mile).
- 8 Reserved for the future.
- 9 Somewhere in the country or region given in the field 'Place Code' (57-6Ø)

NOTE.

When information about the accuracy of data in a particular field is required the accuracy is normally given in the same units of measurements as the main data. This causes a problem for co-ordinates as an inaccuracy in longitude of one degree on the equator has a higher impact than one degree in the north of Norway. Therefore the accuracy of co-ordinates is given in kilometers.

CONDITION

numeric, one column (77)

- Ø Condition completely unknown.
- 1 Dead but no information on how recently the bird had died (or been killed).
- 2 Freshly dead - within about a week.
- 3 Not freshly dead - information available that it had been dead for more than about a week.
N.B. for very long dead birds, use '9' in the field "accuracy of date", as well as 3 here.
- 4 Found sick, wounded, unhealthy etc. and known to have been released.
- 5 Found sick, wounded, unhealthy etc. and not released or not known if released.
- 6 Alive and probably healthy but taken into captivity.
- 7 Alive and probably healthy and certainly released.
- 8 Alive and probably healthy and released by a ringer.
- 9 Alive and probably healthy but ultimate fate of bird is not known.

NOTE.

Only where the finder provides wholly reliable information enabling a better estimate of the date of death to be determined from the circumstances of finding should that date of death be used (with appropriate accuracy code). Where there is any doubt the *finding* date must be coded and not an unreliable estimated date of death. For example:

- a. The bird was dead about three weeks. Code date of finding and 3.
- b. I visit the local lake every day to bird watch and noticed, on 1st January 1978, the body of a swan on an island. The bird had not been there the previous day. On 15th February a fisherman took me to the island in his boat and I found the enclosed ring on the Swan's remains. Code Ø1Ø11978 and 2, not 15Ø21978 and 3.

This column codes CONDITION of the bird when found and is only modified by other columns where, as already mentioned above, '9' in the field "accuracy of date" is used to indicate that a bird has been dead for a very long time.

CIRCUMSTANCES

numeric, two columns (78 - 79)

Two digit numeric and hierarchic code; primary divisions as follows:

- 99 Totally unknown circumstance: not even stated to be 'found'.
- Ø Unknown circumstances or unknown whether through man's agency or naturally (includes attracted to domestic animals).
 - 1 Intentionally by man - shot.
 - 2 Intentionally by man - other means (includes trapped, poisoned, ring number read in field etc.). **All captures (=ringing data) and recaptures (caught and released).**
 - 3 Accidentally by man - 'pollution'.
 - 4 Accidentally through human agency (not 'pollution'): includes traffic accidents, collision with wires etc., entering man-made artefacts, accidents with machinery, drowned at artificial water. NB: attracted to domestic animals is Ø.
 - 5 Natural causes - diseases and other natural ailments.
 - 6 Predation by any animal other than man (except hunted by falconer's bird - which would be covered by 2 above).
 - 7 Other 'natural causes'. Drowned (natural water bodies), trapped, tangled and collided with natural objects and also climate and starvation (or thirst).
 - 8 Bird identified from something else than the metal ring.

When coding circumstances the following fields should be considered:

- manipulated (column 3Ø, page no 43),
- circumstances presumed (column 8Ø, page no 115),
- moved before the capture / recapture / recovery (column 31, page no 44).

Primary Division: Miscellaneous.

numeric, column 78: 9 or Ø.

Unknown, attracted to domestic animals, on ship, ringing casualty (whether through ringer or ring).

- 99 No information at all, ring number written on postcard (for example) with no mention of the bird, whether found, whether dead or alive.
- ØØ 'Found' (letter reports 'found'), no mention of the bird or its body in recovery report.
- Ø1 Found, bird or body mentioned in recovery letter.
- Ø2 Ring only found in circumstances where the bird could have ended its life without transported information in the field "moved before capture / recapture / recovery was done". That field to be used to indicate that ring had been moved e.g. found at Post Office, in chest of drawers etc.
- Ø3 Ring and leg only found in natural circumstances (the field "move before capture / recapture / recovery was done used as above).
- Ø4 Code Ø4 is not used.

- Ø5 Code Ø5 is not used.
- Ø6 Found on ship unless there is further indication that the bird was caught in fishing gear, hit wires, attracted to lights etc. where these should be coded rather than Ø6.
- Ø7 Joined or attracted to domestic animals or birds. NB: 12 or 22 should be used if the bird has been shot or trapped to protect the birds or animals to which it has been attracted.
- Ø8 Dead or seriously harmed by ringer through catching or handling processes.
- Ø9 Recovery caused by the ring or mark on the bird - this includes becoming entangled because of the ring and being recovered as a result of injuries caused by the ring.

Primary Division: Shot.
numeric, column 78: 1

- 1Ø Shot – not for reasons 12-16 below.
- 11 Found shot.
- 12 Shot to protect crops, foodstuffs, animals or game species.
- 13 Shot in the course of nature protection procedures (e.g. gulls culled to protect young waders or terns, gulls culled to provide nesting habitat for other species).
- 14 Shot to protect human life - air-strike prevention, human health consideration (roosts on buildings, gulls roosting on drinking water reservoirs).
- 15 Shot to provide plumage for decoration or commerce (taxidermy, fishing lures etc.) OR shot as part of a scientific investigation (but NOT because the individual was ringed).
- 16 Shot because it was ringed or marked.
- 17 Code 17 is not used.
- 18 Code 18 is not used.
- 19 'Capturado', 'tué', 'chasse', 'tué à la chasse' etc. - words or phrases used in various languages indicating that the bird has been 'hunted' and is likely to have been shot in the majority of cases rather than to have been taken by other means.

Primary Division: Intentionally by Man (not shot).
numeric, column 78: 2

- 2Ø Hunted, trapped, poisoned intentionally by man (NB: not shot). Not for reasons set out 21-29 below.
- 21 Trapped for caging - may be used with the condition code to deal with birds found in captivity and with the field "moved before recovery was done" to deal with birds not caught at the finding place. NB: birds taken into captivity for treatment are not included here.
- 22 Trapped, poisoned etc., to protect crops, foodstuffs, animals or game species. Compare with 12 above.
- 23 Trapped, poisoned etc., during nature protection procedures. Compare 13 above.
- 24 Trapped, poisoned etc., to protect human life. Compare 14 above.
- 25 Trapped, poisoned etc., for plumage or during scientific investigation. Compare 15 above.
- 26 Trapped, poisoned etc., because it was ringed. Compare 16 above.
- 27 Found at or in nest-box or other structure specially placed or modified by man for birds to use. Compare 46 below.
- 28 Ring number of metal ring read in field without the bird being caught.
- 29 See primary division 8.

Primary Division: Accidentally by Man - 'Pollution'.

numeric, column 78: 3

- 30 Oil.
- 31 Contact with discarded human materials (old tins, discarded fishing line, metal swarf, sticky substances (not oil) etc.).
- 32 Contact with human artefacts which are still in use and NOT intended as protection against birds or set to trap birds or other animals - e.g. tangled in barbed wire, caught in sports netting, caught in fish-nets hanging to dry on the shore.
- 33 Entangled in crop protection nets(include fruit netting, nets over stored food-stuffs or over fish-ponds. Threads or fibres, not made into nets, but used for crop protection also included here).
- 34 Accidentally trapped where the intention was to trap other species of birds or vertebrates (e.g. *Erithacus rubecula* in trap for *Pyrrhula pyrrhula* in an orchard, a bird caught in mouse-trap, a bird caught in fish nets or on fish-hook WHILST nets or hook were being used to catch fish).
- 35 Electrocuted. This over-rides codes for 'Hit wires' (43) or 'Entered building' (46) where there is good evidence that the bird would not have been recovered if it were not for the electrocution.
- 36 Radio-activity.
- 37 Poisoned through chemical pollution. Chemical identified (one or more may be involved) and details available from national ringing centre (e.g. Metallic lead poisoning for *Cygnus olor*, Dieldrin for a raptor). NB: If there is evidence that the chemical was being used intentionally see codes 20-26 and 34.
- 38 Poisoned through chemical pollution but identity of chemical agent (agents) not known (see 37 above).

Primary Division: Accidentally through human agency (not 'pollution').

numeric, column 78: 4

NB: 40-42 traffic accidents,
43-45 collisions with static objects.

- 40 Road - used with the field "circumstances presumed" (column 78, page no 110) to indicate as follows:
 - 0 in field "circumstances presumed": definitely through impact with road vehicle.
 - 1 in field "circumstances presumed": dead on road, traffic accident presumed.
 - 2 in field "moved before recovery": hit by vehicle, moved from point of impact by it.
- 41 Railway, used with the field "circumstances presumed" as above.
- 42 Aircraft, used with the field "circumstances presumed" as above. Care needs to be taken as to whether impact with aircraft or ground vehicle is cause of recovery on airfields. When in doubt code 42 and 1 in the field "circumstances presumed".
- 43 Collision with (or presumed) THIN man-made structure-wires, wires, masts, cables, ship's rigging, aerials etc. (see below for THICK.)
- 44 Collision with (or presumed) glass or other transparent materials -windows, wind-breaks, windows of static vehicles.
- 45 Collision with (or presumed) THICK man-made structure, building, bridge etc.
- 46 Entered man-made structure NOT built or modified to trap animals (see 34) or as a nest-box (see 27) - building, letter-box, etc. See also the field "status" for coding of roosting, breeding etc.

- 47 Attracted to lights (not being used as a deliberate trapping method) - often associated with foggy weather – NB: P or S in the field “status” indicates at lighthouse or light-ship.
- 48 Recovered as a result of active human occupation. The analyst may use this as a flag to obtain further information since many different sorts of record will receive this code. For example:
 - Industrial (e.g. caught in moving belt, blasting operation at mine).
 - Agricultural (e.g. caught in automatic vent of greenhouse, trapped by plough)
 - Forestry (e.g. killed by tree being felled, crushed between floating logs)
 - Sporting (e.g. killed by golf ball, caught by fielder in cricket match)
 - Military (e.g. killed on bombing range, concussed by artillery fire).
- 49 Drowned in artificial water container-water butt, forestry fire tank etc. where the edges of the water surface are artificial and may trap any bird in the water (NB: category 7Ø would apply to a garden pond).

Primary Division: Natural Causes - Diseases etc.

numeric, column 78: 5

- 5Ø Contusions, breaks, general trauma where no other cause given.
- 51 Malformations (congenital, mechanical (e.g. from broken bill) or from tumours).
- 52 Fungal infections (e.g. aspergillosis etc.).
- 53 Viral infections.
- 54 Bacterial infections (but see 56 below).
- 55 Other endo-parasites (e.g. blood-parasites, nematodes, trematodes etc.).
- 56 Botulism.
- 57 Red-tide (dinoflagellate poisoning).
- 58 Combination of any of the above without definite single cause being known.
- 59 Veterinary examination made and report available - no positive conclusions.

Primary Division: Predated, other than by Man.

numeric, column 78: 6

NB: Taken by trained falconer's bird should be coded 2Ø.

- 6Ø Taken by unspecified animal.
- 61 Taken by cat.
- 62 Taken by other domestic animal or one in captivity (e.g. farmed mink or zoo animals: includes poultry, reptiles etc. in captivity).
- 63 Taken by wild or feral mammal (include escaped mink).
- 64 Taken by owl or raptor - exact identification of predator available.
- 65 Taken by owl or raptor - exact identification of predator not known.
- 66 Taken by other species of bird (not conspecific).
- 67 Taken by conspecific.
- 68 Taken by reptile, amphibian or fish.
- 69 Taken by other animals (e.g. wasps, ants, bees, spiders etc).

IMPORTANT

As with all other parts of the field “circumstances”, the actual fact of killing is given in the code typed for the field “condition”. In practice 861 could be used for an apparently healthy bird taken by a ringer from a cat and released.

Primary Division: Other Natural Circumstances.

numeric, column 78: 7

- 70 Drowned - note 49 if in an artificial water container, note also "moved before capture / recapture / recovery" (column 31, page no 44).
- 71 Tangled in natural object (e.g. tree, sheep's wool etc.). NB: tangling in ring or mark is coded 09.
- 72 In natural hole or cave. NB: the field "status" (breeding, roosting etc. to be coded), (column 38, page no 49).
- 73 Collided with any sort of natural object (e.g. tree, cliff etc.). If collision during violent storm etc. code as 78.
- 74 Poor condition with indication that cold weather was cause.
- 75 Poor condition with indication that hot weather was cause.
- 76 Poor condition, starvation or thirst may be mentioned but no indication of cause leading to poor condition of the bird.
- 77 Caught in ice.
- 78 Violent climatological phenomena were involved in the recovery - strong winds, tempests, hail, whirlwind, floods etc.

Primary Division: Bird identified as an individual in the field from something other than the metal ring (bird not caught).

numeric, column 78: 8

- 80 Bird identified as an individual in the field by something else than the metal ring.
- 81 Bird identified from coloured or numbered legring(s).
- 82 Bird identified from coloured or numbered neckring(s).
- 83 Bird identified from wingtags.
- 84 Bird identified with radio tracking.
- 85 Bird identified with satellite tracking.
- 86 Bird identified from transponder.
- 87 Bird identified from nasal mark(s).
- 88 Bird identified from flight feather(s) stamped with the ringnumber.
- 89 Bird identified from body- or wing painting.

CIRCUMSTANCES PRESUMED

numeric, one column (80)

- Ø No doubt about the circumstances.
- 1 Circumstances presumed.

CIRCUMSTANCES PRESUMED can be used in combination with the entries in the field "circumstances" to modify the circumstances, e.g. changes 43 'Killed against wires' to 'Found under wires' etc.

EURING CODE IDENTIFIER

numeric, one column (81)

This column identifies which version of coding (1966, 1979 or 2000) is used.

- Ø '*EURING Code Manual*' (1966). Directly coded (no translation).
- 1 '*Code Manual New EURING*' (1979). Translated from '*EURING Code Manual*' (1966). This was done by computer with a very small minority of records needing to be investigated by each ringing centre. The co-ordinates on these cards will always have the minutes divisible by 6, having been translated from old EURING cards with tenths of degrees typed.
- 2 '*Code Manual New EURING*' (1979). Directly coded (no translation of older codes).
- 3 '*EURING exchange-code 2000*' (2001). Translated from older codes.
- 4 '*EURING exchange-code 2000*' (2001). Directly coded (no translation of older codes).

DERIVED DATA

DISTANCE

alphanumeric, five columns (82 - 86)

Calculated by computer (Imboden & Imboden 1972) as the distance between the current record and the first record (=ringing data). The distance is given in kilometres (00000 - 99999).

A distance is always calculated, even if the geographical co-ordinates are given as inaccurate. Users should check the field 'accuracy of co-ordinates' (column 76, page no 108).

NB1: of course the distance is not present in the first record (=ringing data), in that case code: ----- (five 'hyphens').

NB2: you can compute distance and direction between two sets of co-ordinates according to 'orthodrome' (shortest distance) or 'loxodrome' (constant direction), the two methods can give rather different results (Imboden & Imboden 1972). The method preferred by EURING is 'loxodrome'. Scientists should check which method is used in the data you did receive, or better: compute it yourself.

Imboden C. & D. Imboden 1972. *Formel für Orthodrome und Loxodrome bei der Berechnung von Richtung und Distanz zwischen Beringungs- und Wiederfundort*. Die Vogelwarte 26(4): 336-346.

DIRECTION

alphanumeric, three columns (87 - 89)

Calculated by computer (Imboden & Imboden 1972) as the direction between the current record and the first record (=ringing data). The direction is given in degrees (000 - 359).

A direction is always calculated, even if the geographical co-ordinates are given as inaccurate. Users should check the field 'accuracy of co-ordinates' (column 76, page no 108).

NB1: of course the direction is not present in the first record (=ringing data). In that case code: --- (three 'hyphens').

NB2: you can compute distance and direction between two sets of co-ordinates according to 'orthodrome' (shortest distance) or 'loxodrome' (constant direction), the two methods can give rather different results (Imboden & Imboden 1972). The method preferred by EURING is 'loxodrome'. Scientists should check which method is used in the data you did receive, or better: compute it yourself.

Imboden C. & D. Imboden 1972. *Formel für Orthodrome und Loxodrome bei der Berechnung von Richtung und Distanz zwischen Beringungs- und Wiederfundort*. Die Vogelwarte 26(4): 336-346.

ELAPSED TIME

alphanumeric, five columns (90 - 94)

Calculated as the elapsed time between the current record and the first record (=ringing data). The elapsed time is given in days (00000 - 99999).

Elapsed time is always calculated, even if the date is given as inaccurate. Users should check the field 'accuracy of date' (column 52, page no 54).

NB: of course the elapsed time is not given on the first record (=ringing data), in that case code: ----- (five 'hyphens').

BIOMETRICS

Reserved columns 151-200

(Wing length, Primary length, Weight, Tarsus, Fat, Skull ossification, Molt, Tail length, Tail difference, Bill length, Bill depth, Bill width, Head and bill, Toe, Claws, etc. etc.).

For measuring techniques see:

Bairlein F. (ed.) 1995. *Manual of Field Methods. European-African songbird migration network*. Revised edition. Vogelwarte Helgoland, Wilhelmshaven.

Baker K. 1993. *Identification Guide to European Non-Passerines*. BTO guide 24. BTO, Thetford. ISBN 0-903793-18-0.

Berthold P. & W. Friedrich 1979. *Die Federlänge: Ein neues nützliches Flügelmaß*. Die Vogelwarte 30: 11-21.

Ginn H.B. & D.S. Melville 1983. *Moult in birds*. BTO guide 19. BTO, Tring. ISBN 0-903793-02-4.

Jenni L. & R. Winkler 1994. *Moult and ageing of European Passerines*. London. ISBN 0-12-384150-X.

Kaiser A. 1993. *A new multi-category classification of subcutaneous fat deposits of songbirds*. Journal of Field Ornithology 64: 246-255.

Pyle P., S.N.G. Howell, R.P. Yunick & D. DeSante 1997. *Identification Guide to North American Passerines*. Slate Creek Press, Bolinas. ISBN 0-9618940-0-8.

Svensson L. 1992. *Identification Guide of European Passerines*. Fourth edition. Svensson, Stockholm. ISBN 91-630-1118-2.

Extensive literature is cited in Svensson (1992).

THANKS.

Many thanks are for my dad B.J. (Bé) Speek. He typed in almost the complete old '*Code Manual New EURING*' (1979), quite a job. He improved the spelling of all countries and provinces comparing to the 10th edition of "The Times Comprehensive Atlas of the World" and checked and rechecked and re... this '*EURING exchange-code 2000*'. We had many hours of discussion, lots of new ideas were born (and many of them rejected). His contribution in creating the '*Code Manual New EURING*' (1979) was a great help for me. Dad thank you.

Gerrit Speek

The EURING exchange-code 2000.

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ISBN: 90-74638-13-9

Appendix 1.

List of European bats.

In the year 2004 the Finnish Scheme did make a start to archive bat ringing. They want to use the EURING code as the basics of their administration of bat ringing and recoveries. Therefore a list of European bats is added in this appendix.

EURING nr.	genus	species	English name
50010	<i>Rousettus</i>	<i>Aegyptiacus</i>	Egyptian rousette
50020	<i>Rhinolophus</i>	<i>ferrumequinum</i>	Greater horseshoe bat
50030	<i>Rhinolophus</i>	<i>hipposideros</i>	Lesser horseshoe bat
50040	<i>Rhinolophus</i>	<i>euryale</i>	Mediterranean horseshoe bat
50050	<i>Rhinolophus</i>	<i>blasii</i>	Blasius' horseshoe bat
50060	<i>Rhinolophus</i>	<i>mehelyi</i>	Mehely's horseshoe bat
50070	<i>Myotis</i>	<i>daubentonii</i>	Daubenton's bat
50080	<i>Myotis</i>	<i>capacinii</i>	Long-fingered bat
50090	<i>Myotis</i>	<i>dasycneme</i>	Pond bat
50100	<i>Myotis</i>	<i>brandtii</i>	Brandt's bat
50110	<i>Myotis</i>	<i>mystacinus</i>	Whiskered bat
50120	<i>Myotis</i>	<i>emarginatus</i>	Geoffroy's bat
50130	<i>Myotis</i>	<i>nattereri</i>	Natterer's bat
50140	<i>Myotis</i>	<i>bechsteinii</i>	Bechstein's bat
50150	<i>Myotis</i>	<i>myotis</i>	Greater mouse-eared bat
50160	<i>Myotis</i>	<i>blythii</i>	Lesser mouse-eared bat
50170	<i>Nyctalus</i>	<i>noctula</i>	Noctule
50180	<i>Nyctalus</i>	<i>leisleri</i>	Leisler's bat
50190	<i>Nyctalus</i>	<i>azoreum</i>	Azores noctule
50200	<i>Nyctalus</i>	<i>lasiopterus</i>	Greater noctule
50210	<i>Eptesicus</i>	<i>serotinus</i>	Serotine
50220	<i>Eptesicus</i>	<i>nilsonii</i>	Northern bat
50230	<i>Eptesicus</i>	<i>bottae</i>	Botta's serotine
50240	<i>Vespertilio</i>	<i>murinus</i>	Parti-coloured bat
50250	<i>Pipistrellus</i>	<i>pipistrellus</i>	Pipistrelle
50260	<i>Pipistrellus</i>	<i>pygmaeus</i>	Pigmy pipistrelle
50270	<i>Pipistrellus</i>	<i>nathusii</i>	Nathusius' pipistrelle
50280	<i>Pipistrellus</i>	<i>kuhlii</i>	Kuhl's pipistrelle
50290	<i>Pipistrellus</i>	<i>maderensis</i>	Madeira pipistrelle
50300	<i>Hypsugo</i>	<i>savii</i>	Savi's pipistrelle
50310	<i>Plecotis</i>	<i>auritus</i>	Long-eared bat
50320	<i>Plecotis</i>	<i>austriacus</i>	Grey long-eared bat
50330	<i>Plecotis</i>	<i>teneriffae</i>	Canary long-eared bat
50340	<i>Barbastella</i>	<i>barbastellus</i>	Barbastelle
50350	<i>Miniopterus</i>	<i>schreibersii</i>	Schreiber's bat
50360	<i>Tadarida</i>	<i>teniotis</i>	European free-tailed bat

Appendix 2.

World-list of sea-mammals.

EURING nr.	genus - species	English name
61000		a whale or dolphin
61010		a whale
61020		a large whale
61030		a large whale, indistinct dorsal
61040		a large whale, distinct dorsal
61050		a medium whale
61060		Sei / Minke / Bottlenose
61070		a small whale
62020		large whale, no dorsal
62030	<i>Balaena mysticetus</i>	Bowhead Whale
62040	<i>Balaena glacialis</i>	Right Whale
62050	<i>Caperea marginata</i>	Pygmy Right Whale
62110	<i>Eschrichtius robustus</i>	Gray Whale
62210		a large Balaenoptera spec.
62220	<i>Balaenoptera musculus</i>	Blue Whale
62230	<i>Balaenoptera physalus</i>	Fin Whale
62240	<i>Balaenoptera borealis</i>	Sei Whale
62250	<i>Balaenoptera edeni</i>	Bryde's Whale
62260	<i>Balaenoptera acutorostrata</i>	Minke Whale
62270	<i>Megaptera novaeangliae</i>	Humpback Whale
62520	<i>Physeter macrocephalus</i>	Sperm Whale
62530	<i>Kogia breviceps</i>	Pygmy Sperm Whale
62540	<i>Kogia simus</i>	Dwarf Sperm Whale
62610	<i>Monodon monoceros</i>	Narwhal
62620	<i>Delphinapterus leucas</i>	Beluga Whale
62630	<i>Orcaella brevirostris</i>	Irrawaddy Dolphin
62710	<i>Berardius bairdii</i>	Baird's Beaked Whale
62720	<i>Berardius arnuxii</i>	Arnoux's Beaked Whale
62730	<i>Tasmacetus shepherdi</i>	Shepherd's Beaked Whale
62740	<i>Ziphius cavirostris</i>	Cuvier's Whale
62750	<i>Hyperoodon ampullatus</i>	Northern Bottlenose Whale
62760	<i>Hyperoodon planifrons</i>	Southern Bottlenose Whale
62770		Mesoplodon spec., beaked whale
62780	<i>Mesoplodon pacificus</i>	Longman's Beaked Whale
62790	<i>Mesoplodon hectori</i>	Hector's Beaked Whale
62800	<i>Mesoplodon mirus</i>	True's Beaked Whales
62810	<i>Mesoplodon europaeus</i>	Gervais' Beaked Whale
62820	<i>Mesoplodon ginkgodens</i>	Ginkgo-toothed Beaked Whale
62830	<i>Mesoplodon grayi</i>	Gray's Beaked Whale
62840	<i>Mesoplodon stejnegeri</i>	Stejneger's Beaked Whale
62850	<i>Mesoplodon carlhubbsi</i>	Hubbs' Beaked Whale
62860	<i>Mesoplodon bowdoini</i>	Andrews' Beaked Whale
62870	<i>Mesoplodon layardii</i>	Straptoothed Whale
62880	<i>Mesoplodon bidens</i>	Sowerby's Whale
62890	<i>Mesoplodon densirostris</i>	Blainville's Whale
63010		a medium whale, large fin
63020	<i>Orcinus orca</i>	Killer Whale

63030		Globicephala or Pseudorca
63040	<i>Pseudorca crassidens</i>	False Killer Whale
63050	<i>Feresa attenuata</i>	Pygmy Killer Whale
63060	<i>Peponocephala electra</i>	Melon-headed Whale
63070	<i>Globicephala melaena</i>	Long-finned Pilot Whale
63080	<i>Globicephala macrorhynchus</i>	Short-finned Pilot Whale
63110		a dolphin
63120		a patterned dolphin
63130		an unpatterned dolphin
63140	<i>Souza chinensis</i>	humpback dolphins
63150	<i>Souza teuszii</i>	humpback dolphins
63160	<i>Souza plumbea</i>	humpback dolphins
63170	<i>Steno bredanensis</i>	Rough-toothed Dolphin
63180	<i>Sotalia fluviatilis</i>	Tucuxi
63190	<i>Tursiops truncatus</i>	Bottlenose Dolphin
63200	<i>Stenella coeruleoalba</i>	Striped Dolphin
63210	<i>Stenella attenuata</i>	Pantropical Spotted Dolphin
63220	<i>Stenella longirostris</i>	Spinner Dolphin
63230	<i>Stenella clymene</i>	Clymene Dolphin
63240	<i>Stenella frontalis</i>	Spotted Dolphin
63250	<i>Delphinus delphis</i>	Common Dolphin
63260		a Lagenorhynchus spec.
63270	<i>Lagenorhynchus albirostris</i>	White Beaked Dolphin
63280	<i>Lagenorhynchus acutus</i>	Atlantic White-sided Dolphin
63290	<i>Lagenorhynchus obliquidens</i>	Pacific White-sided Dolphin
63300	<i>Lagenorhynchus obscurus</i>	Dusky Dolphin
63310	<i>Lagenorhynchus australis</i>	Peale's Dolphin
63320	<i>Lagenorhynchus cruciger</i>	Hourglass Dolphin
63330	<i>Lagenodelphis hosei</i>	Fraser's Dolphin
63340	<i>Cephalorhynchus heavisidii</i>	Heaviside's Dolphin
63350	<i>Cephalorhynchus eutropia</i>	Chilean Dolphin
63360	<i>Cephalorhynchus hectori</i>	Hector's Dolphin
63370	<i>Cephalorhynchus commersonii</i>	Commerson's Dolphin
63380	<i>Lissodelphis borealis</i>	Northern Right Whale Dolphin
63390	<i>Lissodelphis peronii</i>	Southern Right Whale Dolphin
63400	<i>Grampus griseus</i>	Risso's Dolphin
63510	<i>Phocoena phocoena</i>	Harbour Porpoise
63520	<i>Phocoena sinus</i>	Vaquita
63530	<i>Australophocaena dioptrica</i>	Spectacled Porpoise
63540	<i>Phocoena spinipinnis</i>	Burmeister's Porpoise
63550	<i>Neophocaena phocaenoides</i>	Finless Porpoise
63560	<i>Phocoenoides dalli</i>	Dall's Porpoise
63610	<i>Platanista gangetica</i>	Ganges River Dolphin
63620	<i>Platanista minor</i>	Indus River Dolphin
63630	<i>Inia geoffrensis</i>	Boto
63640	<i>Lipotes vexillifer</i>	Baiji
63650	<i>Pontoporia blainvillei</i>	Franciscana
64010	<i>Eumetopias jubatus</i>	Steller's Sea Lion
64020	<i>Zalophus californianus</i>	Californian Sea Lion
64030	<i>Otaria byronia</i>	Southern Sea Lion
64040	<i>Neophoca cinerea</i>	Australian Sea Lion
64050	<i>Phocarcos hookeri</i>	New Zealand Sea Lion
64060	<i>Arctocephalus townsendi</i>	Guadalupe Fur Seal
64070	<i>Arctocephalus galapagoensis</i>	Galapagos Fur Seal
64080	<i>Arctocephalus philippii</i>	Juan Fernandez Fur Seal

64090	<i>Arctocephalus australis</i>	South American Fur Seal
64100	<i>Arctocephalus tropicalis</i>	Subantarctic Fur Seal
64110	<i>Arctocephalus gazella</i>	Antarctic Fur Seal
64120	<i>Arctocephalus pusillus</i>	Cape/Australian Fur Seal
64130	<i>Arctocephalus forsteri</i>	New Zealand Fur Seal
64140	<i>Callorhinus ursinus</i>	Northern Fur Seal
64210	<i>Odobenus rosmarus</i>	Walrus
64310		an unidentified pinniped
64320	<i>Halichoerus grypus</i>	Grey Seal
64330	<i>Phoca vitulina</i>	Common Seal
64340	<i>Phoca largha</i>	Largha Seal
64350	<i>Phoca hispida</i>	Ringed Seal
64360	<i>Phoca caspia</i>	Caspian Seal
64370	<i>Phoca siberica</i>	Baikal Seal
64380	<i>Phoca groenlandica</i>	Harp Seal
64390	<i>Phoca fasciata</i>	Ribbon Seal
64400	<i>Cystophora cristata</i>	Hooded Seal
64410	<i>Erignathus barbatus</i>	Bearded Seal
64420	<i>Monachus monachus</i>	Mediterranean Monk Seal
64430	<i>Monachus tropicalis</i>	West Indian Monk Seal
64440	<i>Monachus schauinslandi</i>	Hawaiian Monk Seal
64450	<i>Leptonychotes weddelli</i>	Weddell Seal
64460	<i>Ommatophoca rossi</i>	Ross Seal
64470	<i>Lobodon carcinophagus</i>	Crabeater
64480	<i>Hydrurga leptonyx</i>	Leopard Seal
64490	<i>Mirounga leonina</i>	Southern Elephant Seal
64500	<i>Mirounga angustirostris</i>	Northern Elephant Seal

UPDATE INFORMATION:

Do you want to mention a mistake, fault or addition or whatever improvement:

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- Jul 21, 2001 First release as a draft on the website of EURING.
- Aug 14, 2001 (a) Administrative divisions of Tajikistan and Turkmenistan updated, based on research by the Moscow Scheme; (b) footer with page numbers added.
- Aug 21, 2001 Information received from Aevan Petersen, Reykjavik Scheme: (a) the old Peter Skovgaard Viborg Scheme was operating in Iceland before the Reykjavik Scheme, so within the *Ringing Scheme (col. 1-3)* Skovgaard is mentioned as an extinct scheme in Iceland; (b) catching method "G" added; (c) Iceland is now subdivided in 27 counties; (d) information received from Kjeld Pedersen, København Scheme: subdivision Denmark updated.
- Aug 28, 2001 (a) Many minor spelling updates; (b) the field "metal ring information" increased; (c) the field "other mark information" increased; (d) the fields "species", "sex" and "age" reduced from 3 to 2 fields; (e) species-list also present now in order of EURING-number (according to Voous, see the field 'Species and subspecies'); (f) the explanation in subdivision 5 in the field "identification number" is enlarged; (g) copyright statement on page 2 updated.
- Sep 3, 2001 (a) A few new bird-species are added; (b) a "note" added to the field "co-ordinates".
- Sep 5, 2001 (a) Coding "broodsize" enlarged; (b) map with subdivisions of Iceland included; (c) in the coding of the field "identification number" was a mistake in "figures/letters", corrected now; (d) the first character in the field "primary identification method" is now conform the first character in the field "other mark information".
- Sep 7, 2001 ISBN number added.
- Oct 1, 2001 (a) Added the scheme (LIU) used in Lithuania in the 1930's and 1940's; (b) some minor corrections.
- Oct 5, 2001 Some minor corrections.
- Oct 19, 2001 Subspecies within *Hippolais pallida* added.
- Oct 25, 2001 Co-ordinates are in degrees, minutes and seconds.
- Dec 12, 2001 New birdspecies added.
- Jan 16, 2002 New birdspecies added.
- Jan 21, 2002 Errors removed in the examples of the field of "Geographical co-ordinates"
- Mar 5, 2002 New birdspecies added.
- Mar 28, 2002 New district codes for Czech Republic added.
- May 6, 2002 New birdspecies added.
- May 14, 2002 Error removed in the examples of the field "Identification number"
- May 15, 2002 (a) Turkey (Ankara, TUA) added as new scheme who issue rings; (b) new bird-subspecies added.
- Jul 8, 2002 new birdspecies added.
- Aug 27, 2002 (a) Old numeric Switzerland added; (b) old code for Gibraltar (NB60) added; (c) old code for Andorra (EK23) added.
- Sep 4, 2002 errors improved in the UK place codes.
- Oct 2, 2002 (a) Added to Benin: formerly Dahomey (XQ00); (b) added old divisions codes of Poland.
- Nov 5, 2002 (a) New birdspecies added; (b) several (very) old, extinct (private ?)

- schemes are added for just one reason: to distinguish them among other schemes.
- Nov 25, 2002 (a) Minor text changes in the place code for Greece; (b) correction is made in the "Note" in the field "Manipulated".
- Dec 10, 2002 (a) In the field "condition" there was a reference to the coding "-" in the field "date", that reference is changed in "9"; (b) the use of scheme NLL is explained.
- Dec 16, 2002 (a) Minor corrections in the place code in Kazakhstan; (b) new district-code of Slovakia implemented.
- Dec 20, 2002 (a) Sykes's Warbler (*Hippolais caligata rama*) added, [I (GS) do know it is split now from *H. caligata* and is treated as *H. rama* (Birding World 15(9):396), but we still have to deal with the taxonomy of this EURING code]; (b) Olivaceous Warbler (*Hippolais pallida*) is split into Eastern O.W. (*H. pallida*) and Western O.W. (*H. opaca*), (Birding World 14(5):192-219 and 15(9):396). So, still following the taxonomy of this EURING code, Eastern O.W. (*H. pallida*) is 12550 and Western O.W. (*H. pallida opacus*) is 12552.
- Dec 28, 2002 Provinces of Greece: (a) one small textual correction; (b) in a note the differences are explained to the, strictly administrative, divisions as shown in the Times Atlas.
- Feb 5, 2003 A remark from Thord Fransson, Sweden: SVL is for Olov Larsson. Rings from Lund University has only been used for Pheasants and we have no recoveries nor ringing details from this marking project, if it anyhow should be included, we suggest that the code SVX is used.
- Feb 10, 2003 *Chlamydotis undulata undulata*, *C.u.macqueenii*, *C.u.fuertaventurae* added.
- May 21, 2003 One improvement in the schemes listed in order of code.
- Jun 2, 2003 New birdspecies added.
- Aug 3, 2003 Many new bird(sub)species added.
- Aug 11, 2003 Many new bird(sub)species added.
- Aug 28, 2003 (a) Small improvements about 0 (the number zero) en O (the character Oslo) in the geographical subdivisions in Poland (valid from ca. 1970 till 01-Jan-1999); (b) internet "gazetteers" are added (sites where you can find geographical names and co-ordinates), see the field "Place code".
- Sep 2, 2003 (a) One subdivision of Germany added [DEEG (DFEG) Gießeln]; (b) due to recent changes the Czech Scheme uses a new coding system for the geographical subdivisions.
- Sep 8, 2003 (a) Since the last General Meeting, EURING has a new secretary, his name and address is in this document; (b) minor spelling corrections.
- Sep 16, 2003 (a) new bird(sub)species added; (b) minor spelling corrections.
- Sep 18, 2003 A few new gazetteers-websites added.
- Sep 23, 2003 Minor spelling corrections.
- Jan 19, 2004 The table with "replaced / removed fields" (page 6) is enlarged with 'plumage', 'previous reports' and 'other relatives recovered'.
- Feb 12, 2004 On page 5 pagenumbers updated; well uh... that's not a major update, but it have to be done sometimes.
- Feb 16, 2004 *Certhia familiaris* subspecies added.
- May 30, 2004 On Belgium (BLB) rings you could always read 'Bruxelles'. Since about 2003 the same Scheme has also rings with 'Brussels'.
- Jun 08, 2004 In 2004 the Finnish Scheme did make a start to archive the ringing of bats. They want to use the EURING code as the basics of their administration of bat ringing and recoveries. Therefore a list of European bats is added in Appendix 1 on page 123.
- Jun 30, 2004 Some references to columns and pages are updated.

- Jul 05, 2004 (a) *Larus argentatus mongolicus* added. Yes I (GS) do know it: the Gull taxonomy is in a tremendous state of flux, exactly what is a species or subspecies seems to change with every new field guide and article. As mentioned in the field 'Species and Subspecies' (page 22) we do follow Voous (1977) and Vaurie (1959, 1965). Anyway, the bird mentioned here is the 'Mongolian Gull';
(b) bookmarks added to the pdf-file.
- Jul 06, 2004 The field 'Primary Identification Method' (page 16) does have 'RØ Flight feather(s) stamped with the ringnumber'. That is not correct, because when a flight feather is stamped with a ringnumber, there is always a metal ring present and *thus* the primary identification method will be 'AØ Metal ring'. Solution: the text belonging to RØ is changed into 'Flight feather(s) stamped with a number'. (Thanks to Geert De Smet).
- Jul 14, 2004 Many minor spelling corrections.
- Jul 19, 2004 (a) The two former EURING code manuals, '*EURING Code Manual*' (1966) and '*Code Manual New EURING*' (1979), are now available (pdf) on the website of EURING (www.euring.org) and on the website of the Dutch Ringing Centre (www.vogeltrekstation.nl);
(b) the text from the field 'EURING code identifier' (page 116, column 81) is rewritten to be more evident (but the contents is not essentially changed).
- Jul 20, 2004 (a) Improvement about Ø (the number) en O (the character) in the geographical subdivisions in Norway (thanks to Oskar Kenneth Bjørnstad);
(b) throughout this codebook is Ø = the number zero and O = the alphabetic character as in "Oslo", but there are a few exceptions: a few names of place-codes in Danmark and Norway do have the character ø.
- Aug 02, 2004 One minor improvement in the place coding of France (thanks to Oskar Kenneth Bjørnstad).
- Aug 15, 2004 Appendix 2 is added: a list of sea-mammals.
- Aug 21, 2004 (a) A few coding facilities are added to existing fields. Broodsize: -- bird is not a nestling. Pullus age: -- bird is not a pullus. Accuracy of pullus age: - bird is not a pullus. Distance: ---- on the first record (=ringing data). Direction: --- on the first record (=ringing data). Elapsed time: ----- on the first record (=ringing data);
(b) NB2 added to distance and direction ('loxodrome' as preferred computing method).
Both a and b thanks to Lajos Varga.
- Aug 29, 2004 A few minor spelling improvements in birdnames, thanks to Lajos Varga.
- Sep 03, 2004 (a) A few synonyms were present in the birdlist (15153=1514Ø, 138ØØ=2Ø37Ø, 1676Ø=2Ø28Ø, 23ØØØ=248ØØ, Ø19ØØ=259ØØ, 226ØØ=2653Ø).
(b) A few synonyms added to the birdlist because of better-known names: (224ØØ, 234ØØ, 236ØØ, 249ØØ, 25ØØØ).
Both a and b thanks to Lajos Varga.
- Sep 09, 2004 (a) One minor improvement in the place coding of Norway.
(b) Another synonym in the birdlist (ØØ712=2Ø5ØØ).
Both a and b thanks to Oskar Kenneth Bjørnstad.
- Oct 12, 2004 *Anas (crecca) carolinensis* added.
- Nov 01, 2004 (a) At the field "Species and subspecies, as mentioned by the person who handled the bird": Note 3 is not anymore a note, but a remark, and a new Note 3 and Note 4 are added.

- (b) Some (sub)species added.
- Nov 25, 2004 (a) At the field "Manipulated" the text belonging to "N" is changed: old text was "Normal healthy bird, released at place of capture within 24 hours", new text is now "Normal, not manipulated bird".
(b) A few coding facilities are added to existing fields:
Catching method: - (one hyphen): no catching method used (because the bird is not caught but found or shot).
Catching lures: - (one hyphen): no lures used (because the bird is not lured and caught).
- Dec 07, 2004 Two species added: *Nettapus auritus*, *Coturnix delegorguei*.
- Dec 09, 2004 One species added: *Phylloscopus bonelli orientalis*.
- Dec 16, 2004 One species added: *Psittacula eupatria*.
- Jan 11, 2005 Two species added: *Euplectes albonotatus* and *Sitta europaea caesia*.
- Jan 17, 2005 A note is added to the field 'Status'.
- Jan 26, 2005 A few subspecies are added.
- Feb 10, 2005 On behalf of the BTO are 557 (!) species added.
- Feb 15, 2005 A few place codes are added: +J00 = islands in the Indian Ocean; -J00 = Indian Ocean; EV00 = Eritrea; IO00 = British Indian Ocean Territories; MU00 = Mauritius (incl. Rodrigues Island); MV00 = Maldives; RE00 = Reunion; SC00 = Seychelles; TF00 = French Southern Territories (Crozet Islands, Kerguelen, St. Paul Island, Amsterdam Island); KM00 = Comoros; YT00 = Mayotte.
- Feb 21, 2005 A few birdspecies are added: 11871 *Catharus minimus minimus*, 11872 *Catharus minimus bicknelli*, 13431 *Ficedula parva parva*, 13432 *Ficedula parva albicilla*.
- Feb 26, 2005 A few birdspecies added: 01664 *Branta canadensis hutchinsii*; 26660 *Tadorna cana*; 26650 *Tadorna radjah*; 26670 *Tadorna tadornoides*; 26680 *Tadorna variegata*; 26690 *Amazona oratrix*; 02152 *Melanitta fusca deglandi*; 02132 *Melanitta nigra americana*; 00482 *Puffinus assimilis baroli*; 04783 *Charadrius mongolus atrifrons*; 26690 *Amazona oratrix*; 12722 *Sylvia hortensis crassirostris*.
- Mar 24, 2005 One birdspecies added: *Pachyptila belcheri* = 26700.
- Mar 30, 2005 One birdspecies added: *Centropus superciliosus* = 26710.
- April 06, 2005 On behalf of Copenhagen about 110 species are added.
- April 27, 2005 A few birdspecies are added.
- Aug 05, 2005 A new Scheme added: Lebanon.
- Aug 06, 2005 Several improvements to the birdspecies-list. Thanks to Oskar Kenneth Bjørnstad.
- Nov 23, 2005 Status (column 38), one coding added: - bird not full grown (one 'hyphen').
- Jan 16, 2006 Three countries added: French Guiana GF00, Oman OM00 and Suriname SR00.
- Jun 02, 2006 One birdspecies added: *Neochen jubata* = 27900.
- Jun 19, 2006 Accuracy of co-ordinates (column 76): three codings added (6, 7 and 9).
- Oct 03, 2006 A few birdspecies are added.
- Oct 24, 2006 An improvement to the birdspecies-list. Thanks to Olaf Runde.
- Nov 20, 2006 In the field 'Circumstances' (column 78-79) code 20 is "*hunted, trapped, poisoned intentionally by man (NB: not shot). Not for reasons set out 21-26 below*". There was also a remark present: "*All captures (=ringing data) and recaptures (caught and released)*". That remark is nonsense and now removed, because there is written "*not for reasons set out 21-26 below*".

- Nov 20, 2006 In the field 'Circumstances' (column 78-79) in code 20 there is written "*Not for reasons set out 21-26 below*". That is not correct because the codes 27, 28 and 29 are also used for ringing data (only 27), recoveries and recaptures. Therefore the remark "not for reasons set out 21-26 below" is change in "not for reasons set out 21-29 below".
- Nov 20, 2006 In the field "Manipulated" (column 30) there was no code for unknown / unrecorded. Unknown is added now as 'U'.
- Nov 20, 2006 In the field "Accuracy of pullus age" (column 43) there was no code for unknown / unrecorded. Unknown is added now as 'U'.
- Feb 21, 2007 Subspecies added to Somateria mollissima, Luscinia megarhynchos and Parus ater. One area-code added: Falklands Islands = FK00.