

ศูนย์บริการเอกสารวิจัยฯ



RP1972/356

Annual progress report

1971

356

VE RESEARCH PROGRAMME NO. 24
MIGRATORY ANIMAL PATHOLOGICAL SURVEY

sponsored by

U.S. ARMY RESEARCH AND DEVELOPMENT GROUP (FAR EAST)
UNDER GRANT NO. DA-CRD-AFE-592-544-71-G173

conducted by

APPLIED SCIENTIFIC RESEARCH CORPORATION OF THAILAND

ANNUAL PROGRESS REPORT 1971

BY

H. ELLIOTT McCLURE

MAPS GROUP

ENVIRONMENTAL AND ECOLOGICAL RESEARCH INSTITUTE

ASRCT, BANGKOK 1972

COOPERATIVE RESEARCH PROGRAMME NO. 24
MIGRATORY ANIMAL PATHOLOGICAL SURVEY



sponsored by
U.S. ARMY RESEARCH AND DEVELOPMENT GROUP (FAR EAST)
UNDER GRANT NO. DA-CRD-AFE-592-544-71-G173

conducted by
APPLIED SCIENTIFIC RESEARCH CORPORATION OF THAILAND

ANNUAL PROGRESS REPORT 1971

BY
H. ELLIOTT McCLURE
MAPS GROUP
ENVIRONMENTAL AND ECOLOGICAL RESEARCH INSTITUTE

ASRCT, BANGKOK 1972

ABSTRACT

During the period of active bird ringing by the MAPS groups, July 1963 to July 1971, a total of 1,165,288 birds of 1216 species were captured and marked. This report lists these species by family and by species and year giving the totals that were banded.

MIGRATORY ANIMAL PATHOLOGICAL SURVEY

ANNUAL PROGRESS REPORT

1 9 7 1

TABLE OF CONTENTS

	Page
Introduction	1
Total birds banded	1
List of birds banded by families	4
List of bird banded, by species and year	18

MIGRATORY ANIMAL PATHOLOGICAL SURVEY

ANNUAL PROGRESS REPORT

1971

All field work related to the program of the Migratory Animal Pathological Survey was brought to a close in 1971. The bulk of the work by the staff at the MAPS headquarters was devoted to sorting, cataloging and reviewing the data accumulated during seven years of intensive field research.

This effort has resulted in the preparation of a monograph concerning the ectoparasites of Asian birds which is now in press and should be available during 1972. The abstract for this report is as follows: "SOME ECTOPARASITES OF THE BIRDS OF ASIA. During the period July 1963 to July 1971 ectoparasites were collected from the birds of Eastern Asia; Korea, Japan, Taiwan, Hong Kong, Philippines, Thailand, Malaya, Borneo, Indonesia, Singapore and India. From the more than 15,000 collections there were 236 genera and 564 species of arthropods represented. The number of avian hosts examined included 746 species. Of the parasite species Acarina made up 34.3%, Mallophaga 53% and Hippoboscidae 9.5%. Annotated lists of the host-parasite and the parasite-host relationships are given."

TOTAL BIRDS BANDED

The present report includes a list of the birds ringed by the field teams between July 1963 and December 1971. This is the final and total list that will be prepared and published. It includes 1,165,288 birds of 1216 species. The list arranges these by year only.

Lists of species ringed by area or locality are in preparation and will be published soon. Since this is a transient project supported in Asia by outside funds and having no central home or point of origin in Asia it is essential that these records be made available to the serious student for comparison with future work. Ringing by the use of Hong Kong Box 3443 rings supplied by MAPS was done in South Korea, Japan, Okinawa, Guam, Taiwan, Hong Kong, Philippines (including Luzon, Mindoro, Leyte, Samar, Negros, Mindanao, Palawan and Marinduque), South Vietnam, Thailand, Singapore, Malaysia (including Malaya, Sarawak, Sabah), Indonesia (including Kalimantan, Celebes, West Java), India, Kashmir, Nepal, Bhutan, Bangladesh, Afghanistan and Iran.

Within these areas banding was done at numerous localities. Many of these were places where a banding team set up nets for only one day or one stop. Others were places of long repetitive studies the most intensive of

which were at Rantau Panjang, Selangor, Malaya and Dalton Pass, Nueva Vizcaya, Luzon. The totals from these and other areas will be given in a later report.

The distribution of ringing was as follows:

Number Birds Ringed	Number Species	Percent
1	105	8.4
2-10	285	23.4
11-100	375	30.8
101-1000	329	27.0
1001-10,000	110	9.0
10,001-100,000	14	1.1
Above 100,000	1	.08

These figures reflect the amount of effort devoted to various species and the ease with which they may be caught. They also give some indication of the availability of species. Rare species or those difficult to get and uncommon in the habitats under study are reflected by the numbers ringed. This is true except for the crows and starlings which were in the main neglected because they are so common.

There were 82 families represented among the birds ringed. The average number of birds per family was 14, 197, per species 954. However 19 families included 92.1% of the ringed birds. Among these there were 15 species which made up 59.6% and of these the House Swallow made up 24.2%. These species which made up more than one percent of the total were as follows: Streaked Shearwater, Puffinus leucomelas, Cattle Egret, Ardeola ibis, Little Egret, Egretta garzetta, Black-crowned Night Heron, Nycticorax nycticorax, Little Stint, Calidris ruficollis, Yellow-vented Bulbul, Pycnonotus goiavier, Pied Wagtail, Motacilla alba, Yellow Wagtail, Motacilla flava, Brown Shrike, Lanius cristatus, Rustic Bunting, Emberiza rustica, Chestnut Bunting, Emberiza rutila, Black-faced Bunting, Emberiza spodocephala, Chestnut Munia, Lonchura malacca, Tree Sparrow, Passer montanus, and the House Swallow, Hirundo rustica.

Forty-four of the families had less than 1500 birds marked totaling only one percent of the birds. The remaining 38 families averaged 30, 340 birds. The average among the 15 highest species was 46,000, without the swallow, 29,000. The remaining 1194 species averaged only 389 birds marked per species. When the 19 families are deducted from the total the remaining 63 families averaged only 1458 birds per family. Table 1 lists the data by family. Table 2 lists them for all species.

Recoveries from these ringed birds were great, numbering several thousand and are in the process of analysis. This will constitute another report which should be available in a year or so. It needs only be mentioned here

that much information about migration patterns in Eastern Asia has now been accumulated.

The fourth big project involved in the MAPS program, the incidence of haematozoa among Asian birds, is still under analysis. Examinations of the blood films were completed in 1971 and summaries of the data are in preparation.

Table 1. Summary by families of the species and numbers of birds ringed in Eastern Asia from 1963 into 1971. S: species, T: total birds ringed.

Family	YEAR										Total
	63	64	65	66	67	68	69	70	71		
<u>Podicipedidae</u>	S						2	2	2		2
	T						6	7	3		16
<u>Gaviidae</u>	S						1				1
	T						1				1
<u>Procellariidae</u>	S	2	1	2	1	1	1	1	1		2
	T	1222	157	685	1301	994	2180	1516	2917		10922
<u>Hydrobatidae</u>	S	1			1	1	1	4	1		4
	T	75			23	1	1	500	566	572	1738
<u>Pelecanidae</u>	S						2				2
	T						4				4
<u>Phalacrocoracidae</u>	S	1				1	5	5	4	3	5
	T	26				6	1397	353	350	289	2421

Family	YEAR											Total			
	63	64	65	66	67	68	69	70	71						
Amingidae	S				1	1	1	1							1
	T					3	1	5	2						11
		⁶² 63													
Ardeidae	S	1	12	13	14	17	16	16	18	12					21
	T	4	2943	4697	11563	16650	12208	8622	12081	9196					78005
Ciconiidae	S		1	1		1	3	3	2	1					4
	T		105	192		104	176	682	576	150					1985
Threskiornithidae	S						2	2	2						3
	T						301	2	6						349
Phoenicopteridae	S								1						1
	T								4						4
Anatidae	S		2	11	8	16	18	20	20	19					23
	T		32	216	258	3917	2456	5985	7215	4221					24300

Family	YEAR										Total
	63	64	65	66	67	68	69	70	71		
Accipitridae	S	5	10	8	11	9	8	7	5		23
	T	1028	655	910	94	54	35	38	8		2522
Pandionidae	S				1						1
	T				1						1
Falconidae	S	1	4	2	4	4	1	3	2		8
	T	4	9	5	10	6	1	4	2		41
Phasianidae	S	3	3	6	10	13	8	8	4		26
	T	4	1022	1035	2855	146	361	505	346		6274
Trogonidae	S	2	4	4	3	3	2	3	3		4
	T	19	147	47	101	100	48	28	16		506
Gruidae	S						1				1
	T						2				2

Family	Y E A R											Total	
	63	64	65	66	67	68	69	70	71				
Rallidae	S	9	14	12	19	20	17	16	6				20
	T	48	887	1079	1959	876	1345	2470	649				9913
Jacaniidae	S		2		1	2	2	2	1				2
	T		8		5	30	73	35	1				152
Rostratulidae	S	1	1	1	1	1	1	1	1				1
	T	16	57	307	303	144	132	177	14				1150
Charadriidae	S	4	8	8	10	9	11	11	9				15
	T	154	856	1169	956	1200	2136	2212	805				10327
Scolopacidae	S	8	19	23	24	25	31	27	22				37
	T	163	884	1507	2440	8460	16243	15634	5642				53511
Recurvirostridae	S				1	1	2	1	1				2
	T				82	20	133	76	8				319

Family	YEAR											Total
	63	64	65	66	67	68	69	70	71			
<u>Phalaropodidae</u>	S			1	1		1	1	1	1		1
	T			53	6		9	44	4			116
<u>Dromadidae</u>	S							1	1			1
	T							5	5			10
<u>Burhinidae</u>	S					1	2	1				2
	T					2	3	7				12
<u>Clareolidae</u>	S		1	2	1	1	1	2	1	2		3
	T		1	9	11	11	6	35	21	4		98
<u>Laridae</u>	S		2	5	4	8	3	12	16	9		20
	T	78	26	1777	1935	1537	1928	1960	1180			10422
<u>Pteroclyidae</u>	S					1						1
	T					1						1

Family	Y E A R											Total			
	63	64	65	66	67	68	69	70	71						
Alcidae				1	1	2	2	2							4
T				1	141	910	490	491	473						2506
Columbidae		19	21	15	22	20	22	23	10						32
T		941	1777	1369	1977	1958	1516	914	143						10595
Psittacidae		4	3	2	5	7	6	2	1						11
T		14	63	10	98	74	135	134	15						483
Cuculidae		16	19	15	22	19	22	18	11						27
T		65	300	280	268	224	547	700	93						2577
Tytonidae		1	2	1	2	2	2								3
T		3	8	5	4	6	13								39
Strigidae		2	10	12	10	13	9	9	4						18
T		5	135	155	141	120	75	71	6						819

Family	Y E A R											Total	
	63	64	65	66	67	68	69	70	71				
<u>Podargidae</u>	S		2	2	1	1	2	1				4	
	T			11	3	1	1	2	1			19	
<u>Caprimulgidae</u>	S		4	4	4	5	5	5	6	3		7	
	T		45	125	90	187	109	130	56	13		755	
<u>Apodidae</u>	S		5	9	7	12	8	12	8	2		15	
	T		662	934	1052	2220	708	851	493	11		6911	
<u>Hemiprocniidae</u>	S				1			1				1	
	T				2			1				3	
<u>Trogonidae</u>	S		7	5	5	4	4	5	4	1		9	
	T			23	14	30	17	19	18	10	1	132	
			62	65									
<u>Alcedinidae</u>	S		4	6	16	15	14	13	13	19	19	3	23
	T		40	14	858	890	921	858	692	694	529	328	5824

Family	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
Meropidae		4	6	5	6	6	4	7	1		8
	T	46	264	991	1535	1249	154	222	37		3898
Coraciidae	S	1	1	1	2	2	1	3			3
	T	2	8	4	8	12	5	7			46
Upupidae	S		1	1	1	1	1	1	1		1
	T		3	5	19	40	69	222	41		399
Bucerotidae	S		1	4	4	2	1				7
	T		2	8	5	2	2				19
Capitonidae	S	6	10	5	9	14	5	6	6		16
	T	133	110	39	94	99	109	47	52		683
Indicatoridae	S		1	1	1	1		1			1
	T		1	1	1	4		1			8

Family	YEAR											Total
	63	64	65	66	67	68	69	70	71			
Picidae	S	5	24	23	15	28	26	25	20	14		42
	T	23	119	181	99	195	233	148	151	60		1209
Eurylaimidae	S	1	6	5	4	7	5	3	3			7
	T	3	35	59	56	47	79	26	12			317
Pittidae	S		6	7	4	7	6	7	6	1		12
	T		106	667	370	976	467	842	553	11		3992
Alaudidae	S		3	5	4	6	6	7	12	9		13
	T		100	691	288	501	106	133	274	9059		10952
Hirundinidae	S	1	6	8	7	7	9	7	9	9		11
	T	1	2157	4469	108205	66301	42022	27875	15395	12583		220231
Campephagidae	S	1	16	12	6	12	14	15	6	8		22
	T	4	905	305	337	215	176	220	206	133		1901

Family	Y E A R											Total		
	63	64	65	66	67	68	69	70	71					
Dicruridae	S	2	8	8	8	7	8	9	8	4				9
	T	4	218	227	247	155	235	247	205	32				1570
Oriolidae	S		4	3	2	2	4	2	3	1				6
	T		140	183	199	90	19	16	69	32				748
Corvidae	S	1	7	7	11	12	8	8	9	5				18
	T	1	27	114	70	94	27	66	71	9				479
Paridae	S		8	11	10	10	9	8	9	5				15
	T		527	652	1072	1523	901	400	305	320				5704
Certhiidae	S		2	3	2	1	1	2	3	2				6
	T		17	7	4	1	5	3	19	16				72
Sittidae	S		2	2	2	4	5	2	3	1				7
	T		41	36	7	36	42	6	9	12				189

Family	YEAR											Total
	63	64	65	66	67	68	69	70	71			
Timaliidae	S	4	65	45	59	71	85	72	61	23		115
	T	11	1931	3558	1178	2595	3050	1852	1292	974		16441
Paradoxornithidae	S		3	3	3	3	3	3	2			4
	T		484	779	231	1314	370	104	11			3296
			62 63									
Pycnonotidae	S	1	35	34	36	35	44	39	29	23		49
	T	132 34	3888	7874	6840	7050	9347	6927	4690	2072		48857
Aegithinidae	S	1	10	8	5	10	11	7	4	2		12
	T	1	82	113	72	164	165	235	234	91		1157
Cinclidae	S		1	1	1			1	1	1		1
	T		3	1	2			27	11	11		55
Troglodytidae	S		1	1	1	1	1	1	1	1		1
	T		4	13	9	14	3	7	1	15		69

Family	Y E A R											Total										
	63	64	65	66	67	68	69	70	71													
Turdidae	43																					
	S 1	4	40	37	42	47	41	50	39													77
Sylviidae	T 25	23	1135	1746	2232	2548	1955	1653	836													14380
	S 6	6	49	51	46	61	64	70	46													93
Muscicapidae	T 28	28	1903	4782	5038	5189	4681	9412	2112													37520
	S 5	5	42	48	40	43	51	52	27													75
Pachycephalidae	T 24	24	1263	1596	1215	1617	2100	1512	492													11659
	S	3	3	3	3	3	3	3	5													5
Prunellidae	T		21	41	17	74	30	16	243													
	S		1	1	2	2	3	1	4													
Motacillidae	T		8	26	22	36	6	1	175													
	S 1	1	8	9	9	10	10	13	14													
T 33	33	2891	8260	12156	29286	12883	4924	5075	1646													77154

Family	YEAR											Total	
	63	64	65	66	67	68	69	70	71				
<u>Bombycillidae</u>	S		1	1								1	
	T		12	28								40	
<u>Artamidae</u>	S	1	1	2	2	1	1	2	1			2	
	T	19	65	39	56	15	24	28	1			249	
<u>Laniidae</u>	S	1	6	7	7	7	7	6	8	5		11	
	T	59	553	3319	12581	5101	9071	7307	1441	189		39621	
<u>Sturnidae</u>	S		11	8	12	16	19	18	14	11		22	
	T		555	642	645	1131	1736	1621	2580	1587		10499	
<u>Meliphagidae</u>	S						1					1	
	T						3					3	
<u>Nectariniidae</u>	S	2	17	21	17	20	25	18	16	5		30	
	T	5	528	1789	946	1684	2165	1206	893	58		9274	

Family	Y E A R											Total		
	63	64	65	66	67	68	69	70	71					
Dicaeidae	S	1	17	12	13	75	18	18	14	6				22
	T	1	216	393	145	385	1290	715	395	39				3583
Zosteropidae	S		6	6	4	4	4	6	6	2				9
	T		726	986	407	318	456	677	271	431				4273
Fringillidae	S		23	27	28	30	29	25	37	21				49
	T		15225	50858	40482	39737	15049	9992	4807	4027				180177
Ploceidae	S	2	13	11	13	20	21	19	20	15				24
	T	129	117	3000	13259	14414	19507	28917	17804	4943				108716
Total	S	9	64	607	603	761	808	775	757	450				1216
	T	340	709	48495	168394	227234	339750	158066	1148924	118833				1165288

Family PROCELLARIIDAE

Number Species 2 Total Ringed Birds 10922

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Pterodroma leucoptera</i>		1		1							2
<i>Puffinus leucomelas</i>	1221	157	634	1301	994	2180	1516	2917			10920

Family HYDROBATIDAE

Number Species 4 Total Ringed Birds 1738

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Oceanodroma castro</i>				23				1			24
<i>Oceanodroma leucorhoa</i>		75				1	500	562	572		1710
<i>Oceanodroma monorhis</i>					1			2			3
<i>Oceanodroma tristrami</i>								1			1

Family PELECANIDAE

Number Species 2 Total Ringed Birds 4

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Pelecanus onocrotalus</u>							1					1
<u>Pelecanus philippensis</u>								3				3

Family PHALACROCORACIDAE

Number Species 5 Total Ringed Birds 2421

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Phalacrocorax carbo</u>						1	6					7
<u>Phalacrocorax fuscicollis</u>						6	1	5	8			20
<u>Phalacrocorax niger</u>					6	78	3	2	25			114
<u>Phalacrocorax pygmaeus</u>		26				815	341	339	256			1777
<u>Phalacrocorax sulcirostris</u>						497	2	4				503

Family ANHINGIDAE

Number Species 1

Total Ringed Birds 11

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Anhinga xufa</i>					3	1	5	2			11

Family ARDEIDAE

Number Species 21

Total Ringed Birds 78005

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Ardea cinerea</i>		3	160		147	135	64	59	13		581
<i>Ardea purpurea</i>				1	2	246		13			262
<i>Ardeola grayii</i>						1		10	7		18
<i>Ardeola ibis</i>		70	1263	3313	689	2179	3203	6013	5075		21805
<i>Ardeola ralloides</i>		9			4	1154	225	718	168		2278
<i>Bataurus stellaris</i>					1						1

<u>Butorides</u>	<u>striatus</u>				36	78	20	46	41	16	10	2	249	
<u>Dapetor</u>	<u>flavicollis</u>				1		1	2	7	8	2		21	
<u>Egretta</u>	<u>alba</u>				94	555	42	964	692	110	303	67	2827	
<u>Egretta</u>	<u>garzetta</u>				838	1213	3318	7288	2371	3005	1719	2691	22443	
<u>Egretta</u>	<u>gularis</u>									4	1	2	7	
<u>Egretta</u>	<u>intermedia</u>				321	405	314	414	541	503	348	114	2960	
<u>Egretta</u>	<u>sacra</u>									6	19	10	35	
<u>Gorsachius</u>	<u>goisagi</u>				1	2	3	9			2		17	
<u>Gorsachius</u>	<u>melanolephus</u>					1	1	1	5	1	1		10	
<u>Ixobrychus</u>	<u>cinnamomus</u>				84	124	269	396	146	181	188		1538	
<u>Ixobrychus</u>	<u>eurythmus</u>					4	12	9	42	2	5		36	
<u>Ixobrychus</u>	<u>minutus</u>											17	17	
<u>Ixobrychus</u>	<u>sinensis</u>				36	61	68	85	47	38	26		361	
<u>Nycticorax</u>	<u>caledonicus</u>					2	1	3	8	1			15	
<u>Nycticorax</u>	<u>nycticorax</u>				4	1500	829	4200	6590	4671	1255	2644	1030	22724

Family CICONIIDAE

Number Species 4

Total Ringed Birds 1985

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<u>Anastomus oscitans</u>		105	192		104	152	662	575	150	1940
<u>Ibis cinereus</u>						22				22
<u>Ibis leucocephalus</u>							17	1		18
<u>Xenorhynchus asiaticus</u>						2	3			5

Family THRESKIORNITHIDAE

Number Species 3

Total Ringed Birds 349

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<u>Platalea leucorodia</u>							1	3		4
<u>Plegadis falcinellus</u>						156				156
<u>Threskiornis melanocephala</u>						185	1	3		189

Family PHOENICOPTERIDAE

Number Species 1 Total Ringed Birds 4

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Phoenicopterus roseus</u>									4		

Family ANATIDAE

Number Species 23 Total Ringed Birds 24300

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Aix galericulata</u>				15			1	4			20
<u>Anas acuta</u>			40	97	767	386	1099	834	324		3547
<u>Anas clypeata</u>			12	3	366	284	560	1104	434		2763
<u>Anas crecca</u>		30	84	45	1450	488	1194	1266	815		5372
<u>Anas falcata</u>			1		1	3	1	8	5		19
<u>Anas formosa</u>			3				1	1	2		7

Anas luzonica																			1																		
Anas penelope																				32	58	128	127	253	635	203						1435					
Anas platyrhynchos																					38	30	5		11	47	30						161				
Anas poecilohyncha																					2	3	9	56	127	96	16						359				
Anas querquedula																						1	464	117	633	339	1500							3059			
Anas strepera																							173	184	389	841	348							1935			
Anser anser																							35	5	71	141	19							301			
Anser indicus																																			26		
Aythya ferina																								80	428	938	1275	240								2961	
Aythya fuligula																								73	78	424	327	75								978	
Aythya marila																																				1	
Aythya nyroca																								37	145	58	78	12									330
Cygnus cygnus																																				3	
Netta rufina																																					227
Nettapus coromandelianus																								65	36	50	27	12									192
Sarkidiornis melanotos																									179	83	131	40	121								554
Tadorna ferruginea																																					49

Family ACCIPITRIDAE

Number Species 23 Total Ringed Birds 2822

Species	YEAR											Total
	63	64	65	66	67	68	69	70	71			
<i>Accipiter badius</i>		5		1	3	7	11	7	1			35
<i>Accipiter nisus</i>			4		1	2		3	3			13
<i>Accipiter soloensis</i>		9	19	2	43							73
<i>Accipiter</i> sp.									2			2
<i>Accipiter trivirgatus</i>		8	3		4	2	2					19
<i>Accipiter virgatus</i>		24	28	13	14	14	11	6	1			114
<i>Aegypius monachus</i>						1						1
<i>Aquila heliaca</i>					1							1
<i>Falco leucophotes</i>							1					1
<i>Buteo indicus</i>		982	594	890	19	1						2486
<i>Buteo buteo</i>			1	1	1							3
<i>Circus aeruginosus</i>			1		1			1				3

<i>Circus cyaneus</i>																			1
<i>Circus macrourus</i>													1						1
<i>Circus melanoleucus</i>					3														4
<i>Elanus caeruleus</i>				1						3									29
<i>Gyps bengalensis</i>																		1	
<i>Haliaeetus indus</i>														1	5	16			23
<i>Hieraetus kiemenii</i>														1					1
<i>Milvus migrans</i>																			2
<i>Neophron perenopterus</i>																			4
<i>Peris ptilorhynchus</i>																			1
<i>Spilornis cheela</i>																			1
<i>Spizaetus nipalensis</i>																			3

Family PANDIONIDAE

Number Species 1 Total Ringed Birds 1

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<i>Pandion haliaetus</i>					1					1

Family FALCONIDAE

Number Species 8 Total Ringed Birds 41

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<i>Falco biarvicus</i>								1		1
<i>Falco chicquera</i>								1		1
<i>Falco peregrinus</i>					1		1	1		4
<i>Falco severus</i>			1							1
<i>Falco sp.</i>									1	1
<i>Falco tinnunculus</i>			5	3	1	1				10

<i>Microhierax caeruleus</i>	4	2	4	1	2	13
<i>Microhierax erythrogenys</i>		1	2	4		7
<i>Polihierax insignis</i>				3		3

Family PHASIANIDAE

Number Species 26 Total Ringed Birds 6174

Species	Y E A R											Total	
	63	64	65	66	67	68	69	70	71				
<i>Arborophila brunneopectus</i>						1			2				3
<i>Arborophila crudigularis</i>						2							2
<i>Arborophila gingica</i>					1								1
<i>Arborophila javanica</i>									1				1
<i>Arborophila rufogularis</i>		1	1										2
<i>Argusianus argus</i>						1							1
<i>Bambusicola thoracica</i>				1	11			1					13
<i>Caloperdix oculea</i>							2						2
<i>Coturnix chinensis</i>		2	1020	1025	2750	86	209	214					5306



<u>Coturnix</u>	<u>coturnix</u>			1	1	2	3	16	1	110	181	3/5
<u>Francoelinus</u>	<u>dictus</u>								3			3
<u>Francoelinus</u>	<u>pintadearnus</u>			1		6						7
<u>Francoelinus</u>	<u>PONDICERIANUS</u>					2	15	47	33			97
<u>Galloperdix</u>	<u>spadicea</u>						1					1
<u>Gallus</u>	<u>gallus</u>					5						5
<u>Lophura</u>	<u>erythropteralma</u>							4				4
<u>Perdica</u>	<u>argoodah</u>							13	7	19		39
<u>Perdica</u>	<u>asiatica</u>							1	12			13
<u>Perdica</u>	<u>erythrohyancha</u>										1	1
<u>Phasianus</u>	<u>colchicus</u>						67		80		25	172
<u>Phasianus</u>	<u>versicolor</u>									125	139	264
<u>Polyplectron</u>	<u>inopinatum</u>					1	4					5
<u>Polyplectron</u>	<u>malacense</u>						1					1
<u>Rollulus</u>	<u>roulei</u>							3	2			5
<u>Symaticus</u>	<u>wikado</u>							1				1
<u>Symaticus</u>	<u>reevesii</u>						10					10

Family TURNICIDAE

Number Species 4 Total Ringed Birds 506

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<u>Turnix ocellata</u>			4	2		1	2			9
<u>Turnix suscitator</u>		12	38	28	72	95	46	14	1	306
<u>Turnix sylvatica</u>			103	14	19			12	12	160
<u>Turnix tanki</u>		7	2	3	10	4		2	3	31

Family GRUIDAE

Number Species 1 Total Ringed Birds 2

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<u>Grus antigone</u>							2			2

Family RALLIDAE

Number Species 20

Total Ringed Birds

9813

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Amuroornis olivaceus</u>			2			1	2					5
<u>Amuroornis phoenicurus</u>		7	14	6	25	69	22	30	17			190
<u>Fulica atra</u>					343	307	745	1974	618			3987
<u>Gallinix cinerea</u>		1	9	12	30	26	15	12				105
<u>Gallinula chloropus</u>		4	11	62	68	90	72	17	4			328
<u>Poliolimnas cinereus</u>					4	1	1	1				6
<u>Porphyrio porphyrio</u>					2	12	22	19	6			61
<u>Porzana cinerea</u>		4	114	161	218	51	84	50				682
<u>Porzana fusca</u>		4	130	167	252	37	48	73	2			713
<u>Porzana paykulli</u>					3	2						5
<u>Porzana porzana</u>					1	1		1				3
<u>Porzana pusilla</u>		15	82	72	139	41	46	64				459

<i>Porzana tabuensis</i>			90	58	190	12	23	10		383
<i>Rallina eurizonoides</i>			253	285	288	95	184	108		1163
<i>Rallina fasciata</i>		1	5	2	19	39	23	18		107
<i>Rallus aquaticus</i>					4	2	1		2	9
<i>Rallus mirificus</i>			44	39	77	12	7	17		196
<i>Rallus philippensis</i>			5		9	3	1	3		21
<i>Rallus striatus</i>		11	127	211	285	55	69	79		831
<i>Rallus torquatus</i>		1	1	4	2	20	31			59

Family JACANIDAE

Number Species 2 Total Ringed Birds 152

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<i>Hydrophasianus chirurgus</i>			3		5	28	44	26	1	107
<i>Metopidius indicus</i>			5			2	29	9		45

Family ROSTRATULIDAE

Number Species 1 Total Ringed Birds 1150

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Rostratula benghalensis</u>		16	57	307	303	144	132	177	14			1150

Family CHARADRIIDAE

Number Species 15 Total Ringed Birds 10327

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Charadrius alexandrinus</u>		8	124	76	242	148	517	325	40			1480
<u>Charadrius dominicus</u>	69	71	64	177	149	189	300	122	2			1143
<u>Charadrius dubius</u>	31	331	602	358	360	297	494	245	32			2750
<u>Charadrius hiaticulus</u>							1					1
<u>Charadrius leschenaulti</u>	53	260	202	273	174	111	41	175	17			1306
<u>Charadrius mongolus</u>		142	74	51	167	57	685	1064	606			2846

<u>Charadrius peroni</u>		40	97	16	83	6	1	10		253
<u>Charadrius placidus</u>		1	2	3						6
<u>Charadrius squatarolus</u>	1	3	4	2	1		31	107	34	183
<u>Limnodromus semipalmatus</u>								2		2
<u>Vanellus cinereus</u>						1		8		9
<u>Vanellus indicus</u>					3	17	24	19	8	71
<u>Vanellus leucurus</u>					20	13	41	135	65	274
<u>Vanellus spinosus</u>							1			1
<u>Vanellus vanellus</u>					1				1	2

Family SCOLOPACIDAE

Number Species 37 Total Ringed Birds 53511

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Actitis hypoleucos</u>	31	203	202	237	893	157	158	193	86		2160
<u>Arenaria interpres</u>	1	5	49	211	165	64	91	202	102		890
<u>Calidris acuminatus</u>				5		3	1				9

<i>Calidris alba</i>								2	1			3
<i>Calidris alpina</i>		86	1	32	1	1	24	19	64		228	
<i>Calidris canutus</i>							2				2	
<i>Calidris melanotos</i>					1						1	
<i>Calidris ruficollis</i>		220	240	505	1027	227	5792	5436	2166		15613	
<i>Calidris subminuta</i>	43	31	247	428	718	117	1253	329			3166	
<i>Calidris temminckii</i>			8	2	140	37	230	258	153		828	
<i>Calidris tenuirostris</i>		1	2				7	3			12	
<i>Calidris testaceus</i>				11	23		117	3217	947		5315	
<i>Capella gallinago</i>		1	60	203	335	282	928	605	404		2818	
<i>Capella hardwickii</i>			10	18	36		6	1			71	
<i>Capella megala</i>	46	63	159	232	964	394	349				2207	
<i>Capella minima</i>					52	57	115	111	70		405	
<i>Capella solitaria</i>			1								1	
<i>Capella stenura</i>		6	25	32	72	20	112	27			294	
<i>Heteroscelus brevipes</i>			7	1	1						9	
<i>Heteroscelus incanus</i>	9	83	104	59	140	45	56	62	228		786	

<u>Limicola falcinellus</u>					3	11	4	329	336	246	929
<u>Limosa lapponica</u>						2		19	3	6	30
<u>Limosa limosa</u>						1	2	55	27	1	86
<u>Numenius arquatus</u>						4		4	9	1	18
<u>Numenius borealis</u>			1								1
<u>Numenius madagascariensis</u>							2				2
<u>Numenius phaeopus</u>	13	17	107	38	28	33	34	61			331
<u>Philomachus pugnax</u>	1				2219	127	2160	1990	240		6738
<u>Scolopax rusticola</u>		3	2	4	2	1	3			1	16
<u>Tringa erythropus</u>			1		14	33	12	154	37		251
<u>Tringa glareola</u>		27	155	361	1417	674	2896	1819	579		7928
<u>Tringa guttifer</u>					1						1
<u>Tringa nebularia</u>		51	25	9	18	3	53	49	29		237
<u>Tringa ochropus</u>		10	5	1	10	129	57	104	28		344
<u>Tringa stagnatilis</u>		1	1	4	6	46	184	322	46		610
<u>Tringa totanus</u>	19	64	132	36	135	36	147	274	130		973

Xenopus	Cinereus		11	4	7	24	4	47	22	78	197
---------	----------	--	----	---	---	----	---	----	----	----	-----

Family RECURVIROSTRIDAE

Number Species 2 Total Ringed Birds 319

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Himantopus himantopus</u>					82	20	124	76	8		310
<u>Recurvirostra avosetta</u>							9				9

Family PHALAROPODIDAE

Number Species 1 Total Ringed Birds 116

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Phalaropus lobatus</u>				53	6		9	44	4		116

Family DROMADIDAE

Number Species 1 Total Ringed Birds 10

Species	Y E A R							Total			
	63	64	65	66	67	68	69		70	71	
<u>Dromas ardeola</u>									5	5	10

Family BURHINIDAE

Number Species 2 Total Ringed Birds 12

Species	Y E A R							Total			
	63	64	65	66	67	68	69		70	71	
<u>Burhinus oedicnemus</u>						2		1			11
<u>Esacus magnirostris</u>								1			1

Family GLAREOLIDAE

Number Species 3 Total Ringed Birds 98

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Cursorius coromandelicus</u>									1			1
<u>Glareola lactea</u>			2				5					7
<u>Glareola pratincola</u>		1	7	11	11	6	30	21	3			90

Family LARIDAE

Number Species 20 Total Ringed Birds 1042.2

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Chlidonias hybridus</u>				1	4		6	101	20			132
<u>Chlidonias leucopterus</u>								50				50
<u>Chlidonias sp</u>									1			1
<u>Gelochelidon nilotica</u>							2	6	49	9		66

<u>Hydroprogne caspia</u>										2	4		6			
<u>Larus argentatus</u>									1				1			
<u>Larus brunneicephalus</u>										13	23		36			
<u>Larus crassirostris</u>									1714	1905	1506	1746	1048	674	8593	
<u>Larus fuscus</u>											1		1			
<u>Larus genci</u>										1			1			
<u>Larus ichthyæctus</u>										1	1	1	3			
<u>Larus ridibundus</u>											3	10	13			
<u>Larus schistisagus</u>										2	3		5			
<u>Larus sp.</u>											7		7			
<u>Sterna albifrons</u>									1	1	139	60	282			
<u>Sterna anaetheta</u>									52	16			68			
<u>Sterna bengalensis</u>											5		15			
<u>Sterna bergii</u>												1	39			
<u>Sterna dougalii</u>												1	1			
<u>Sterna fuscata</u>									1				1			
<u>Sterna hirundo</u>									4	17	3	1	115	475	404	1019

<i>Sterna</i> sp.												23		23
<i>Sterna swatrana</i>	26	4	45	10	30	14								129

Family PTEROCLYIDAE
Number Species 1 Total Ringed Birds 1

Species	YEAR											Total		
	63	64	65	66	67	68	69	70	71					
<i>Pterocles indicus</i>										1				1

Family ALCIDAE
Number Species 4 Total Ringed Birds 2506

Species	YEAR											Total		
	63	64	65	66	67	68	69	70	71					
<i>Cerorhinca monocerata</i>					141	904	488	490	469					2492
<i>Synthliboramphus antiquus</i>						6		1	3					10
<i>Synthliboramphus wumizusume</i>					1					1				2
<i>Uria aalge</i>								2						2

Family COLUMBIDAE

Number Species 32

Total Ringed Birds 10595

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Chalcophaps indica</u>		387	368	402	392	577	296	153	21			2596
<u>Columba elphinstonii</u>						2	18	3				23
<u>Columba janthina</u>			1									1
<u>Columba livia</u>		4				7	1	15	1			28
<u>Columba pulchricollis</u>				1	1							2
<u>Columba vitiensis</u>			1									1
<u>Ducula badia</u>						4						4
<u>Ducula carola</u>			2		10							12
<u>Geopelia striata</u>		107	564	394	358	115	216	29	2			1785
<u>Macropygia phasianella</u>		23	72	40	103	1	20	5				264
<u>Macropygia ruficeps</u>		1			1	1	2	1				6
<u>Macropygia unchall</u>		4	1			3						8

<u>Trogon pompadora</u>	3	10	4	8	2	1	4		32
<u>Trogon sphenura</u>	3	2				3	1		9
<u>Trogon verianus</u>	36	89	147	70	43	4			389

Family PSITTACIDAE

Number Species 11 Total Ringed Birds 483

Species	Y E A R											Total	
	63	64	65	66	67	68	69	70	71				
<u>Bolbopsittacus lunulatus</u>		9	25	2	4		15						55
<u>Loriculus galgulus</u>					1	1	2						4
<u>Loriculus philippensis</u>		1	4			3	6						14
<u>Loriculus vernalis</u>						20							20
<u>Prioniturus discursus</u>		2	20		1		1						24
<u>Psittacula cyanocephala</u>		2				12	45	7					66
<u>Psittacula krameri</u>				1	19	36	66	127	15				264
<u>Psittacula longicauda</u>					9	1							10
<u>Psittacula roseata</u>						1							1

<i>Ptilinopus cyanurus</i>						4						4
<i>Tanygnathus lucionensis</i>			14	7								21

Family CUCULIDAE

Number Species 27

Total Ringed Birds

2577

Species	YEAR											Total
	63	64	65	66	67	68	69	70	71			
<i>Cacomantis merulinus</i>		25	128	154	38	27	191	166	14			743
<i>Cacomantis soumerati</i>		7	4	7	8	13	2	2	1			44
<i>Cacomantis variolosus</i>		5	21	15	136	35	25	24	2			263
<i>Centropus siamensis</i>		1	2	1	3	6	20	26	9			68
<i>Centropus toulou</i>		4	17	22	28	21	13	10				115
<i>Centropus viridis</i>		2	11	3	11		3					30
<i>Chrysococcyx maculatus</i>		3										3
<i>Chrysococcyx malayanus</i>			4	5	11	10	4					34
<i>Chrysococcyx xanthorhynchus</i>			1		8	14	6	2				31
<i>Clamator coramandus</i>		1	2	6	4	14	35	42				104

<u>Clamator jacobinus</u>					2	2	11	12	1	28
<u>Cuculus canorus</u>				40	7	22	14	4	3	96
<u>Cuculus fugax</u>				8	6	8	12	9		53
<u>Cuculus micropterus</u>				1		7	5	7	1	27
<u>Cuculus poliocephalus</u>					3	1		13	3	21
<u>Cuculus saturatus</u>			2	1	22	17	2	3	21	68
<u>Cuculus sparverioides</u>			3	30	7	12	9	38		99
<u>Cuculus vagans</u>			3	1		1	3	2		10
<u>Cuculus varius</u>								1	6	9
<u>Eudynamis scolopacea</u>								73	49	441
<u>Phaenicophaeus curvirostris</u>			1			3				4
<u>Phaenicophaeus diardi</u>			1							1
<u>Phaenicophaeus sumatranus</u>							2			2
<u>Phaenicophaeus superciliosus</u>			1	3		1				5
<u>Phaenicophaeus tristis</u>			2	2		1	1	3	1	10
<u>Rhopodytes viridirostris</u>								40	42	92
<u>Surniculus lugubris</u>			4	15	13	30	26	44	44	176

Family TYTONIDAE

Number Species 3 Total Ringed Birds 39

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Phodilus</u> <u>badius</u>		3	5		2	1						11
<u>Tyto</u> <u>alba</u>								3				3
<u>Tyto</u> <u>capensis</u>			3	5	2	5	10					25

Family STRIGIDAE

Number Species 18 Total Ringed Birds 819

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Asio</u> <u>flammeus</u>					2	1		2				5
<u>Asio</u> <u>otus</u>				1	2	4						7
<u>Athene</u> <u>brama</u>		1	1			3	10	2	22			39
<u>Bubo</u> <u>bubo</u>						1						1

<i>Bubo coromandus</i>										2	5							7
<i>Glaucidium brodiei</i>		14	12	3	7	9	5	10	1									61
<i>Glaucidium cuculoides</i>		6	9	3	6	5	1											30
<i>Ketupa ketupa</i>		3	1				1											6
<i>Ninox philippensis</i>		26	48	20	4													98
<i>Ninox scutulata</i>		6	25	21	18	10	4	7	1									93
<i>Otus bakkamoena</i>	4	54	37	46	35	39	42	12	2									271
<i>Otus brookei</i>					1													1
<i>Otus rufescens</i>	1	2	1	2	2	5		4										17
<i>Otus sagittatus</i>			1			2		2										5
<i>Otus scops</i>		7	12	24	32	15	13	9	2									114
<i>Otus spilocephalus</i>		16	7	19	5	4	2	3										56
<i>Strix aduco</i>			1															1
<i>Strix uralensis</i>				2	2	5												9

Family PODARGIDAE

Number Species 4

Total Ringed Birds 19

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Batrachostomus affinis</u>									1			1
<u>Batrachostomus javensis</u>			2	1			1					4
<u>Batrachostomus septimus</u>			9		1		1					11
<u>Batrachostomus stellatus</u>				2		1						3

Family CAPRIMULGIDAE

Number Species 7

Total Ringed Birds 755

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Caprimulgus affinis</u>		2	25	8	7		3	2				47
<u>Caprimulgus asiaticus</u>						1	1	1	1	1		4
<u>Caprimulgus concretus</u>					2	2						4

	1	6	11	5	2	11	5	2	5	2	43
<u>Caprimulgus indicus</u>											
<u>Caprimulgus macurus</u>	39	91	69	168	101	114	45	10			637
<u>Caprimulgus sp.</u>							2				2
<u>Caprimulgus maharattensis</u>						1					1
<u>Eurostopodus macrotis</u>	3	3	2	5	3		1				17

Family APODIDAE

Number Species 15 Total Ringed Birds 6911

Species	YEAR											Total
	63	64	65	66	67	68	69	70	71			
<u>Apus affinis</u>	64	844	70	120	4	15	7					1124
<u>Apus pacificus</u>			4	8	1	5						18
<u>Chaetura cochinchinensis</u>				1		6						7
<u>Chaetura gigantea</u>					4	2	22	19				70
<u>Chaetura leucopygialis</u>												1
<u>Chaetura picina</u>			2									2
<u>Collocalia brevirostris</u>					1							1

<i>Collocalia esculenta</i>	558	46	916	1879	587	103	4	10	4088
<i>Collocalia gigas</i>					1	2	1		4
<i>Collocalia inexpectata</i>		2		6		1		1	10
<i>Collocalia maxima</i>				1					1
<i>Collocalia</i> sp						1			1
<i>Collocalia troglodytes</i>	16	2	20	33	33	39	115		458
<i>Collocalia vestita</i>		5	1	4	2	9	1		22
<i>Collocalia whiteheadi</i>	34	27	13	157	78	644	343		1296
<i>Cypsiurus parvus</i>				6		4	3		13

Family HEMIPROCNIDAE

Number Species 1 Total Ringed Birds 3

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Hemiprocne comata</i>			2					1				3

Family TROGONIDAE

Number Species 9 Total Ringed Birds 132

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Harpactes ardens</u>		1	4		3		1					9
<u>Harpactes diardii</u>		4	3	1	4	2	5					19
<u>Harpactes duvauceli</u>		4	1	1	5	7	1	2				21
<u>Harpactes erythrocephalus</u>		5	5	25	5	5	2	4				51
<u>Harpactes fasciatus</u>									1			1
<u>Harpactes kasumba</u>		2		2				1				5
<u>Harpactes oreskios</u>		2	1	1								4
<u>Harpactes orrhophaeus</u>						5	9	3				17
<u>Harpactes whiteheadi</u>		5										5

Family ALCEDINIDAE

Number Species 23 Total Ringed Birds 5824

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Alcedo althuis</i>	30 ⁶² 1 ⁶³	256	283	270	122	75	70	98	303		1508	
<i>Alcedo caerulescens</i>							16				16	
<i>Alcedo euryzona</i>		2	2			10	3	1			18	
<i>Alcedo meninting</i>		16	3	11	38	26	14	14			122	
<i>Ceryle lugubris</i>		1					2	1			4	
<i>Ceryle rudis</i>							3	3			6	
<i>Ceryx argentatus</i>			1								1	
<i>Ceryx cyamopterus</i>		4									4	
<i>Ceryx erithacus</i>		20	12	32	132	111	106	36	1		450	
<i>Ceryx melanurus</i>		1		1							2	
<i>Ceryx rudidorsus</i>		29	15	10	7	35	16	11			128	
<i>Haleyon chloris</i>	1	2	388	341	433	330	263	250	161		2169	

<i>Halcyon concreta</i>	3	6	8	4	13	26	2	4		66
<i>Halcyon coromanda</i>	2	14	122	42	94	54	31	60		425
<i>Halcyon cyanoventris</i>					1					1
<i>Halcyon hombroni</i>			1	1						2
<i>Halcyon lindsayi</i>		22	15	4	2		3	2		48
<i>Halcyon pileata</i>	⁶³ 35	28	11	22	30	38	41	20		198
<i>Halcyon sancta</i>						1	36	3		40
<i>Halcyon smyrnensis</i>	61	53	56	83	70	45	88	94	24	520
<i>Lacedo pulchella</i>		3	12	4	2	4	2	3		30
<i>Pelargopsis amauroptera</i>								5		5
<i>Pelargopsis capensis</i>		15	2	4	17	4	11	13		66

Family MEROPIIDAE

Number Species 8

Total Ringed Birds 3838

Species	Y E A R						Total			
	63	64	65	66	67	68		69	70	71
<i>Merops apiaster</i>								10		10

Family UPUPIDAE

Number Species 1

Total Ringed Birds 399

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Upupa epops</u>			3	5	19	40	69	222	41		399

Family BUCEROTIDAE

Number Species 7

Total Ringed Birds 19

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Anthracoceros convexus</u>					4						4
<u>Buceros bicornis</u>						1					1
<u>Penelopides panini</u>			2		1		1				5
<u>Ptilolaemus tickelli</u>						1					2
<u>Rhyticeros plicatus</u>							1				1
<u>Rhyticeros undulatus</u>					1						2

<i>Tockus</i>	<i>birostris</i>							2	2					4
---------------	------------------	--	--	--	--	--	--	---	---	--	--	--	--	---

Family CAPITONIDAE

Number Species 16 Total Ringed Birds 683

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Colaptes auratus</i>			2	1		5	1				9
<i>Megalaima asiatica</i>		10	21			7					38
<i>Megalaima australis</i>			3		1	1		1	1		7
<i>Megalaima chrysopogon</i>						1					1
<i>Megalaima corvina</i>								1			1
<i>Megalaima fasciata</i>			1		6	1			1		9
<i>Megalaima franklinii</i>		28	13	3	28	1					73
<i>Megalaima haemacephala</i>		85	63	22	41	35	55	24	16		341
<i>Megalaima henrici</i>			1			1					2
<i>Megalaima incognita</i>				12							12
<i>Megalaima myristicivora</i>		2	2			3		1	1		11

<i>Megalaima oorti</i>					5	1	3		9
<i>Megalaima virens</i>		4	2		3	2			11
<i>Megalaima viridis</i>						36	48	19	124
<i>Megalaima zeylanica</i>		4			3	2		1	19
<i>Psilopogon pyrolophus</i>			2	1	5	3	2		13

Family INDICATORIDAE

Number Species 1

Total Ringed Birds 8

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<i>Indicator archipelagicus</i>			1	1	1	1	4	1		8

Family PICIDAE

Number Species 42

Total Ringed Birds 1209

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<i>Blythipicus pyrrhotis</i>		7	5		1		2			15

<u>Blythipicus rubiginosus</u>	8	8	2	19	6	1	2		46
<u>Chrysocolaptes lucidus</u>	10	9		9	5	2	4	1	33
<u>Chrysocolaptes validus</u>							1		1
<u>Dendrocopos atratus</u>	5	3		2					10
<u>Dendrocopos auriceps</u>							2	1	3
<u>Dendrocopos canicapillus</u>	4	1							5
<u>Dendrocopos darjellensis</u>					2				2
<u>Dendrocopos himalayensis</u>							3	2	5
<u>Dendrocopos kizuki</u>		1	4	3	1	5	2		16
<u>Dendrocopos leucotis</u>	1		2						3
<u>Dendrocopos maciei</u>	3			1		2	3	2	11
<u>Dendrocopos maculatus</u>	2	1	1						4
<u>Dendrocopos maharattensis</u>				4	2	10	21	11	48
<u>Dendrocopos major</u>	1	23	5	8	10	3			50
<u>Dendrocopos moluccensis</u>		9		2	12	7	2		31
<u>Dendrocopos nanus</u>						1	3		4
<u>Diapium benghalense</u>				6	13	24	17	6	66

⁰ <i>Dinopium javanense</i>	2	5	13	6	11	13	11	1	62	
<i>Dinopium rafflesi</i>		2			1	3	1	1	8	
<i>Dryocopus javensis</i>		5							5	
<i>Gecinulus grantia</i>			2	5		1			8	
<i>Hemicircus canente</i>					1	2			3	
<i>Hemicircus concretus</i>							2		2	
<i>Jynx torquilla</i>		3	14	30	27	35	16	61	12	198
<i>Meiglyptes tristis</i>		2	2		1	10		2		17
<i>Meiglyptes tukki</i>		6	12	1	18	34	2	7		80
<i>Micropternus brachyurus</i>	5	7	8	6	22	14	4	2	1	69
<i>Mulleripicus funebris</i>		1					2			3
<i>Picumnus innominatus</i>		13	5	3	12	1	2	14		50
<i>Picus awokera</i>					3	2	1			6
<i>Picus canus</i>		5	1	1	4	5		1		17
<i>Picus chlorolophus</i>			2		3	2	17	4		28
<i>Picus erythropygus</i>		6						5		11
<i>Picus flavinucha</i>		8	1		5	2				16

<i>Picus mentalis</i>		1				1		2	1		5
<i>Picus miniacens</i>	1		2			2	1	3			9
<i>Picus puniceus</i>						3	1				4
<i>Picus vittatus</i>	13		27	19	6	16	13	9	1		104
<i>Picus xanthopygaeus</i>									3		3
<i>Sasia abnormis</i>	2	8	12	13	24	36	11	8			109
<i>Sasia ochracea</i>		6	21	1	3	4	4				39

Family EURYLAIMIDAE

Number Species 7 Total Ringed Birds 317

Species	YEAR											Total
	63	64	65	66	67	68	69	70	71			
<i>Calyptomena viridis</i>		11	36	18	11	50	10	10				146
<i>Gymbirhynchus macrohynchus</i>		1	4	2	13	12	6					38
<i>Eurylaimus javanicus</i>		2			8	5		1				16
<i>Eurylaimus ochromalus</i>		1	1		2	1						5
<i>Eurylaimus steerii</i>			5		4							9

<i>Pearisomus dalhousiae</i>		2			11	3				1		17
<i>Scirlophus lunatus</i>	3	18	13	25	6	11	10					86

Family PITTIDAE

Number Species 12 Total Ringed Birds 3992

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Pitta brachyura</i>						6	101	151	11			269
<i>Pitta caerulea</i>			1				1					2
<i>Pitta cyanea</i>				10								10
<i>Pitta erythrogaster</i>		87	605	324	643	63	129	101				1952
<i>Pitta granatina</i>					4	4	1	5				14
<i>Pitta guajana</i>		1	5		1	3	1	5				16
<i>Pitta guineyi</i>					2							2
<i>Pitta kochi</i>		1			1							2
<i>Pitta moluccensis</i>		2	15	10	71	106	168	82				454
<i>Pitta oatesi</i>		1	4									5

Pitta	phayrei			1								1
Pitta	sordida	14	36	26	254	285	441	209				1265

Family ALAUDIDAE

Number Species 13 Total Ringed Birds 10952

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Alauda arvensis</u>		23	523	12	33	11	4	12				618
<u>Alauda gulgula</u>			1	13	2	24	3	21	2			66
<u>Ammodramus phoeniceus</u>					1			4	1			6
<u>Calandrella acutirostris</u>								34				34
<u>Calandrella cinerea</u>								35	8953			8988
<u>Erismophila alpestris</u>								33				33
<u>Eremopterix grisea</u>							2	27	26			55
<u>Galerida cristata</u>			19		3	1	8	2	47			80
<u>Galerida deva</u>							4	1	18			18
<u>Melanocorypha bimaculata</u>									9			9

Mirafra assamica	2	2	48	107	18	23	2	202
Mirafra erythroptera					1	10	6	27
Mirafra javanica	75	146	215	155	51	71		815
Mirafra sp.						1		1

Family HIRUNDINIDAE

Number Species 11 Total Ringed Birds 320231

Species	Y E A R											Total	
	63	64	65	66	67	68	69	70	71				
Delichon dasypus			1			5			779				785
Delichon urbica		845	1171	1961	2281	1354	1326	1	155				1094
Hirundo concolor						1			4				7
Hirundo daurica		1	59	113	292	398	855	421	835				5974
Hirundo fluvicola												31	31
Hirundo rustica	1	1218	42299	102963	60119	29353	22677	12671	10877				232208
Hirundo smithii												1	1
Hirundo sp.												1	1

<i>Hirundo</i> <i>strolata</i>	1	10	218	8	124	83	63	507
<i>Hirundo</i> <i>tahitica</i>	56	1051	2158	1840	975	1387	1003	9145
<i>Riparia</i> <i>paludicola</i>	36	89	782	1472	581	85	167	3215
<i>Riparia</i> <i>riparia</i>		12	10	279	6231	1492	286	9263

Family CAMPEPHAGIDAE

Number Species 22 Total Ringed Birds 1901

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Coraciina</i> <i>fimbriata</i>		1			5	1						5
<i>Coraciina</i> <i>larvata</i>		1										1
<i>Coraciina</i> <i>melanoptera</i>						2	38	79	40			159
<i>Coraciina</i> <i>melaschista</i>		4	3		1	3						11
<i>Coraciina</i> <i>novaeollandiae</i>		4			1		4		2			11
<i>Coraciina</i> <i>ostenta</i>			7									7
<i>Coraciina</i> <i>polioptera</i>		4	1			1						6
<i>Coraciina</i> <i>striata</i>		10	8	3			1					22

<i>Hemipus hircundinaceus</i>							3	1	1	2					7
<i>Hemipus picatus</i>							72	23	5	17	8	1		88	153
<i>Lalage melanocephala</i>							3	1							4
<i>Lalage nigra</i>	4						141	215	321	162	93	124	49		1109
<i>Pericrocotus brevirostris</i>							6					1	6	20	33
<i>Pericrocotus cinnamomeus</i>										4	8	6	9	1	28
<i>Pericrocotus divaricatus</i>							2	5	6	2	5	1			21
<i>Pericrocotus ethologus</i>							14	8				1			23
<i>Pericrocotus flammeus</i>							17	12		1	12	2		13	57
<i>Pericrocotus igneus</i>											4				4
<i>Pericrocotus solaris</i>							3	10	1	5	2	3			24
<i>Tephrodornis gularis</i>										1		1			2
<i>Tephrodornis pondiceriana</i>										10	35	34	62	27	168
<i>Tephrodornis virgatus</i>							20	12		8	1	1	1	2	45

Family DICRURIDAE

Number Species 9

Total Ringed Birds

1570

Species	YEAR											Total
	63	64	65	66	67	68	69	70	71			
<u>Dicrurus adsimilis</u>		5	3	60	8	27	57	106	29			295
<u>Dicrurus aeneus</u>		29	14	4	6	5	9	1	1			72
<u>Dicrurus amnectans</u>	3	3	1	5	50	62	48	65				287
<u>Dicrurus balicassius</u>		55	52	25			2	3				137
<u>Dicrurus caeruleescens</u>						7	1					8
<u>Dicrurus hottentottus</u>		29	38	9	20	55	15	3				169
<u>Dicrurus leucophaeus</u>		46	52	8	15	42	73	7	1			244
<u>Dicrurus paradiseus</u>	1	35	26	27	32	28	32	11				192
<u>Dicrurus remifer</u>		16	38	109	24	9	10	9	1			216

Family ORIOLIDAE

Number Species 6

Total Ringed Birds 748

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Oriolus chinensis</i>	134	176	198	87	12	14	7				628	
<i>Oriolus cruentus</i>					1						1	
<i>Oriolus oriolus</i>						1	61	32			94	
<i>Oriolus tenuirostris</i>		2									2	
<i>Oriolus traillii</i>		3	4		3						10	
<i>Oriolus xanthonotus</i>		1	3	1		5	2	1			13	

Family CORVIDAE

Number Species 18

Total Ringed Birds 479

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Cissa chinensis</i>		1		1	1						3	

<u>Cissa erythrorhyncha</u>				3	1					4
<u>Cissa flavirostris</u>									1	1
<u>Cissa thalassina</u>	3		1							4
<u>Corvus corone</u>		3	5	2	1	2				13
<u>Corvus enca</u>				2						2
<u>Corvus macrorhynchos</u>			1	1	2	1	3	1		9
<u>Corvus splendens</u>					5	9	14	3		31
<u>Crypsirina formosae</u>				1		1		2		4
<u>Crypsirina occipitalis</u>	2	7	1				1			11
<u>Crypsirina tenuis</u>		7	5	11			24			47
<u>Crypsirina vagabunda</u>	1		3	6		21	22	2		55
<u>Cyanopica cyana</u>		18	12	28	2	19	3			82
<u>Garrulus glandarius</u>	15	64	13	10	5	11	2			120
<u>Nucifraga caryocatactes</u>			1				1			2
<u>Pica pica</u>		11	27	33			1			72
<u>Platylophus galericulatus</u>	1	1	4	1	3	2				12
<u>Platysmurus leucopterus</u>	4				3					7

Family PARIDAE

Number Species 15

Total Ringed Birds 5704

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Aegithalos caudatus</i>		31	155	148	124	25	56	20				659
<i>Aegithaliscus concinnus</i>			2	1	56	15		2				76
<i>Cephalopyrus hamiceps</i>									1			1
<i>Parus amabilis</i>			1									1
<i>Parus ater</i>		53	6	30	131	129	13	2				364
<i>Parus atricapillus</i>		11	1	11	21	2	10	1				57
<i>Parus elegans</i>		50	27	9	13	12	37	5				153
<i>Parus major</i>		310	400	656	1056	605	267	218	218			3730
<i>Parus melanolophus</i>								24	1			25
<i>Parus monticolus</i>				4	54	52	12	24	19			165
<i>Parus palustris</i>		24	27	60	30	50						191
<i>Parus rubidiventris</i>								9				9

<i>Parus varius</i>		28	4	151	21	11	3		218
<i>Parus xanthogenus</i>		20	28	2	17		2	85	154
<i>Sylviparus modestus</i>			1						1

Family CERTHIDAE

Number Species 6 Total Ringed Birds 72

Species	YEAR											Total
	63	64	65	66	67	68	69	70	71			
<i>Certhia discolor</i>		16	2		1				3			22
<i>Certhia familiaris</i>				2								2
<i>Certhia himalayana</i>								15	13			28
<i>Rhabdornis inornatus</i>		1	2									3
<i>Rhabdornis mystacalis</i>			3	2		5	2	2				14
<i>Salpornis spilnotus</i>							1	2				3

Family SITTIDAE

Number Species 7

Total Ringed Birds 189

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Sitta azurea</i>					3	4					7
<i>Sitta castanea</i>					2	15	1	5	12		35
<i>Sitta europaea</i>		17	8	6	14	2					47
<i>Sitta frontalis</i>		24	28	1	17	6	5				81
<i>Sitta himalayensis</i>						15					15
<i>Sitta tephromota</i>								2			2
<i>Trichodroma muraria</i>								2			2

Family TIMALIIDAE

Number Species 115

Total Ringed Birds 16441

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Actinodura egertoni</i>						2					2

<i>Actinodura morrisoniana</i>					11	6	16			33
<i>Actinodura ramsayi</i>	12	108								120
<i>Alcippe brunnea</i>	1	16								17
<i>Alcippe brunneicauda</i>	25	36		3	3	41	3			108
<i>Alcippe castaniceps</i>	161	197	3	9	96	4	4	14		488
<i>Alcippe cinerea</i>							3			3
<i>Alcippe cinereiceps</i>			7	36	7	21	1			72
<i>Alcippe morrisonia</i>	466	563	65	300	52	98	29	27		1900
<i>Alcippe poioicephala</i>	23	172	28	9	174	152	38	193		789
<i>Alcippe peracensis</i>	34	36	21	70	92	39	17			309
<i>Alcippe vinipectus</i>					2					2
<i>Chrysomma sinense</i>	9	13	6	50	110	43	63	45		339
<i>Cutia nipalensis</i>						3				3
<i>Dumetia hyperythra</i>					31	10	4	62		107
<i>Eudetes macrocerus</i>	1				1					2
<i>Gampsothychnus rufulus</i>	1	1		2						4
<i>Garrulax albobularis</i>		1			3					4

<u>Garrulax canorus</u>					6	4	7	6	2		25
<u>Garrulax chinensis</u>		6	8	3	5	2	1				25
<u>Garrulax erythrocephalus</u>		64	75	3	10	12	5	4	3		176
<u>Garrulax jerdoni</u>									204		244
<u>Garrulax leucolophus</u>		3	2	2	2	28					37
<u>Garrulax lineatus</u>						8		11	27		46
<u>Garrulax lugubris</u>		1									1
<u>Garrulax milnei</u>			1								1
<u>Garrulax mitratus</u>		16		6	17	14	5	4			62
<u>Garrulax moniligerus</u>		4	2	3	5	5	2				21
<u>Garrulax morrisonianus</u>				5	19	7	15	1			47
<u>Garrulax palliatus</u>		4									4
<u>Garrulax pectoralis</u>				1	1	1	2				4
<u>Garrulax perspicillatus</u>				8	10						18
<u>Garrulax poeciloshynchus</u>			1		2						3
<u>Garrulax strepitans</u>		5	6	1	10		5	3			30
<u>Garrulax variegatus</u>							2	7			9

<i>Heterophasia aeneiceps</i>		25	21	2	4		1		1	54
<i>Heterophasia auricularis</i>				5	14	1	5			25
<i>Heterophasia capistrata</i>						21				21
<i>Heterophasia melanoleuca</i>		104	263	5	4				2	378
<i>Heterophasia picaoides</i>		12	18	7	11	17	8	8		81
<i>Kenopia striata</i>					4	10	6	18		38
<i>Leiothrix argentauris</i>		62	116	56	75	78	52	27	3	469
<i>Leiothrix lutea</i>			3	4	2	14				23
<i>Liocichla ripponi</i>			22							22
<i>Liocichla steerei</i>				32	71	98	76	8		225
<i>Macromus flavicollis</i>		6	40	4	8	8	80	9		105
<i>Macromus gularis</i>		61	213	187	278	209	55	59	31	1093
<i>Macromus pilosus</i>		10	4	14	40	65	39	16		188
<i>Macromus striaticeps</i>		1	53	31	55	214	96	4		454
<i>Malacopteron affine</i>	6	14	23		2	19	8	7		77
<i>Malacopteron albugulare</i>	3	2			16	3	12	1		37
<i>Malacopteron cinereum</i>		28	31	4	98	48	36	55		300

<i>Malacopteron magirostre</i>	40	39	42	35	49	26	31	262
<i>Malacopteron magnum</i>	10	8	1	32	44	26	11	127
<i>Minla cyanouroptera</i>	21	68	2	27	29	4	7	158
<i>Minla strigula</i>	73	26			38			144
<i>Minla ignotincta</i>					5			5
<i>Myzornis pyrrhousa</i>					1			1
<i>Napothera atrigularis</i>				1				1
<i>Napothera brevicaudatus</i>	3	9	127	5	8	4		156
<i>Napothera crassa</i>	5							5
<i>Napothera epilepidotus</i>	8	15	4	1	3	10	4	45
<i>Napothera macrodactylus</i>		3			8	6	4	21
<i>Pellorneum albiventer</i>		25		1				26
<i>Pellorneum capistratum</i>	18	11	9	60	63	21	16	198
<i>Pellorneum ruficeps</i>	27	50	53	106	85	33	12	453
<i>Phoeopyga albiventer</i>					7			7
<i>Phoeopyga pusilla</i>		1		2	1	1		5
<i>Pomatohinus erythrogeus</i>	6	44				2		52

<u>Pomatorhinus hypoleucos</u>			3	3			1		1			8
<u>Pomatorhinus ochraceiceps</u>			1		3			2	1			7
<u>Pomatorhinus ruficollis</u>	5	7	7	4	4	7	7	4	1			35
<u>Pomatorhinus schisticeps</u>	43	92	61	7	7	36	20	11	40			310
<u>Pteruthius aenobarbus</u>		2		2	1	1	3					8
<u>Pteruthius flaviscapis</u>	11	6		6	2				1			26
<u>Pteruthius melanotis</u>		1			1							2
<u>Ptilocichla falcata</u>	3											3
<u>Ptilocichla mindanensis</u>		1					2					3
<u>Rhopophilus pekinensis</u>	6	3										9
<u>Stachyris capitalis</u>		4				10	3					17
<u>Stachyris chrysaea</u>	5	49	18	15	27	33	11					158
<u>Stachyris erythroptera</u>	27	16	30	103	119	48	17					360
<u>Stachyris leucatis</u>	5	1		3	16	3	6					34
<u>Stachyris maculata</u>	16	3	2	15	41	19	26					122
<u>Stachyris melanothorax</u>					1		1					2
<u>Stachyris nigriceps</u>	168	237	28	78	82	71	12	9				685

<i>Stachyris nigricollis</i>	7	3	10	42	41	19	12	134
<i>Stachyris nigrocapitata</i>	6							6
<i>Stachyris plateni</i>		7			14	2		23
<i>Stachyris poliocephala</i>	27	42	17	51	84	33	19	283
<i>Stachyris ruficeps</i>	16	59	7	67	54	30	12	245
<i>Stachyris rufifrons</i>		2	6		1	7		16
<i>Stachyris speciosa</i>	22	17	2					41
<i>Stachyris striolata</i>		1						1
<i>Stachyris whiteheadi</i>		2	3	21	1	8	49	84
<i>Timalia pileata</i>	4	32	14	28	39	5	23	145
<i>Trichastoma abbotti</i>	1	28	19	85	90	37	42	326
<i>Trichastoma bicolor</i>	8	7	2	7	36	33	18	111
<i>Trichastoma cinereiceps</i>	6	4	3		1	7		21
<i>Trichastoma malaccensis</i>	1	34	38	112	157	56	57	492
<i>Trichastoma pyrrohenys</i>	1							1
<i>Trichastoma rostratum</i>	6	19	9	38	63	30	15	180
<i>Trichastoma sepiarium</i>			1	10	23	13	6	53

Family PARADOXORNITHIDAE

Number Species 4 Total Ringed Birds 3,296

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Paradoxornis gularis</i>		32	42	3	74	7	14	3			175
<i>Paradoxornis guttaticolis</i>			19								19
<i>Paradoxornis nipalensis</i>		1		16	198	7	60	8			290
<i>Paradoxornis webbiana</i>		451	718	212	1045	356	30				2812

Family PYCNONOTIDAE

Number Species 49 Total Ringed Birds 48857

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Criniger bres</i>	2	95	64	38	74	123	39	27			462
<i>Criniger fimschi</i>			2		1	5	12				20
<i>Criniger flavolus</i>					23	1	2				26

<u>Criniger ochraceus</u>	1	30	92	261	108	40	6	7	2	547
<u>Criniger pallidus</u>		70	46	42	39	54	15	31	15	312
<u>Criniger phaeocephalus</u>		27	41	20	54	91	25	49		317
<u>Hypsipetes amaurotis</u>		21	60	21	40	41	60	27	12	282
<u>Hypsipetes charlottae</u>				2	2	4	6			14
<u>Hypsipetes criniger</u>	2	30	44	16	79	54	27	13		265
<u>Hypsipetes everetti</u>						40	17			57
<u>Hypsipetes flavala</u>		36	30	8	15	7	6	3	2	107
<u>Hypsipetes indicus</u>						134	105		29	268
<u>Hypsipetes madagascariensis</u>		29	7	8		121	53		105	323
<u>Hypsipetes malaccensis</u>		3	7	19		4				33
<u>Hypsipetes maclellandii</u>		281	118	16	102	27	36	20	17	617
<u>Hypsipetes philippinus</u>		403	835	358	171	257	414	214		2652
<u>Hypsipetes propinquus</u>	2	24	44	33	13	35		4	1	156
<u>Hypsipetes signiforensis</u>				269						269
<u>Hypsipetes thompsoni</u>		23	14							37
<u>Hypsipetes viridescens</u>		1	2	2	1	5	10			21

<i>Pycnonotus atriceps</i>		102	575	289	189	229	227	73	27	1811
<i>Pycnonotus aurigaster</i>		44	40	109	70	32	6	20	1	322
<i>Pycnonotus bimaculatus</i>						1				1
<i>Pycnonotus blanfordi</i>	13227	379	45	216	363	222	216	274	16	1890
<i>Pycnonotus brunneus</i>		27	26	13	33	42	24	18	5	188
<i>Pycnonotus cafer</i>		9			116	465	922	776	255	2543
<i>Pycnonotus cyaniventris</i>		11	11	2		12	5	1		42
<i>Pycnonotus dispar</i>		5		5	1	3				14
<i>Pycnonotus erythrophthalmos</i>		33	30	20	32	74	25	6	1	221
<i>Pycnonotus eutilotus</i>					16	27	5	1		49
<i>Pycnonotus finlaysoni</i>		21	54	64	125	51	17	19	17	368
<i>Pycnonotus flavescens</i>		149	267	52	32	1	11	12	10	534
<i>Pycnonotus goiavier</i>		1371	3707	3099	4067	5429	2415	1210	275	21573
<i>Pycnonotus jocosus</i>		201	106	26	147	704	470	307	788	2749
<i>Pycnonotus luteolus</i>						13	1332	1421	350	3116
<i>Pycnonotus leucogenys</i>		3			46	86	103	84	57	379
<i>Pycnonotus melanicterus</i>		250	120	97	107	85	16	18	16	709

Family AEGITHINIDAE

Number Species 12

Total Ringed Birds

1157

Species	Y E A R											Total	
	63	64	65	66	67	68	69	70	71				
<i>Aegithina lafresnayei</i>			1	3	9	3							16
<i>Aegithina nigrolutea</i>					2	6	2	13	1				142
<i>Aegithina tiphia</i>	1	18	21	48	117	115	198	86	90				694
<i>Aegithina viridissima</i>		1			6	9	1	4					21
<i>Chloropsis aurifrons</i>		20	15		1	12							48
<i>Chloropsis cochinchinensis</i>		8	19		2	1	10						40
<i>Chloropsis cyanopogon</i>		2	1		4	3							10
<i>Chloropsis hardwickii</i>		8	8		3	1	4						24
<i>Chloropsis palawanensis</i>		8	7	4	10	1							30
<i>Chloropsis sonnerati</i>		4		1		2	5						12
<i>Irena cyanogaster</i>		1											1
<i>Irena puella</i>		12	41	16	10	12	15	13					119

Family CINCLIDAE

Number Species 1 Total Ringed Birds 55

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Cinclus pallasi</u>		3	1	2				2	1	1		55

Family TROGLODYTIDAE

Number Species 1 Total Ringed Birds 69

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Troglodytes troglodytes</u>		4	13	9	19	3	7	1	15			69

Family TURPIDAE

Number Species 77 Total Ringed Birds 14380

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<u>Brachypteryx leucophrys</u>		9	20	63	4	8		2				106

<i>Brachypteryx major</i>													20	20
<i>Brachypteryx montana</i>													8	90
<i>Cochoa vixidis</i>													1	1
<i>Copsychus luzoniensis</i>													8	21
<i>Copsychus malabaricus</i>													58	551
<i>Copsychus niger</i>													14	58
<i>Copsychus pyropygus</i>														12
<i>Copsychus saularis</i>													144	1673
<i>Enicurus immaculatus</i>													5	6
<i>Enicurus leschenaulti</i>													27	96
<i>Enicurus maculatus</i>														5
<i>Enicurus ruficapillus</i>													7	78
<i>Enicurus schistaceus</i>													11	23
<i>Enicurus scouleri</i>														1
<i>Enicurus velatus</i>														1
<i>Erithacus akahige</i>													15	29
<i>Erithacus brunnea</i>														49

<i>Erethacus</i>	<i>calliope</i>		137	253	247	306	189	65	78	10	1285
<i>Erethacus</i>	<i>chrysaeus</i>						2				2
<i>Erethacus</i>	<i>cyane</i>	7	91	91	231	239	285	311	151	10	1516
<i>Erethacus</i>	<i>cyaneurus</i>									15	15
<i>Erethacus</i>	<i>megarhynchus</i>								3		3
<i>Erethacus</i>	<i>pectoralis</i>		5						1	1	7
<i>Erethacus</i>	<i>sibilans</i>		5	7	18	8	6	1			45
<i>Erethacus</i>	<i>sveticus</i>		1	9	3	90	292	83	471	76	1024
<i>Luscinia</i>	<i>luscinia</i>								1		1
<i>Monticola</i>	<i>cinclorhynchus</i>						58		4	20	82
<i>Monticola</i>	<i>gularis</i>				4	3				1	8
<i>Monticola</i>	<i>rufiventris</i>			2							2
<i>Monticola</i>	<i>saxatilis</i>								1		1
<i>Monticola</i>	<i>saltatoria</i>	7	41	124	66	97	59	2	1	1	387
<i>Myiomela</i>	<i>diana</i>					13	5	4			22
<i>Myiomela</i>	<i>leucura</i>		40	14	173	10	20	16	3	1	277
<i>Myiophonus</i>	<i>coeruleus</i>		27	5	10	4	3		4		53

<u>Myiophonus</u>	<u>glaucinus</u>										1			4
<u>Myiophonus</u>	<u>horsfieldii</u>										24		14	39
<u>Myiophonus</u>	<u>robinsoni</u>					2					1			3
<u>Oenanthe</u>	<u>deserti</u>												3	
<u>Oenanthe</u>	<u>isabellina</u>										1		4	5
<u>Oenanthe</u>	<u>xanthopyrmyia</u>										1			1
<u>Phoenicurus</u>	<u>auroreus</u>	5	95	129	168	57	32	4					4	494
<u>Phoenicurus</u>	<u>coeruleocephalus</u>												8	8
<u>Phoenicurus</u>	<u>frontalis</u>					2		3					1	6
<u>Phoenicurus</u>	<u>ochryus</u>								18	66	115	148	7	356
<u>Rhyacornis</u>	<u>fuliginosus</u>					1						5		6
<u>Saxicola</u>	<u>caprata</u>	22	74	58	87	40	46	46	53	376				
<u>Saxicola</u>	<u>ferrea</u>	38	69	2	1	11	7	3	1	132				
<u>Saxicola</u>	<u>fulicata</u>										15	32		47
<u>Saxicola</u>	<u>jerdoni</u>			2										2
<u>Saxicola</u>	<u>torquata</u>	11	288	105	150	41	53	52	13	713				
<u>Tarsiger</u>	<u>cyaneus</u>	11	76	39	99	28	44	23	14	334				

Tarsiger	indicus				23	23	54	3		103
Tarsiger	johnstoniae			8	69	16	41	7		141
Turdus	cardis	9	64	95	60	35	54	21	18	356
Turdus	celanops	19								19
Turdus	chrysolais	124	58	153	222	63	56	11	2	689
Turdus	dissimilis	1								1
Turdus	hortulorum		19	102	95	1	1			217
Turdus	merula				1	112	227	4	177	531
Turdus	naumanni	5	46	34	79	26	29	32	9	250
Turdus	obscurus	53	41	40	45	50	7	44	18	295
Turdus	pallidus	2	79	56	80	93	60	38	29	437
Turdus	poliocephalus	8			2					10
Turdus	ruficollis					24		18	10	52
Turdus	unicolar						3	11	59	73
Turdus	viscivorus							1		1
Zoothera	andromedae			2						2
Zoothera	cinerea	15	45	52	28	5	4	4		135

Zoothera citrina	1	1	3	27	19	116	232	44	88	531
Zoothera dauma		16	26	15	20	11	8	18	6	120
Zoothera dixonii			1							1
Zoothera everetti		1								1
Zoothera interpres					4	2	4	2		12
Zoothera marginata		12	3	5	2		2	1	1	26
Zoothera sibirica		144	7	62	37	8	18	20	1	292
Zoothera wardii							5			5

Family SYLVIIDAE

Number Species 93 Total Ringed Birds 37,462

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Abroscopus superciliaris</i>		3	6	1		1		2				13
<i>Acrocephalus agricola</i>					1		6	78	41			126
<i>Acrocephalus arundinaceus</i>		69	867	1580	900	615	417	306	36			5380
<i>Acrocephalus bistrigiceps</i>		35	47	242	507	244	297	6	83			1461

<u>Aerocephalus</u>	<u>concinus</u>				6				1	1	5	8	21
<u>Aerocephalus</u>	<u>dumetorum</u>							19	28	180	3075	681	3833
<u>Aerocephalus</u>	<u>sorghophilus</u>			141	127	34	11	26	12				351
<u>Aerocephalus</u>	<u>stenoreus</u>					3	3	52	24	77			159
<u>Bradypterus</u>	<u>caudatus</u>			2									2
<u>Bradypterus</u>	<u>luteiventris</u>					1							1
<u>Cettia</u>	<u>acanthizoides</u>			8	2	96	30	27	4				167
<u>Cettia</u>	<u>brunnicapilla</u>						1						1
<u>Cettia</u>	<u>canturians</u>			4	1								5
<u>Cettia</u>	<u>ceffi</u>									2			2
<u>Cettia</u>	<u>diphone</u>			46	204	276	581	171	409	109	52		1798
<u>Cettia</u>	<u>montana</u>			9				5					14
<u>Cettia</u>	<u>fortipes</u>					3	4	9		4	46		66
<u>Cettia</u>	<u>pallidipes</u>			5	1								6
<u>Cettia</u>	<u>squamiceps</u>			3	43	57	22	30	14	4	10		183
<u>Cettia</u>	<u>whiteheadi</u>			7									7
<u>Cettia</u>	<u>sp.</u>							1					1

<i>Cisticola exilis</i>	7	28	17	13	17	15	1		98
<i>Cisticola juncidis</i>	28	104	61	107	151	192	58	5	706
<i>Gerygone fusca</i>	15	5	2	3	7	14	6		52
<i>Hippolais caligata</i>				4	1	46	126	2	179
<i>Locustella certhiola</i>	85	95	496	52	57	22	65		872
<i>Locustella fasciolata</i>	42	4	4	54	3	1			108
<i>Locustella lanceolata</i>	105	1011	533	727	220	213	341	1	3151
<i>Locustella naevia</i>							6		6
<i>Locustella ochotensis</i>	5	68	116	188	131	99	34	18	659
<i>Megalurus palustris</i>	19	38	32	15	3	38	2		147
<i>Megalurus timoriensis</i>		22	7	4	4	11	1		49
<i>Orthotomus atrogularis</i>	60	73	122	78	103	116	38		590
<i>Orthotomus cinereiceps</i>				2	2	12			16
<i>Orthotomus cucullatus</i>	5	5	16	18	3	11	25	2	85
<i>Orthotomus nigriceps</i>	1	11				2			14
<i>Orthotomus ruficeps</i>	7	19	24	10	105	145	46	5	429
<i>Orthotomus sericeus</i>	26	30	25	177	124	26	10	18	436

<i>Orthotomus</i>	<i>sutorius</i>	8	12	38	75	110	154	265	425	141	1,228
<i>Pragmatocola</i>	<i>aedon</i>		16	30	36	30	70	11	55	33	281
<i>Phylloscopus</i>	<i>affinis</i>					1	7		203	50	261
<i>Phylloscopus</i>	<i>armandii</i>			1			1	3	1		6
<i>Phylloscopus</i>	<i>borealis</i>	3	353	310	545	298	366	243	311	38	2,487
<i>Phylloscopus</i>	<i>cebuensis</i>			19							19
<i>Phylloscopus</i>	<i>collybita</i>					48	211	170	375	42	846
<i>Phylloscopus</i>	<i>coronatus</i>		1		1	90	222	148	10		472
<i>Phylloscopus</i>	<i>davisoni</i>		3	52	7	30	1	14	5	1	113
<i>Phylloscopus</i>	<i>fuscatus</i>		2	21	102	65	156	26	132	2	506
<i>Phylloscopus</i>	<i>griseolus</i>							22	7	1	30
<i>Phylloscopus</i>	<i>inornatus</i>		8	61	36	36	35	116	254	105	651
<i>Phylloscopus</i>	<i>maculipennis</i>		2				3	1		2	8
<i>Phylloscopus</i>	<i>magnirostris</i>								31	2	33
<i>Phylloscopus</i>	<i>neglectus</i>								3		3
<i>Phylloscopus</i>	<i>nitidus</i>								126		126
<i>Phylloscopus</i>	<i>occipitalis</i>	3	27	71	165	249	179	74	116	87	971

<i>Phylloscopus olivaceus</i>		31	457	8	1	9	20	14		540
<i>Phylloscopus proregulus</i>		1	30	2	3		3	19		58
<i>Phylloscopus pulcher</i>		5	30			1				36
<i>Phylloscopus reguloides</i>		10	26	7	10	13	46	2	16	130
<i>Phylloscopus schwarzi</i>			3	6	3	3	3	7	1	26
<i>Phylloscopus sp.</i>	2			2	3		96	16	6	125
<i>Phylloscopus subaffinis</i>			1			1	1	4		7
<i>Phylloscopus subviridis</i>								1	1	2
<i>Phylloscopus tenellipes</i>			43	65	89	122	73	59	37	488
<i>Phylloscopus trivirgatus</i>		2	2		5	4	6	1		20
<i>Phylloscopus trochiloides</i>			3		6	6	262	403	32	712
<i>Phylloscopus tyleri</i>								18	57	75
<i>Prinia atrogularis</i>		3	6	3	4	1	5			22
<i>Prinia buchanani</i>							3	2		5
<i>Prinia familiaris</i>					2	18	55	31	18	124
<i>Prinia flaviventris</i>		123	187	86	139	113	44	16	17	725
<i>Prinia gracilis</i>									3	3

<i>Prinia hodgsoni</i>	7	2	3	78	144	7			258
<i>Prinia polychroa</i>				3	2				5
<i>Prinia rufescens</i>	3	32	11	46	31	11	7	2	143
<i>Prinia socialis</i>	1			3	20	18	41	34	117
<i>Prinia</i> sp.			1						1
<i>Prinia subflava</i>	29	131	53	24	33	46	139	61	516
<i>Prinia sylvatica</i>	2					1	2	3	8
<i>Regulus ignicapillus</i>				10	1	4			15
<i>Regulus regulus</i>	1	286	35	55	10	15			402
<i>Schoenicola platyura</i>								1	1
<i>Seicercus alboocularis</i>				5	1	6	9		15
<i>Seicercus burkii</i>	44	83	46	36	61	45	28	6	349
<i>Seicercus castaneiceps</i>	3		7	3	3	4			20
<i>Seicercus montis</i>	17			5	5		2		29
<i>Seicercus superciliaris</i>	1	9	4	1	4	6			25
<i>Seicercus xanthoschistus</i>					3		3	30	36

<i>Sylvia althaea</i>																		36	36	
<i>Sylvia borin</i>																			1	
<i>Sylvia communis</i>																			5	
<i>Sylvia curruca</i>															47	210	526	2101	264	3148
<i>Sylvia hortensis</i>															1	10	10	39		60
<i>Sylvia nisoria</i>																		20		20
<i>Tesia castaneocoronata</i>																				1
<i>Tesia olivea</i>																				1

Family MUSCICAPIDAE

Number Species 75

Total Ringed Birds 11659

Species	Y E A R										Total	
	63	64	65	66	67	68	69	70	71			
<i>Culicicapa ceylonensis</i>		64	71	10	40	39	30	9	41			304
<i>Culicicapa helianthea</i>		2	2	2								6
<i>Dumetia hyperythra</i>								10				10
<i>Erythropygia galactotes</i>								4				4



<i>Hypothyris azurea</i>		45	112	83	92	157	175	38	58	760
<i>Luscinola melanopogon</i>								15		15
<i>Muscicapa albicaudata</i>									41	41
<i>Muscicapa banyumas</i>		65	93	88	77	83	18	14	3	441
<i>Muscicapa basilanica</i>			1							1
<i>Muscicapa caeruleata</i>	1				1					2
<i>Muscicapa concreta</i>			1	1	2	19	2			25
<i>Muscicapa cyanomelana</i>		15	65	131	64	53	21	2	31	352
<i>Muscicapa duwatoria</i>		4	9	7	5	23	24	5		77
<i>Muscicapa ferruginea</i>		13	9	8	37	18	37	25		147
<i>Muscicapa grandis</i>		84	22	34	30	26	15	6	11	228
<i>Muscicapa griseisticta</i>		21	14	5	23	13	3	1		80
<i>Muscicapa hainana</i>			12	1	17	10	3			43
<i>Muscicapa herioti</i>							6	2		8
<i>Muscicapa hodgsoni</i>			14				1	3	1	20
<i>Muscicapa hyperythra</i>		63	18		14	18	14	9	1	157
<i>Muscicapa indigo</i>		3						2		5

<i>Muscicapa latirostris</i>		4	15	79	103	42	163	91	4	501
<i>Muscicapa leucomelanura</i>		1	3			1		3	57	45
<i>Muscicapa macgrigoriae</i>		27	5			2			4	86
<i>Muscicapa monileger</i>		29	50	4	12	4	18	3		120
<i>Muscicapa mugimaki</i>		1	14	6	8	15	4	13		61
<i>Muscicapa muttui</i>							24	30	3	57
<i>Muscicapa narcissima</i>	4	44	93	134	130	58	17	40	11	531
<i>Muscicapa nigrorufa</i>									20	20
<i>Muscicapa pallipes</i>						20	35		15	70
<i>Muscicapa panayensis</i>		7	9	2	1		2	1		22
<i>Muscicapa parva</i>		28	19	12	56	83	96	140	48	482
<i>Muscicapa platanae</i>		1		1			1			3
<i>Muscicapa poliohenys</i>		1								1
<i>Muscicapa rubeculoides</i>		6		1	13	87	122	198	35	352
<i>Muscicapa ruficauda</i>								14	26	40
<i>Muscicapa rufigastera</i>	4	70	92	125	76	57	21	5		450
<i>Muscicapa sibirica</i>		2	4	5	16	35	16			78

<i>Muscicapa solitaria</i>	2	2	41	4	3	2	1	2	57
<i>Muscicapa striata</i>							51		51
<i>Muscicapa sp.</i>				5	1			5	11
<i>Muscicapa strophata</i>			21	1		5		1	28
<i>Muscicapa sundara</i>		136	96	7	7	44	20	2	320
<i>Muscicapa superciliaris</i>								6	8
<i>Muscicapa thalassina</i>		72	19	1		31	23	4	150
<i>Muscicapa tickelliae</i>		1	26	2	26	63	44	33	238
<i>Muscicapa turcosa</i>					1			1	2
<i>Muscicapa unicolor</i>			5			3	3		11
<i>Muscicapa venusta</i>					4			1	5
<i>Muscicapa vivida</i>			1						1
<i>Muscicapa westermanni</i>		1	19		5	1	3		29
<i>Muscicapa zanthopygia</i>		4		5	106	140	210	68	533
<i>Muscicapella hodgsoni</i>								3	3
<i>Philetonoma pyrroptera</i>		16	12	8	40	48	26	15	165
<i>Philetonoma velata</i>		3	5			2	2	4	16

<u>Rhinomyias</u> <u>brunneata</u>	2	1	2	97	211	184	50	547
<u>Rhinomyias</u> <u>gularis</u>	58	9	1				1	69
<u>Rhinomyias</u> <u>olivacea</u>		53	1					54
<u>Rhinomyias</u> <u>ruficauda</u>		5			1	7		13
<u>Rhinomyias</u> <u>umbratilis</u>	8	1	2	25	22	6	6	70
<u>Rhipidura</u> <u>albicollis</u>	70	114	37	53	29	34	35	379
<u>Rhipidura</u> <u>albobularis</u>					5	5	1	11
<u>Rhipidura</u> <u>aureola</u>				1	3	3	5	14
<u>Rhipidura</u> <u>cyaniceps</u>	46	33	11	8	3	28	21	150
<u>Rhipidura</u> <u>euryura</u>					2	1		3
<u>Rhipidura</u> <u>hypoxantha</u>								15
<u>Rhipidura</u> <u>javanica</u>	13	179	237	373	346	277	202	1851
<u>Rhipidura</u> <u>nigrocinnamomea</u>				1	2			3
<u>Rhipidura</u> <u>perlata</u>					4	3	1	11
<u>Rhipidura</u> <u>phoenicura</u>								2
<u>Rhipidura</u> <u>superciliaris</u>		9				3		12
<u>Saxicoloides</u> <u>fulicata</u>				6	99	43	56	209

<i>Terpsiphone atrocaudata</i>	3	66	4	12	4	14	2		105
<i>Terpsiphone cinnamomea</i>		2			4				6
<i>Terpsiphone cyanescens</i>	16	20	7	15	12	23	2		95
<i>Terpsiphone paradisi</i>	14	55	4	37	68	220	362	16	776

Family PACHYCEPHALIDAE

Number Species 5 Total Ringed Birds 243

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Pachycephala cinerea</i>			3	6	59	40	28	13				149
<i>Pachycephala hypoxantha</i>		9				1						10
<i>Pachycephala philippensis</i>		4	9	10	13	3	1	1				41
<i>Pachycephala plateni</i>		8	29	1	2							40
<i>Pachycephala whiteheadi</i>							1	2				3

Family PRUNELLIDAE

Number Species 4

Total Ringed Birds

175

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Prunella collaris</i>						6	4				10
<i>Prunella montanella</i>	8	26	20	34		65	1				154
<i>Prunella rubida</i>				2	2	2	1	1			8
<i>Prunella strophiate</i>									3		3

Family MOTACILLIDAE

Number Species

Total Ringed Birds

77,154

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<i>Anthus campestris</i>									15	80	95
<i>Anthus gustavi</i>		3	5	13	1	2	1				25
<i>Anthus hodgsoni</i>		243	650	548	358	444	125	163	35		2566

Family ARTAMIDAE

Number Species 2 Total Ringed Birds 247

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Artamus leucorhynchus</u>				2	2			4			8
<u>Artamus leucorhynchus</u>		19	65	37	54	15	24	24	1		239

Family LANIIDAE

Number Species 11 Total Ringed Birds 39621

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Lanius bucephalus</u>		37	390	304	278	136	161	22	82		1410
<u>Lanius collurio</u>								158			158
<u>Lanius collurio</u>			1	5	5	5					16
<u>Lanius cristatus</u>	59	445	2849	12199	4697	8767	6924	1011	34		36986
<u>Lanius excubitor</u>								4	2		6

Lanius	masulius		11	5	27	14	19	14	11		101
Lanius	schach		5	40	25	75	18	34	135	46	378
Lanius	tephronotus			5	1						6
Lanius	tigrinus		2	29	20	21	96	122	38		328
Lanius	validirostris		53								53
Lanius	vittatus					11	30	52	62	25	180

Family STURNIDAE
 Number Species 22 Total Ringed Birds 10497

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
Ampeliceps coronatus						6			29			35
Aplonis panayensis		322	392	388	367	163	266	220				2118
Gracula religiosa			2									2
Gracupica melanoptera							11					11
Sarcops calvus		66	123	44	179	136	85	164				797
Sturnus burmannicus				1	2	38	12					63

<i>Sturnus cineraceus</i>	125	41	52	141	269	56	17	728	1429
<i>Sturnus contra</i>	1		3	74	193	232	378	131	1012
<i>Sturnus cristatellus</i>	5	17	1		12	46	1		83
<i>Sturnus gingivianus</i>				3	193	30	33	102	361
<i>Sturnus javanicus</i>	3	4	1	51	50	20	3		132
<i>Sturnus maharattensis</i>				1	6	111	12		130
<i>Sturnus malabaricus</i>				9	53	39	105	94	298
<i>Sturnus nigricollis</i>	13		2	17	36	38	23		129
<i>Sturnus pagodarum</i>				39	219	382	1099	269	2008
<i>Sturnus philippensis</i>	11		46	101	100	30			288
<i>Sturnus roseus</i>					3	64	161	16	244
<i>Sturnus sericeus</i>	1								1
<i>Sturnus sinensis</i>			11		192			25	228
<i>Sturnus surninus</i>	4	60	68	73	12	19		1	237
<i>Sturnus tristis</i>	4	3	28	53	50	177	295	41	651
<i>Sturnus vulgaris</i>				20	5	3	71	151	257

Family MELIPHAGIDAE

Number Species 1 Total Ringed Birds 3

Species	Y E A R							Total		
	63	64	65	66	67	68	69		70	71
<u>Apalopteron familiaris</u>							3			3

Family NECTARINIIDAE

Number Species 30 Total Ringed Birds 9274

Species	Y E A R										Total
	63	64	65	66	67	68	69	70	71		
<u>Aethopyga boltoni</u>			3								3
<u>Aethopyga christinae</u>				1							1
<u>Aethopyga eximia</u>						3			4		7
<u>Aethopyga gouldiae</u>			12	298				4			314
<u>Aethopyga mystacalis</u>		1					2				4
<u>Aethopyga nipalensis</u>		5	25				1				31

<i>Aethopyga pulcherrima</i>							1	1											4
<i>Aethopyga saturata</i>			28	22	15	23	32	25	8										153
<i>Aethopyga shelleyi</i>				17	8	3			1										29
<i>Aethopyga siparaja</i>			34	43	19	22	15	3	1	4									141
<i>Anthreptes malaccensis</i>			65	190	174	301	194	156	103	6									1189
<i>Anthreptes rhodolaema</i>			1	2	1	3	1												8
<i>Anthreptes simplex</i>			3	11	4	4	25	5	18										70
<i>Anthreptes singalensis</i>			4	13	1	21	13	2	1										55
<i>Arachnothera affinis</i>			19	89	3	96	33	5	5										190
<i>Arachnothera chrysoxenys</i>			2			1	1												4
<i>Arachnothera clarae</i>				1			3												4
<i>Arachnothera crassirostris</i>						2	1												3
<i>Arachnothera flavigaster</i>				2			1												3
<i>Arachnothera longirostris</i>			262	743	406	872	1184	299	213	13									3992
<i>Arachnothera magna</i>			17	9	15	14	10	4	1										70
<i>Arachnothera robusta</i>				2	3	4	1	2											12
<i>Hypogramma hypogrammica</i>	1		26	42	19	72	63	21	25										269

Nectarinia asiatica					1	255	221	269		446
Nectarinia chalcostetha	4	3	17	10	29	49	24	4		140
Nectarinia jugularis		42	248	243	264	173	230	117		1317
Nectarinia lotenia						2				2
Nectarinia minima						15	21		13	49
Nectarinia sperata		4	11	23	7	47	142	32		266
Nectarinia zeylonica						41	44	91	22	198

Family DICAELIDAE

Number Species 22 Total Ringed Birds 3583

Species	YEAR											Total
	63	64	65	66	67	68	69	70	71			
Dicaeum agile		20	5		4	4	1	4	4			42
Dicaeum anthonyi						2						2
Dicaeum australe		71	172	31	68	254	172	182				950
Dicaeum bicolor		4	3	1	32	36	3	1				80
Dicaeum celebicum						1						1

<i>Dicaeum chrysorrheum</i>	3	4	4	4	4	1	8	24
<i>Dicaeum concolor</i>	1		2	4		2		10
<i>Dicaeum cruentatum</i>	12	1	23	62	25	21	5	149
<i>Dicaeum erythrorhynchos</i>					4	11	15	53
<i>Dicaeum hypoleucum</i>	3			16	56	14	14	103
<i>Dicaeum ignipectus</i>	5	4		2				11
<i>Dicaeum papuense</i>						4		4
<i>Dicaeum pygmaeum</i>	1	20	7	1	6	10	2	47
<i>Dicaeum sanguinolentum</i>	2		2	9	6	2		21
<i>Dicaeum trigonostigma</i>	39	71	22	81	683	314	121	1331
<i>Dicaeum trochileum</i>					15	11	5	36
<i>Prionochilus johanna</i>	5	31	11	4	1	1	3	56
<i>Prionochilus maculatus</i>	1	38	63	40	80	62	13	456
<i>Prionochilus olivaceus</i>	3	13	1	13	6	24		60
<i>Prionochilus percussus</i>	5	6	1		20	46	6	84
<i>Prionochilus thoracicus</i>	3		1	1		16	16	42
<i>Prionochilus xanthopygius</i>	1			8	12			21

Family ZOSTEROPIDAE

Number Species 9 Total Ringed Birds 4272

Species	Y E A R											Total	
	63	64	65	66	67	68	69	70	71				
<u>Chlorochanis emiliae</u>		142											142
<u>Oculocincta javanica</u>									12				12
<u>Zosterops erythropleura</u>		70	312				9	11					402
<u>Zosterops everetti</u>			1	12	14	312	374						713
<u>Zosterops japonica</u>		108	175	163	38	75	212	87	18				876
<u>Zosterops javanica</u>							1						1
<u>Zosterops montana</u>		15	19					4					38
<u>Zosterops nigrorum</u>		222	59	55	80	9	32	21					477
<u>Zosterops palpebrosa</u>		169	420	177	186	61	49	136	415				1611

Family FRINGILLIDAE

Number Species 50

Total Ringed Birds 180,669

Species	Y E A R											Total	
	63	64	65	66	67	68	69	70	71				
<u>Carduelis flavirostris</u>								4					4
<u>Carduelis caniceps</u>								1	30				31
<u>Carduelis flammea</u>			74	34	109								217
<u>Carduelis sinica</u>		466	1389	476	1662	784	488	163	886				6254
<u>Carduelis spinus</u>		1	411	1561	198	839	598		2				3610
<u>Carduelis spinoides</u>										5			5
<u>Carpodacus erythrinus</u>		42	428	11	4	49	128	253	1175				2090
<u>Carpodacus rodocbrous</u>										6			40
<u>Carpodacus roseus</u>		8	26	20	13	151							218
<u>Carpodacus vinaceus</u>				4	81	9	25	38					157
<u>Coccothraustes coccothraustes</u>		4	230	81	36	6	7	5	6				375
<u>Emberiza aureola</u>		95	63	990	1408	3806	867	171					7400

<i>Emberiza</i>	<i>bruniceps</i>										85		85
<i>Emberiza</i>	<i>buchanani</i> *										27		27
<i>Emberiza</i>	<i>chrysophrys</i>	1	2	6	6	3							18
<i>Emberiza</i>	<i>cia</i>										10	8	18
<i>Emberiza</i>	<i>cioides</i>	144	1414	635	1361	361	268	78	29				4310
<i>Emberiza</i>	<i>elegans</i>	224	1027	603	990	372	44	85	15				3304
<i>Emberiza</i>	<i>fucata</i>	223	284	98	305	119	108	29	61				1322
<i>Emberiza</i>	<i>holtoni</i> *							4					4
<i>Emberiza</i>	<i>leucocephalus</i>		7		2			1					10
<i>Emberiza</i>	<i>melanocephala</i>							9					9
<i>Emberiza</i>	<i>pusilla</i>		20	8	39	1							68
<i>Emberiza</i>	<i>rufica</i>	2910	28430	19048	10284	1926	1485	162	303				62345
<i>Emberiza</i>	<i>rutila</i>	9965	12838	9912	12572	879	1128	48					47740
<i>Emberiza</i>	<i>schaeniclus</i>	1	48	503	1846	1315	2405	641	1039				7800
<i>Emberiza</i>	<i>sp.</i>							1					1
<i>Emberiza</i>	<i>spodicephala</i>	550	2226	5726	6441	4231	1739	2627	441				24991
<i>Emberiza</i>	<i>stewarti</i>					1	1	30	2				2
													36

Emberiza holtoni = *Emberiza buchanani*

<i>Emberiza sulphurata</i>			40	228	741	49	80	40	21	1149
<i>Emberiza tristrami</i>	500		530	247	684	16	60	49		2086
<i>Emberiza variabilis</i>		1	9	6	38	9	34	8	10	105
<i>Emberiza yessoensis</i>		14	18	58	192	39	11	1	4	337
<i>Eophona migratoria</i>		24	67	25	15	18				149
<i>Eophona personata</i>		1								1
<i>Fringilla montifringilla</i>			21	141	68	169	94	1		434
<i>Haematospiza sipahi</i>		4	1							5
<i>Loxia curvirostra</i>				7	24	11	408			450
<i>Loxia leucoptera</i>				3						3
<i>Melophus lathamii</i>		1	2			13	6	10		32
<i>Montifringilla nivalis</i>								10		10
<i>Montifringilla theresae</i>								38		38
<i>Mycerobas icteroides</i>								1		1
<i>Pyrrhula aurantiaca</i>									15	15
<i>Pyrrhula erythaca</i>						38	4	4		47
<i>Pyrrhula nipalensis</i>				1	4	4	1			14

<i>Pyrrhula pyrrhula</i>	5	1	33	58	41	25	1	164
<i>Rhodoprechys githagineus</i>							156	156
<i>Rhodoprechys sanguinea</i>							43	43
<i>Serinus pusillus</i>							1	2
<i>Uragus sibiricus</i>	51	148	11	103	27	57	43	443

Family PLOCEIDAE

Number Species 24 Total Ringed Birds 108,716

Species	Y E A R											Total
	63	64	65	66	67	68	69	70	71			
<i>Erythrura hyperythra</i>		7										7
<i>Erythrura prasina</i>			34	23	24	140	1007	3				1481
<i>Estrilda amandava</i>		6		7	26	35	4	4	9			91
<i>Lonchura ferruginosa</i> *		251	366	191	63	87	118	42				1118
<i>Lonchura fuscaus</i>		1		19	180	194		96				490
<i>Lonchura kelaati</i>								12	4			16
<i>Lonchura leucogastra</i>		30	1453	269	496	2479	3208	900	13			8848

<i>Lonchura leucogastroides</i>									105	6	52		163
<i>Lonchura maja</i>		214	148	57	106	42	47					1	615
<i>Lonchura malabarica</i>					3	35	53	58				5	154
<i>Lonchura malacca</i> *		353	2612	2004	1977	6929	12817	8366	889				35947
	62	63											
<i>Lonchura punctulata</i>	13	99	2717	789	1086	1617	238	933	61				7558
<i>Lonchura striata</i>		370	1175	36	254	199	52	30	21				2137
<i>Padda oyzivora</i>		2	37	13	7	55	143	2					259
<i>Passer domesticus</i>					1491	1044	2885	2427	1900				9747
<i>Passer flaveolus</i>	1	116	4	166	328	87	84	19					805
<i>Passer hispaniolensis</i>					2315	944	3572	558	305				7694
<i>Passer montanus</i>	116	1235	5945	2440	4217	3243	3530	2313	1014				22169
<i>Passer rutilans</i>		53		1	1	11	27	21	66				180
<i>Petronia petronia</i>												1	
<i>Petronia xanthocollis</i>					109	113	645	470	63				1400

* *Lonchura ferruginosa* = *Lonchura malacca*

