



# **Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme**

Winter 2002-2003 Report

Y. T. Yu



The Hong Kong Bird  
Watching Society Limited



Agriculture, Fisheries and  
Conservation Department

# Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

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## ***Waterbird Count Coordinator***

YU Yat Tung

## ***Project Funding***

Agriculture, Fisheries and Conservation Department

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Cover photo: Saunders's Gull *Larus Saundersi* and Black-headed Gull *Larus ridibundus* at Mai Po

(Photo by: John HOLMES)

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**MAI PO INNER DEEP BAY RAMSAR SITE  
WATERBIRD MONITORING PROGRAMME**

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Programme 2002/03

Monthly Waterbird Counts

Oct 2002 - Mar 2003

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**Winter 2002-2003 Report**

Y.T. Yu<sup>1</sup>

**Introduction**

Long-term monitoring of waterbirds in the Mai Po Inner Deep Bay Ramsar Site is an important aspect of the management strategy for the Site, and provides an indication of the health of the Deep Bay ecosystem. This programme, which commenced in March 1998, is administered and executed by the Hong Kong Bird Watching Society Limited (HKBWS) under subvention from the Agriculture, Fisheries and Conservation Department. Monthly counts of waterbirds form one part of this programme, the other main components being counts of migrant shorebirds utilising the area and surveys of ardeid nesting colonies. This report concerns the waterbird monitoring component for the winter period from October 2001 to March 2002.

Coordinated mid-monthly counts of wintering waterbirds in Hong Kong were carried out by members of the HKBWS on 20 October 2002, 17 November 2002, 21 December 2002, 19 January 2003, 23 February 2003 and 23 March 2003. The January count was carried out to coincide with the Asian Waterfowl Census organized by Wetlands International – Asia Pacific. Counts from November to March have been carried out each winter since 1992-1993; counts in January were first carried out in 1979.

In accordance with guidelines provided by Wetlands International, other counts, if higher, are included from the one-week period wither side of the coordinated count date. It should be noted that for the majority of species this means the single count must be higher than the total provided by the coordinated count for it to be included.

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As in recent winters, the use of mobile phones at Tsim Bei Tsui and Mai Po Boardwalk ensured that double-counting and, as far as possible, under-counting was avoided for birds in the intertidal areas on the Hong Kong side of Deep Bay ('Inner Deep Bay').

Due to habitat degradation, the areas of Tin Shui Wai and Chau Tau were dropped from the list of sites counted from winter 2000-2001. Nam Sang Wai was only surveyed for roosting Great Cormorants *Phalacrocorax carbo* in the evening of the January count. This area is fenced by land owner and there is not accessible to waterbird counters.

## **Results**

Coverage of the Ramsar Site was complete in all months. For other sites in Deep Bay as a whole, only Nim Wan/Lau Fau Shan in February was not counted.

The results of the six counts are summarized in Table 1; results in full are provided in Appendix 1.

**Table 1. Deep Bay Area Waterbird Counts Winter 2002-2003 by groups and area.**

Group	Site	Oct	Nov	Dec	Jan	Feb	Mar
Cormorants	Ramsar Site	417	3602	5021	5980	2375	1180
	Deep Bay area	633	6534	5767	7959	3253	2005
	SI & SW	26	182	3*	88	2*	58
Ardeids	Ramsar Site	1412	2367	2563	2828	2485	1581
	Deep Bay area	3139	4412	4406	4702	4254	2505
	SI & SW	626	618	69*	475	97*	409
Ducks and grebes	Ramsar Site	2404	8134	6152	11210	10634	1851
	Deep Bay area	2447	11393	14827	20203	19541	2340
	SI & SW	0	17	0*	24	0*	6
Rails, Coots etc.	Ramsar Site	57	68	130	137	61	87
	Deep Bay area	97	97	219	213	150	147
	SI & SW	6	4	2*	6	1*	10
Waders	Ramsar Site	2006	7535	3423	7080	9439	1732
	Deep Bay area	2133	7859	4314	7527	9849	8172
	SI & SW	23	51	1*	59	15*	7
Gulls and terns	Ramsar Site	0	4059	9291	13037	1243	177
	Deep Bay area	0	4183	9503	13191	1444	1195
	SI & SW	0	0	0*	0	0*	0
Totals	Ramsar Site	6296	25765	26580	40272	26237	6609
	Deep Bay area	8449	34488	39036	53795	38491	16364
	SI & SW	681	872	75*	652	115*	494

SI & SW = Starling Inlet and Shuen Wan

\* Numbers are only from Shuen Wan and no count from Starling Inlet.

Peak waterbird numbers in Deep Bay usually occur in January, and this winter a total of 53,795 waterbirds of 59 species were recorded in the Deep Bay Area; for the Ramsar Site alone this figure is 40,272. Numbers and trends of wintering waterbirds in Deep Bay area since 1979 are shown in Figure 1. It can be seen that numbers have become stabilized in a range of 50,000 to 55,000 since January 1998.

In order to gain a more accurate picture of the number of waterbirds that depend on Deep Bay for at least some part of the winter, and to counteract stochastic biases occurring as a result of using January count alone, the sum of peak species counts for the December to February can be used. The total this winter was 63,198 birds of 63

species, an increase over the January count of 9403, or approximately 17 %. The January count thus comprises only 85.1 % of the total winter count, which is the second lowest percentage since 1992-93.

The ten most numerous species in Deep Bay Area during winter 2002-2003 were: Black-headed Gull (12601), Great Cormorant (7959), Pied Avocet (5864), Northern Pintail (4381), Northern Shoveler (4271), Eurasian Wigeon (4080), Common Teal (3826), Marsh Sandpiper (1760), Little Egret (1653) and Great Egret (1421).

### *Species of conservation significance*

A number of species that occur in the Deep Bay Area are of conservation significance due to their being listed as globally threatened by BirdLife International (2000), or because they are species for which Deep Bay supports or may support, at least 1% of regional or flyway population, as used for implementing the Ramsar Convention criterion 3c. These species were derived from the results of past waterbird counts by Carey and Young (1999), and were accorded this status according to the information in Rose and Scott (1997). Recent counts of these waterbird species were discussed in previous reports (Carey 2001, 2002). A recent published Waterbird Population Estimates – third edition (Wetlands International 2002) has updated the information regarding to ‘1% of regional or flyway population’. A brief review of these important waterbird species using this new data is provided below. Species in brackets were previously considered to have significant regional or flyway populations in the Deep Bay, but are now no longer included based on this new data. Status of any globally threatened species are placed after the species name.

### **Dalmatian Pelican**      *Pelcanus crispus*      Conservation Dependent

A total of 14 individuals of this species wintered in Deep Bay. Population in East Asia is estimated fewer than 130 individuals (Wetlands International 2002). This appears to be at least 11% of the regional or East Asia population.

### **Great Cormorant**      *Phalacrocorax carbo*

A peak of 7959 birds was counted in January 2003, which is also the second highest total of this species. The 1% threshold value is set at 1000 birds in the East Asia region (Wetland International 2002).

### **[Grey Heron**      *Ardea cinerea*

The peak count of 930 birds recorded in January, but the 1% threshold value of



the regional population is now set at 10,000 individuals (Wetlands International 2002).]

**Great Egret**      *Egretta alba*

The peak winter count was 1421, which exceeded the 1% threshold value set by Wetlands International (2002) at 1000 individuals.

**[Little Egret**      *Egretta garzetta*

The peak winter count was 1653, but the 1% threshold value is now set to 10,000 individuals (Wetlands International 2002).]

**[Chinese Pond Heron**      *Ardeola bacchus*

The peak winter count was 307 in January, which is the highest of the last five winters. The number has been increasing from a low of 104 individuals in January 1999. No 1% threshold value was provided by Wetlands International (2002) because the population of this species is too uncertain, lying in the range 25,000 to 1,000,000 individuals.]

**Black-faced Spoonbill**      *Platalea minor*      Endangered

A total of 234 was present in December count and 230 birds was recorded in the January count; these figures comprise approximately 22% of the world population. The new world known population is estimated as 1069 from the latest International Black-faced Spoonbill Census 2003 (Yu 2003).

**[Common Shelduck**      *Tadorna tadorna*

The peak winter count was only 192, which is the lowest since 1982. Numbers have fluctuated in the past but have been low since winter 2000-01, and the 5-years mean is only 658 birds and the mean of all counts is 1163 birds. The 1% regional or flyway population is set at 1300 individuals (Wetlands International 2002).]

**[Eurasian Wigeon**      *Anas penelope*

The peak winter count of 4080 was recorded in January, which is the second highest of the last five winters; the highest was 6705 in January 2001. In contrast to previous winters which had approximately 70% of birds recorded in Futian (Carey 2002), approximately 45% and 28% were recorded in Tsim Bei Tsui area and Mai Po Nature Reserve, while only 23% were counted from Futian. The 1% threshold of regional population is set at 7500 birds (Wetlands International 2002).]



International 2002). Therefore, these numbers constitute 2% to nearly 6% of the regional population.

**[Grey Plover**      *Pluvialis squatarola*

The peak winter count of 295, recorded in January, is similar to last winter. The number has remained low since winter 1998-99. The 1% regional or flyway populations is now set at 1300 (Wetlands International 2002).]

**Kentish Plover**      *Charadrius alexandrinus*

The peak winter count of 378 was recorded in November, with only 5 in October, 20 in January, 8 in March, and no records in December or February. All these numbers are considered not to accurately represent the actual number of this species in the Deep Bay area; instead, they reflect the difficulties of making accurate counts of the wintering flock of small waders. This species and Dunlin are usually present in large number on the intertidal mudflats from Mai Po boardwalk when tide is low. Viewing conditions on the count days in November, December and January were unfavourable due to a low high-tide level and poor visibility due to atmospheric conditions. The 1% regional population is set at 1000 (Wetlands International 2002); with a five-year mean for the period 1997 to 2001 of 1935, this constitutes nearly 2% of the regional population.

**[Black-tailed Godwit**      *Limosa limosa*

The peak winter count of 340, recorded in February, is similar to number of last winter. This figure is the second highest winter count of this species. A total of 440 was counted in November, but these might have included some passage individuals. The 1% regional population is set at 1600 (Wetlands International 2002).]

**Eurasian Curlew**      *Numenius arquata*

The peak winter count was 1014 in February is close to the historical peak figure of 1190. It is also the first count to exceed 1000 since winter 1993-94. The regional population is estimated at 35,000 and the 1% threshold value is set at 350 (Wetlands International 2002). Therefore, this constitutes approximately 3.9% of the regional population.

**Spotted Redshank**      *Tringa erythropus*

The peak winter count of 450 in February was only 18% of the highest winter number (2500) in last winter. A total of 601 were recorded in November, but some

other wintering individuals should have arrived later on. Such a low count is probably the result of birds roosting outside Mai Po and the relatively low high-tide level during the January count. That this species was underestimated this winter is further indicated by counts of 674 and 1093 birds in a mixed flock of this species and Common Greenshank in December and January respectively. The 1% regional or flyway population is set to 1000 (Wetlands International 2002). Deep Bay should have a significant regional or flyway population of this species.

**Marsh Sandpiper**      *Tringa stagnatilis*

The peak winter count of 1760 in February is a new high for the winter numbering Hong Kong. This is an increase of 50% above the count obtained in winter 2000-01, though no representative number was made in winter 2001-02. The total regional or flyway population is estimated at 90,000 individuals, and the 1% threshold value is thus set at 900 (Wetlands International 2002). Hence, this constitutes approximately 2% of the regional population.

**Common Greenshank**      *Tringa nebularia*

The peak winter count of only 67 birds in February is not representative of the true numbers present. More large waders *Tringa* were counted in December and January (see Spotted Redshank). The 1% regional or flyway population is set at 550 (Wetlands International 2002). Although only 290 and 376 were counted in winter 2000-01 and winter 2001-02 respectively, a high number of 885 were recorded in January 1995 and it is likely that in some winters at least, Deep Bay supports 1% or more of the regional population.

**Nordmann's Greenshank**      *Tringa guttifer*      Endangered

One recorded in February is presumed to be an over-wintering individual.

**[Dunlin**      *Calidris alpina*

The peak winter count of 11 in January is extremely low, and almost certainly is not representative of the true numbers present. The situation is similar to that of last winter and, as with Kentish Plover, is caused by a combination low 'high-tide' levels and poor visibility. The five-year mean of 1997-2001 is 2312. The 1% regional or flyway population is set to 10,000 (Wetlands International 2002); assuming Deep Bay actually supports 3000 birds in most winters, this shows the threshold level is not reached. Hong Kong wintering population lies at the southern edge of the wintering range, this is reflected in the result of the counts.]

**Saunders's Gull**      *Larus saundersi*      Vulnerable

The peak winter count was 35 in February. Numbers have declined since the peak of 172 in 1993-94, and have remained low (31 to 70 birds) in the last five years. The whole population is estimated at 7100 to 9600 and 1% threshold value is set at 85 (Wetlands International 2002).

**[Black-headed Gull**      *Larus ridibundus*

The peak winter count of 12,601 in January is slightly lower than figures obtained in the last two winters, but similar to the five-year mean (12271). The population of this species is estimated to lie in a large range of 100,000 to over 1,000,000 individuals, and no 1% threshold value has been set to this scale of population due to uncertainty (Wetlands International 2002).]

*Other notable counts*

**Falcated Duck**      *Anas falcata*

The peak winter count of five birds recorded in January is the first record since winter 2000-01. The status of this species is increasingly attracting concern since its near disappearance in Hong Kong was first noted. This species may be suffering a population decline as numbers are decreased in Japan, South Korea and Taiwan, while its status is largely unknown in mainland China (Simba Chan *in litt.*).

*Other observations*

**Mudskipper collectors**

Illegal mudskipper collectors continued to be seen operating on the mudflats on the Hong Kong side of Deep Bay in March. Their presence causes significant disturbance of both foraging and roosting waterbirds.

**Other disturbance**

The number of waterbirds in Futian (Deep Bay A) has increased in the last few years. Staffs at Futian National Reserve prohibit fishermen or mudskipper collectors from entering the intertidal mudflat and mangrove area. Fishing nets were removed in the area as well. Such enforcement is welcome.

**Conclusion**

The total number of waterbirds in winter 2002-03 was 63,198. This number has stabilised in the range of 57,000 to 64,000 since 1997-98, after a peak of 77,227 in winter 1995-96. This winter's number is also higher than the previous two winters and

this is an encouraging development. On the other hand, counting conditions have become difficult because the rise of mudflat level as a result of sedimentation results in flood tides that are increasingly unable to push waterbirds close to Mai Po Boardwalk hide for counting. Some ducks and waders species (e.g. Northern Pintail, Northern Shoveler, Kentish Plover and Dunlin) were not counted at all on the scheduled January count date.

In contrast to the slight increase in the total number of waterbirds, species like Common Shelduck, Eurasian Coot and Saunders's Gull exhibit a decreasing trend that may be a cause for concern. The re-appearance of Falcated Duck is welcome, but it is still far fewer than previous wintering numbers in Deep Bay.

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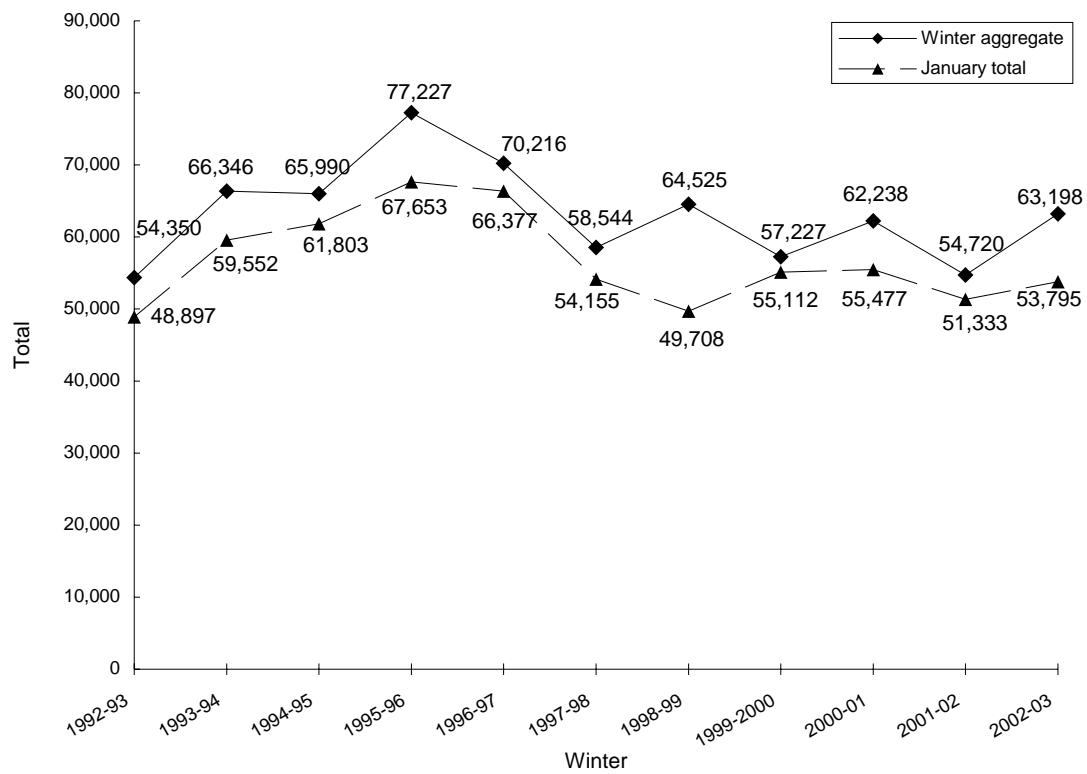
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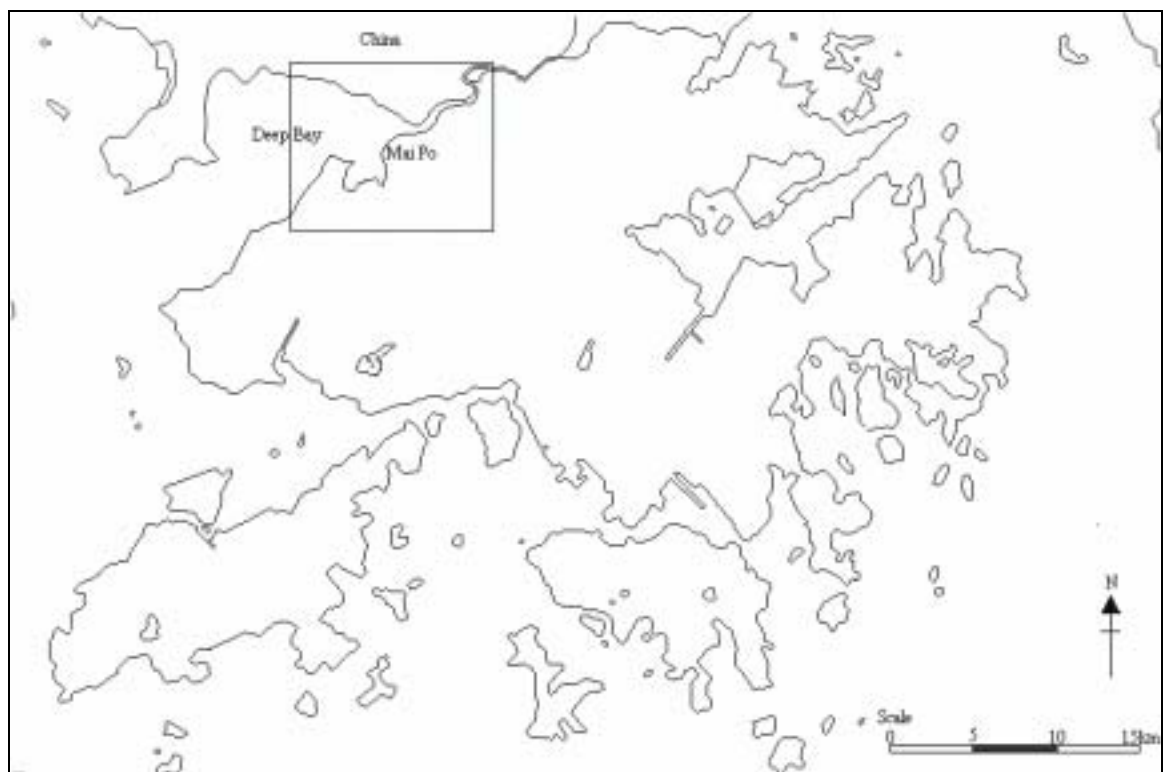
**Yu, Y.T. 2003.** The International Black-faced Spoonbill Census, 24-26 January 2003. Hong Kong Bird Watching Society Limited. Hong Kong.

Figure 1. January waterbird count totals and aggregate of peak species counts December to February 1992-93 to 2002-03

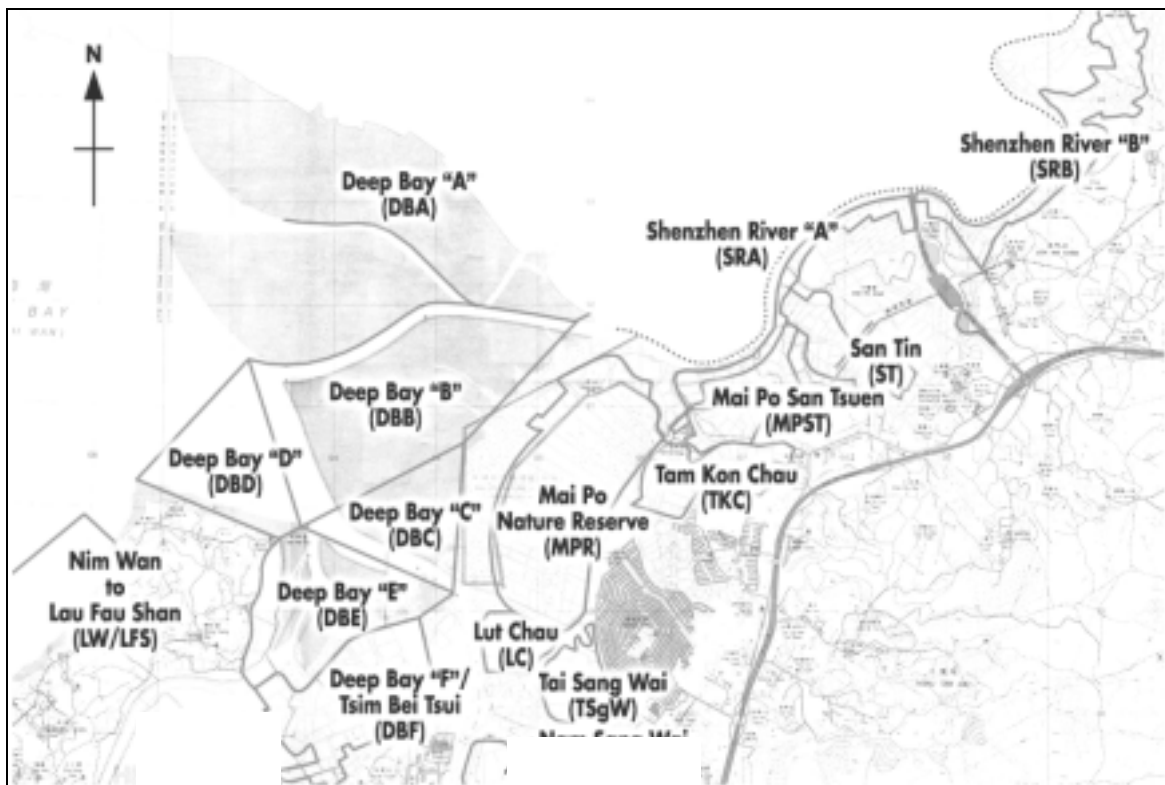




Map 1. Map of Hong Kong showing location of the Mai Po Inner Deep Bay Ramsar Site



Map 2. Locations of count sites of the Waterbird Monitoring Programme



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# **Waterbird Monitoring Programme at the Mai Po Inner Deep Bay Ramsar Site**

## **Winter 2002-2003 Report**

### ***APPENDICES***



The Hong Kong Bird Watching Society Limited



Agriculture, Fisheries and Conservation Department

Counts of waterbird in October 2002

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	9	10	2					33		8	0	0	10	0	21	46	0	67	93		
Great Crested Grebe															0			0	0		
Great Cormorant	42	26	114					7		0	3	22	33	37	349	68	0	417	633		26
Dalmatian Pelican															0			0	0		
Grey Heron	34	73	199		8	2	43	60	1	13	6	5	5	36	206	43	89	338	691	8	57
Purple Heron		1													3			3	4		
Great Egret	6	61	431	31	6	15	62	91		0	0	7	11	11	111	35	181	327	843	47	312
Intermediate Egret	0	0						0		0	0	0	0	0	14	0	0	14	14	5	2
Little Egret	13	96	388		12	29	70	197	14	1	5	18	14	16	205	197	130	532	1078	42	114
Pacific Reef Egret															0			0	0		
Cattle Egret	6	1						11		22	0	15	1	7	8	35	0	43	71		5
Chinese Pond Heron	15	51	116		1	1	2	9	3	48	3	24	12	22	34	82	6	122	341	8	14
Striated Heron	0	0						0		2	0	0	0	0	2	2	0	4	4	1	
B-c Night Heron	1	8	48					1		2	0	2	16	1	5	19	0	24	84	2	9
Yellow Bittern	2	1	1					0		0	0	0	0	0	0	0	0	0	4		
Cinnamon Bittern															0			0	0		
Great Bittern															0			0	0		
Unidentified ardeids													4		0	4		4	4		
Black Stork															0			0	0		
Black-headed Ibis															0			0	0		
Eurasian Spoonbill															0			0	0		
Black-faced Spoonbill															1			1	1		
Common Shelduck															0			0	0		
Eurasian Wigeon	0	0	8					0		0	0	0	0	0	137	0	0	137	145		
Falcated Duck															0			0	0		
Gadwall															0			0	0		
Baikal Teal															0			0	0		
Common Teal	10	0		41	16		22	0		0	0	1	0	0	113	2	79	194	203		
Mallard															0			0	0		
Spot-billed Duck															0			0	0		
Chinese Spotbill															5			5	5		
Burmese Spotbill															0			0	0		
Northern Pintail				100											139		100	239	239		
Garganey							4								63		4	67	67		
Northern Shoveler				450											11		450	461	461		
Common Pochard															0			0	0		
Baer's Pochard															0			0	0		
Tufted Duck															0			0	0		
Greater Scaup															0			0	0		
Red-breasted Merganser															0			0	0		
Duck sp.															1234			1234	1234		
Slaty-breasted Rail															0			0	0		
Water Rail															0			0	0		
Ruddy-breasted Crane										1					0			0	1		
White-breasted Waterhen	2	6	3					5	1	3	0	2	0	1	2	10	0	12	25		5
Watercock															0			0	0		
Common Moorhen	7	9	1					16		5	0	0	0	2	29	14	0	43	69		1
Eurasian Coot													2		0	2		2	2		
Pheasant-tailed Jacana	2														0			0	2		

Counts of waterbird in October 2002

Appendix 1

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Black-winged Stilt	18		4					3		1				1	173	3		176	200		
Pied Avocet															67			67	67		
Oriental Pratincole															0			0	0		
Northern Lapwing															0			0	0		
Grey-headed Lapwing															0			0	0		
Pacific Golden Plover															28			28	28		
Grey Plover															34			34	34		
Common Ringed Plover															0			0	0		
Little Ringed Plover	0	6	12					23		1	0	17	33	5	4	74	0	78	101		
Kentish Plover	5														0			0	5		
Lesser Sand Plover															0			0	0		
Greater Sand Plover															0			0	0		20
Black-tailed Godwit															385			385	385		
Bar-tailed Godwit															0			0	0		
Whimbrel															0			0	0		
Eurasian Curlew			1												50			50	51		
Far Eastern Curlew															0			0	0		
Spotted Redshank															12			12	12		
Common Redshank	3														48			48	51		
Marsh Sandpiper								14							633		14	647	647		
Common Greenshank	2							5							344		5	349	351	2	
Nordmann's Greenshank															0			0	0		
Green Sandpiper	5	7						1	4	4	0	5	3	2	6	15	1	22	37		
Wood Sandpiper	11	0						6		11	1	1	0	0	18	15	0	33	48		
Terek Sandpiper															0			0	0		
Common Sandpiper	5	14	4					20		12	7	8	6	11	11	50	0	61	98		1
Grey-tailed Tattler								5							0	5		5	5		
Ruddy Turnstone															0			0	0		
Red-necked Phalarope															0			0	0		
Pintail Snipe															0			0	0		
Swinhoe's Snipe															0			0	0		
Common Snipe											2				3	2		5	5		
Long-billed Dowitcher															0			0	0		
Asian Dowitcher															0			0	0		
Red Knot															0			0	0		
Great Knot															3			3	3		
Sanderling															0			0	0		
Red-necked Stint															0			0	0		
Temminck's Stint															0			0	0		
Long-toed Stint															0			0	0		
Sharp-tailed Sandpiper															1			1	1		
Dunlin															0			0	0		
Curlew Sandpiper															1			1	1		
Spoon-billed Sandpiper															0			0	0		
Broad-billed Sandpiper															0			0	0		
Ruff															1			1	1		
Wader sp.															0			0	0		
Black-tailed Gull															0			0	0		
Heuglin's Gull															0			0	0		



Counts of waterbird in November 2002

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	7	15	5					27		10	0	7	7	5	24	38	0	62	107	1	5
Great Crested Grebe															0			0	0		
Great Cormorant	224	265	2385				21	155		0	6	13	86	53	3326	162	114	3602	6534	1	181
Dalmatian Pelican															0			0	0		
Grey Heron	155	51	140	1	36	1	122	98		15	10	8	4	56	390	46	222	658	1087	19	94
Purple Heron															0			0	0		
Great Egret	23	13	464	1	85	3	124	159		29	4	4	3	31	108	59	296	463	1051	28	286
Intermediate Egret	2	0						1		7	1	0	0	0	7	9	0	16	18		1
Little Egret	4	21	433	16	61	10	127	558	31	137	6	23	1	148	69	583	245	897	1645	7	151
Pacific Reef Egret															0			0	0		
Cattle Egret	0	0					3	47		0	1	0	0	1	0	40	9	49	52		13
Chinese Pond Heron	12	31	114				7	34		29	2	13	4	23	15	48	26	89	284	8	7
Striated Heron	0	0						0		0	0	0	0	0	0	0	0	0	0		
B-c Night Heron	0	18						0		0	0	0	0	0	56	0	0	56	74	3	1
Yellow Bittern	2	0						0		0	0	0	0	0	0	0	0	0	2		
Cinnamon Bittern															0			0	0		
Great Bittern							1								0		1	1	1		
Black Stork															0			0	0		
Black-headed Ibis															0			0	0		
Eurasian Spoonbill															2			2	2		
Black-faced Spoonbill			17	1	53		27			29				14	55		81	136	196		
Common Shelduck				6											0		6	6	6		
Eurasian Wigeon	109	0	483	50	20	2	76	8		1	0	1	0	32	1685	1	156	1842	2467		
Falcated Duck															0			0	0		
Gadwall															0			0	0		
Baikal Teal															0			0	0		
Common Teal	0	0	42	5			102	4		26	0	0	0	11	946	0	107	1053	1136		11
Mallard															0			0	0		
Spot-billed Duck															0			0	0		
Chinese Spotbill	5														32			32	37		
Burmese Spotbill															0			0	0		
Northern Pintail	18		424	370	110		31								599		511	1110	1552		
Garganey				1											26		1	27	27		
Northern Shoveler	62		718	1706	40		17	12							21		1763	1784	2576		
Common Pochard															0		0	0	0		
Baer's Pochard															0		0	0	0		
Tufted Duck			242			17		1							0		18	18	260		
Greater Scaup															0			0	0		
Red-breasted Merganser															0			0	0		
Duck sp.			1025		2200										0		2200	2200	3225		
Slaty-breasted Rail															1			1	1		
Water Rail															0			0	0		
White-breasted Waterhen	1	1	2					1	1	1	1	2	1	0	1	5	0	6	12		
Watercock															0			0	0		
Common Moorhen	2	13	5					4		4	0	0	4	0	37	9	0	46	69		4
Eurasian Coot															15			15	15		
Pheasant-tailed Jacana															0			0	0		
Black-winged Stilt			3												1			1	4		
Pied Avocet				2143				4		8					1		2147	2148	2156		1

Counts of waterbird in November 2002

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Oriental Pratincole															0			0	0		
Northern Lapwing															0			0	0		
Grey-headed Lapwing								1							0	1		1	1		
Pacific Golden Plover				186											0		186	186	186		
Grey Plover				150											0		150	150	150		4
Common Ringed Plover															0			0	0		
Little Ringed Plover	1	4	3					7		20	0	21	0	0	0	40	0	40	56		
Kentish Plover				378											0		378	378	378	5	2
Lesser Sand Plover															0			0	0		
Greater Sand Plover															0			0	0		
Black-tailed Godwit				440											0		440	440	440		
Bar-tailed Godwit				1											0		1	1	1		
Whimbrel				1											0		1	1	1		
Eurasian Curlew				126					2						0		126	126	128		1
Far Eastern Curlew															0			0	0		
Spotted Redshank				478			42			75					6		520	526	601		
Common Redshank			3	56			4								0		60	60	63		
Marsh Sandpiper				1430			36			1					0		1466	1466	1467		
Common Greenshank			63	455			2			15					13		457	470	548		1
Nordmann's Greenshank															0			0	0		
Green Sandpiper	0	8						1		10	3	4	3	3	2	17	0	19	34		1
Wood Sandpiper	0	1	89					0		10	1	0	0	0	5	2	0	7	106		
Terek Sandpiper															0			0	0		
Common Sandpiper	0	6	4			8		18		13	19	12	4	7	1	61	8	70	92	1	1
Grey-tailed Tattler															0			0	0		
Ruddy Turnstone															0			0	0		
Red-necked Phalarope															0			0	0		
Pintail Snipe															0			0	0		
Swinhoe's Snipe															0			0	0		
Common Snipe		1													0			0	1		
Long-billed Dowitcher															0			0	0		
Asian Dowitcher															0			0	0		
Red Knot															0			0	0		
Great Knot				7											0		7	7	7		
Sanderling															0			0	0		
Red-necked Stint				8											0		8	8	8		
Temminck's Stint															0			0	0		
Long-toed Stint											1				0			0	1		
Sharp-tailed Sandpiper															0			0	0		
Dunlin				1430											0		1430	1430	1430		
Curlew Sandpiper															0			0	0		
Spoon-billed Sandpiper															0			0	0		
Broad-billed Sandpiper															0			0	0		
Ruff															0			0	0		
Wader sp.															0			0	0		34
Black-tailed Gull															0			0	0		
Heuglin's Gull				8											0		8	8	8		
Yellow-legged Gull															0			0	0		
Slaty-backed Gull															0			0	0		





Counts of waterbird in December 2002

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	48	13	10					26		13	1	9	6	1	28	38	1	67	155		
Great Crested Grebe			12						107						44			44	163		
Great Cormorant	32	337	291				70	25		68	3	29	60	48	4804	146	71	5021	5767	3	
Dalmatian Pelican															0			0	0		
Grey Heron	15	44	243	6		1	180	45	17	13	9	14	3	16	231	55	197	483	837	17	
Purple Heron															5			5	5		
Great Egret	5	16	346	221	60	4	153	15	25	17	1	16	3	13	262	32	442	736	1157	23	
Intermediate Egret	0	0						0		0	0	0	0	0	1	0	0	1	1		
Little Egret	79	129	498	174	120	8	236	76	118	7	6	35	17	13	137	167	542	846	1653	18	
Pacific Reef Egret															0			0	0		
Cattle Egret	6	0						5		46	20	9	28	0	4	107	0	111	118		
Chinese Pond Heron	12	19	72	6		3	1	11	14	35	3	9	2	16	23	40	13	76	226	6	
Striated Heron	0	0						0		0	0	0	0	0	0	0	0	0	0	1	
B-c Night Heron	0	14	5					1		0	0	0	1	0	51	2	0	53	72	3	
Yellow Bittern	0	0						0		0	0	0	0	0	0	0	0	0	0		
Cinnamon Bittern															0			0	0	1	
Great Bittern															0			0	0		
Unidentified Ardeids													103		0	103		103	103		
Black Stork															0			0	0		
Black-headed Ibis															0			0	0		
Eurasian Spoonbill															0			0	0		
Black-faced Spoonbill			25				55		2				3		149			149	234		
Common Shelduck				9											0		9	9	9		
Eurasian Wigeon	180	51	345		20			43		115	0	0	0	0	586	64	50	700	1340		
Falcated Duck	2														0			0	2		
Gadwall															0			0	0		
Baikal Teal															0			0	0		
Common Teal	16	79	38				140	33		23	0	0	7	0	915	3	172	1090	1251		
Mallard															0			0	0		
Spot-billed Duck														2	2			2	4		
Chinese Spotbill	6														35			35	41		
Burmese Spotbill															0			0	0		
Northern Pintail	30	14	620		20		673	20		45					787	2	20	809	2209		
Garganey										3					34			34	37		
Northern Shoveler	21	1	1763		80		20	10		7					34		10	44	1936		
Common Pochard															0			0	0		
Baer's Pochard										2					2			2	2		
Tufted Duck	25								1040	7					84			84	1156		
Greater Scaup										0					0			0	0		
Red-breasted Merganser										0					0			0	0		
Duck sp.	80		3210	3232											0		3232	3232	6522		
Slaty-breasted Rail				1											0		1	1	1		
Water Rail															0			0	0		
White-breasted Waterhen	0	0	1					2	1	2	0	0	0	0	2	3	0	5	8		
Watercock															0			0	0		
Common Moorhen	14	43	8	4		1		23		40	0	0	3	0	20	55	5	80	156	2	
Eurasian Coot	3	6										1			44			44	54		
Pheasant-tailed Jacana															0			0	0		
Black-winged Stilt	4	2													0			0	6		

Counts of waterbird in December 2002

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Pied Avocet	1		629	1240	190		18			1					0		1448	1448	2079		
Oriental Pratincole															0			0	0		
Northern Lapwing															0			0	0		
Grey-headed Lapwing								1							0		1	1	1		
Pacific Golden Plover				230											0		230	230	230		
Grey Plover				134	30										0		164	164	164		
Common Ringed Plover															0			0	0		
Little Ringed Plover	0	7					20	31	10	26	0	0	0	4	0	27	22	49	98		
Kentish Plover															0			0	0		
Lesser Sand Plover															0			0	0		
Greater Sand Plover															0			0	0		
Black-tailed Godwit				150											0		150	150	150		
Bar-tailed Godwit															0			0	0		
Whimbrel															0			0	0		
Eurasian Curlew				260	60		110		3						0		430	430	433		
Far Eastern Curlew															0			0	0		
Spotted Redshank			4												0			0	4		
Common Redshank			105												0			0	105		
Marsh Sandpiper										3			1		0	2		2	4		
Common Greenshank			23					3	5						0	1	2	3	31		
Nordmann's Greenshank															0			0	0		
Green Sandpiper	3	4				1		1		10	2	1	8	2	0	17	1	18	32		
Wood Sandpiper	4	0					1	4		3	1	0	0	0	0	3	5	8	13		
Terek Sandpiper															0			0	0		
Common Sandpiper	2	3	1			1		16	3	16	13	8	14	3	2	53	3	58	82	1	
Grey-tailed Tattler															0			0	0		
Ruddy Turnstone															0			0	0		
Red-necked Phalarope															0			0	0		
Pintail Snipe															0			0	0		
Swinhoe's Snipe															0			0	0		
Common Snipe								4		4			5	1	0	5	1	6	14		
Long-billed Dowitcher															0			0	0		
Asian Dowitcher															0			0	0		
Red Knot															0			0	0		
Great Knot															0			0	0		
Sanderling															0			0	0		
Red-necked Stint															0			0	0		
Temminck's Stint								14							0	2		2	14		
Long-toed Stint															0			0	0		
Sharp-tailed Sandpiper															0			0	0		
Dunlin															0			0	0		
Curlew Sandpiper															0			0	0		
Spoon-billed Sandpiper															0			0	0		
Broad-billed Sandpiper															0			0	0		
Ruff															0			0	0		
Wader sp.				674	180										0		854	854	854		
Black-tailed Gull															0			0	0		
Heuglin's Gull				65			3								0		68	68	68		
Yellow-legged Gull				1											0		1	1	1		



Counts of waterbird in January 2003

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	41	17	6					33		4	4	0	5	0	44	31	0	75	154		8
Great Crested Grebe			1												0			0	1		
Great Cormorant												1979			5980			5980	7959	6	82
Dalmatian Pelican				14											0			0	14		
Grey Heron	103	44	74	3	1	18	80	38	10	3	0	5	9	27	515	50	102	667	930	25	84
Purple Heron											1				6			6	7		
Great Egret	28	42	527	200	32	55	41	129	41	3	0	2	1	63	257	126	334	717	1421	57	169
Intermediate Egret	4	1						0		0	0	0	0	4	1	0	0	1	10		1
Little Egret	43	87	297	220	23	23	74	297	147	58	3	11	18	23	296	354	347	997	1620	21	84
Pacific Reef Egret															0			0	0		
Cattle Egret	1	8						17		0	0	2	2	4	0	18	0	18	34		11
Chinese Pond Heron	9	35	86	21		3	10	12	40	22	1	0	13	37	18	43	34	95	307	9	8
Striated Heron	0	0						0		0	0	0	0	0	0	0	0	0	0	1	
B-c Night Heron	0	1	22					0		0	0	0	3	0	115	3	0	118	141	4	1
Yellow Bittern	0	0						0		0	0	0	0	0	0	0	0	0	0		
Cinnamon Bittern															0			0	0		
Great Bittern															0			0	0		
Black Stork															0			0	0		
Black-headed Ibis															0			0	0		
Eurasian Spoonbill															2			2	2		
Black-faced Spoonbill			3					12	8						207			207	230		
Common Shelduck				192											0		192	192	192		
Eurasian Wigeon	85	15	952		0	676	1150	35	10	23	0	0	0	0	1134	0	1852	2986	4080		
Falcated Duck	5														0			0	5		
Gadwall															0			0	0		
Baikal Teal															0			0	0		
Common Teal	4	108	181		54		658	30		5	0	0	21	0	2765	2	742	3509	3826		16
Mallard															1			1	1		
Spot-billed Duck										6					0	6		6	6		
Chinese Spotbill															18			18	18		
Burmese Spotbill															0			0	0		
Northern Pintail	19	5	1836			2341	85								95		2426	2521	4381		
Garganey	2	1													13		0	13	16		
Northern Shoveler	4		1136		6	4	168								10		178	188	1328		
Common Pochard															0		0	0	0		
Baer's Pochard															0		0	0	0		
Tufted Duck			270			93				10					66		93	159	439		
Greater Scaup						17									0		17	17	17		
Red-breasted Merganser															0		0	0	0		
Duck sp.			4200				225								1300		225	1525	5725		
Slaty-breasted Rail				3											0		3	3	3		
Water Rail															0			0	0		
White-breasted Waterhen	2	1	2				2	5		2	2	0	0	3	0	6	2	8	19	4	1
Watercock															0			0	0		
Common Moorhen	9	14	18	4		1	10	41	1	20	0	0	4	2	25	49	15	89	149		1
Eurasian Coot	3	2													37			37	42		
Pheasant-tailed Jacana															0			0	0		
Black-winged Stilt			1							1				3	0	1		1	5		
Pied Avocet			191	1800		524	470								0		2794	2794	2985		

Counts of waterbird in January 2003

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Oriental Pratincole															0		0	0	0		
Northern Lapwing															0		0	0	0		
Grey-headed Lapwing															0		0	0	0		
Pacific Golden Plover				171											0		171	171	171		
Grey Plover				295											0		295	295	295		
Common Ringed Plover															0		0	0	0		
Little Ringed Plover	12	9	58					37	6	60	0	1	0	8	0	81	0	81	191	4	4
Kentish Plover				9						11					0	11	9	20	20	11	
Lesser Sand Plover								1							0		0	0	1		
Greater Sand Plover															0		0	0	0		
Black-tailed Godwit#				337											0		337	337	337		
Bar-tailed Godwit															0		0	0	0		
Whimbrel															0		0	0	0		
Eurasian Curlew				794	90	10	65		10						7		959	966	976	15	15
Far Eastern Curlew															0		0	0	0		
Spotted Redshank								3							0		3	3	3		
Common Redshank			1	20		13	1								0		34	34	35		
Marsh Sandpiper				890		6	232			2					0	2	1128	1130	1130		
Common Greenshank						42	3		2	6					6	6	45	57	59		
Nordmann's Greenshank															0		0	0	0		
Green Sandpiper	6	16						9		3	1	1	3	5	0	13	0	13	44	2	3
Wood Sandpiper	7	0	25					8		5	0	0	0	8	0	5	1	6	53		
Terek Sandpiper															0			0	0		
Common Sandpiper	8	11	2			1	4	20	3	10	6	0	12	8	2	43	5	50	87	3	1
Grey-tailed Tattler															0			0	0		
Ruddy Turnstone															0			0	0		
Red-necked Phalarope															0			0	0		
Pintail Snipe															0			0	0		1
Swinhoe's Snipe															0			0	0		
Common Snipe		1						1		1					1			1	4		
Long-billed Dowitcher				1											0		1	1	1		
Asian Dowitcher															0			0	0		
Red Knot															0			0	0		
Great Knot				2											0		2	2	2		
Sanderling															0			0	0		
Red-necked Stint															0			0	0		
Temminck's Stint								12		12					0	14	0	14	24		
Long-toed Stint															0			0	0		
Sharp-tailed Sandpiper															0			0	0		
Dunlin				11											0		11	11	11		
Curlew Sandpiper															0			0	0		
Spoon-billed Sandpiper															0			0	0		
Broad-billed Sandpiper															0			0	0		
Ruff															0			0	0		
Wader sp.				1093											0		1093	1093	1093		
Black-tailed Gull				6											0		6	6	6		
Heuglin's Gull			1	467			75								0		542	542	543		
Yellow-legged Gull				2											0		2	2	2		
Slaty-backed Gull				2											0		2	2	2		



Counts of waterbird in February 2003

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	39	35	6					22		6	2	6	8	0	40	32	4	76	164		
Great Crested Grebe			1	9											0			0	10		
Great Cormorant	45	601	95		0	84	1	66		85	5	25	24	72	2150	140	85	2375	3253	2	
Dalmatian Pelican				14											0			0	14		
Grey Heron	136	17	74	3	0	11	227	68		23	12	8	5	15	324	75	249	648	923	26	
Purple Heron															3			3	3		
Great Egret	60	56	527	63	15	7	46	72		24	2	0	11	3	220	51	165	436	1106	36	
Intermediate Egret	5	0		1				1		0	0	0	0	3	4	1	1	6	14	1	
Little Egret	29	65	297	229	84	21	157	264		115	8	19	86	15	217	275	570	1062	1606	22	
Pacific Reef Egret															0			0	0		
Cattle Egret	0	1						77		0	0	0	9	57	0	85	1	86	144		
Chinese Pond Heron	12	13	86					3		25	2	4	3	20	11	21	0	32	179	8	
Striated Heron	0	0						0		0	0	0	0	0	0	0	0	0	0	1	
B-c Night Heron	0	0	22					0		0	0	0	0	0	63	0	0	63	85	3	
Yellow Bittern	0	0						0		0	0	0	0	0	0	0	0	0	0		
Cinnamon Bittern															0			0	0		
Great Bittern															0			0	0		
Black Stork															0			0	0		
Black-headed Ibis															0			0	0		
Eurasian Spoonbill															1			1	1		
Black-faced Spoonbill			3	5			47	42							96		52	148	193		
Common Shelduck															0			0	0		
Eurasian Wigeon	93	0	952	364	463	1260	186	39		4	0	0	0	0	603	0	2312	2915	3964		
Falcated Duck				1											0		1	1	1		
Gadwall															0			0	0		
Baikal Teal															0			0	0		
Common Teal	27	52	181	150	32	610	8	23		22	0	0	0	0	2169	0	823	2992	3274		
Mallard															0			0	0		
Spot-billed Duck															0			0	0		
Chinese Spotbill															17			17	17		
Burmese Spotbill															0			0	0		
Northern Pintail			1836	230	28	494	15								0		767	767	2603		
Garganey				3		4									105		7	112	112		
Northern Shoveler			1136	2450	352	172	117	18							26		3091	3117	4271		
Common Pochard															0		0	0	0		
Baer's Pochard															0		0	0	0		
Tufted Duck	3		270			635									0		635	635	908		
Greater Scaup						2									0		2	2	2		
Red-breasted Merganser															0		0	0	0		
Duck sp.	1		4200												0			0	4201		
Slaty-breasted Rail				1											0			0	1		
Water Rail															0			0	0		
White-breasted Waterhen	3	1	2	3		1	5	1		2	0	0	0	3	1	1	9	11	22	1	
Watercock															0			0	0		
Common Moorhen	17	16	18					13		17	0	2	2	5	1	27	0	28	91		
Eurasian Coot	3					10		1							22			22	36		
Pheasant-tailed Jacana															0			0	0		
Black-winged Stilt	1		1												0			0	2		
Pied Avocet			191	4970	599		104								0		5673	5673	5864		



Counts of waterbird in February 2003

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Oriental Pratincole															0			0	0		
Northern Lapwing															0			0	0		
Grey-headed Lapwing															0			0	0		
Pacific Golden Plover															0			0	0		
Grey Plover				47											0		47	47	47		
Common Ringed Plover															0			0	0		
Little Ringed Plover	12	4	58					5		0	11	2	1	11	2	16	0	18	106		
Kentish Plover															0			0	0		
Lesser Sand Plover															0			0	0		
Greater Sand Plover															0			0	0		
Black-tailed Godwit				340											0		340	340	340		
Bar-tailed Godwit															0		0	0	0		
Whimbrel															0		0	0	0		
Eurasian Curlew				1010											4		1010	1014	1014	13	
Far Eastern Curlew															0		0	0	0		
Spotted Redshank				450											0		450	450	450		
Common Redshank			1	1											0		1	1	2		
Marsh Sandpiper				1760											0		1760	1760	1760		
Common Greenshank				10			38								19		48	67	67		
Nordmann's Greenshank				1											0		1	1	1		
Green Sandpiper	4	4						6		3	3	5	1	7	0	15	0	15	33		
Wood Sandpiper	17	1	25					12		0	0	2	0	7	0	6	0	6	64		
Terek Sandpiper															0			0	0		
Common Sandpiper	3	9	2			1		6		11	16	10	6	4	0	43	1	44	68	2	
Grey-tailed Tattler															0			0	0		
Ruddy Turnstone															0			0	0		
Red-necked Phalarope															0			0	0		
Pintail Snipe															0			0	0		
Swinhoe's Snipe															0			0	0		
Common Snipe		1													0			0	1		
Long-billed Dowitcher															0			0	0		
Asian Dowitcher															0			0	0		
Red Knot															0			0	0		
Great Knot				2											0		2	2	2		
Sanderling															0			0	0		
Red-necked Stint															0			0	0		
Temminck's Stint								27							0			0	27		
Long-toed Stint															0			0	0		
Sharp-tailed Sandpiper															0			0	0		
Dunlin															0			0	0		
Curlew Sandpiper															0			0	0		
Spoon-billed Sandpiper															0			0	0		
Broad-billed Sandpiper															0			0	0		
Ruff				1											0		1	1	1		
Wader sp.															0			0	0		
Black-tailed Gull				70											0		70	70	70		
Heuglin's Gull			1			185									0		185	185	186		
Yellow-legged Gull							2								0		2	2	2		
Slaty-backed Gull															0		0	0	0		



Counts of waterbird in March 2003

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	34	25	1					27		3	3	1	5	5	59	24	0	83	163		2
Great Crested Grebe			31							1					0	1		1	32		
Great Cormorant	33	415	343		42		3	1	7	11	5	15	42	20	1068	67	45	1180	2005	3	55
Dalmatian Pelican															0			0	0		
Grey Heron	43	16	71	12			107	7	4	0	1	2	18	0	274	23	120	417	555	12	26
Purple Heron															3			3	3		
Great Egret	0	57	118	51	21		38	40	19	0	2	3	11	25	51	45	115	211	436	17	158
Intermediate Egret	1	0		1				0		0	0	0	0	0	16	0	1	17	18		3
Little Egret	35	134	127	86	65		100	110	61	45	18	22	37	10	146	204	273	623	996	21	81
Pacific Reef Egret															0			0	0		
Cattle Egret	0	0						23		0	0	1	59	4	1	82	0	83	88		2
Chinese Pond Heron	1	21	38	9				2	9	34	3	9	11	19	18	44	9	71	174	6	2
Striated Heron	0	0	18					0		0	0	0	0	0	0	0	0	0	18		
B-c Night Heron	0	2						0		0	0	0	0	0	30	0	0	30	32	3	78
Yellow Bittern	0	0						0		0	0	0	1	0	0	1	0	1	1		
Cinnamon Bittern															0			0	0		
Great Bittern															0			0	0		
Black Stork															0			0	0		
Black-headed Ibis															0			0	0		
Eurasian Spoonbill															3			3	3		
Black-faced Spoonbill							54	5							122			122	181		
Common Shelduck															0			0	0		
Eurasian Wigeon	57	0	200	26		142		500		1	0	0	0	0	12	1	668	681	938		
Falcated Duck															0			0	0		
Gadwall															0			0	0		
Baikal Teal															0			0	0		
Common Teal	0	3					8	810		0	0	0	0	0	14	0	818	832	835		4
Mallard															0			0	0		
Spot-billed Duck															0			0	0		
Chinese Spotbill															0			0	0		
Burmese Spotbill															0			0	0		
Northern Pintail						2									0		2	2	2		
Garganey															109			109	109		
Northern Shoveler			5	32		142									0		142	142	179		
Common Pochard															0			0	0		
Baer's Pochard															0			0	0		
Tufted Duck	1		80												1			1	82		
Greater Scaup															0			0	0		
Red-breasted Merganser															0			0	0		
Duck sp.															0			0	0		
Slaty-breasted Rail				1											0			0	1		1
Water Rail															0			0	0		
White-breasted Waterhen	4	11		1			2	5		1	3	2	3	1	7	12	3	22	40		3
Watercock															0			0	0		
Common Moorhen	20	6	1	2				19		8	7	0	8	1	31	28	3	62	103		6
Eurasian Coot															3			3	3		
Pheasant-tailed Jacana															0			0	0		
Black-winged Stilt	16		10												0			0	26		
Pied Avocet				3700											3			3	3703		

Counts of waterbird in March 2003

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Oriental Pratincole												3			3	3		6	6		
Northern Lapwing															0			0	0		
Grey-headed Lapwing															0			0	0		
Pacific Golden Plover				118											0			0	118		
Grey Plover				67											0			0	67		
Common Ringed Plover															0			0	0		
Little Ringed Plover	17	1	5					5		0	20	0	4	6	6	44	0	50	64	2	3
Kentish Plover				12											0			0	12		
Lesser Sand Plover															0			0	0		
Greater Sand Plover				11											0			0	11		
Black-tailed Godwit															116			116	116		
Bar-tailed Godwit															0			0	0		
Whimbrel															1			1	1		
Eurasian Curlew															268			268	268		
Far Eastern Curlew															1			1	1		
Spotted Redshank															941			941	941		
Common Redshank			107												134			134	241		
Marsh Sandpiper	1			1878											0			0	1879		
Common Greenshank			400												61			61	461		
Nordmann's Greenshank				1											0			0	1		
Green Sandpiper	5	7						1		15	3	2	2	5	2	13	0	15	42		3
Wood Sandpiper	15	1	1					12		0	0	2	22	5	1	25	0	26	59		
Terek Sandpiper															0			0	0		
Common Sandpiper	2	10	12	1				20		15	8	5	5	7	3	41	2	46	88	2	1
Grey-tailed Tattler															0			0	0		
Ruddy Turnstone															0			0	0		
Red-necked Phalarope															0			0	0		
Pintail Snipe															0			0	0		
Swinhoe's Snipe															0			0	0		
Common Snipe		2													0			0	2		
Long-billed Dowitcher															3			3	3		
Asian Dowitcher															0			0	0		
Red Knot															0			0	0		
Great Knot				34											0		34	34	34		
Sanderling				1											0		1	1	1		
Red-necked Stint				8											0		8	8	8		
Temminck's Stint															0			0	0		
Long-toed Stint															0			0	0		
Sharp-tailed Sandpiper															0			0	0		
Dunlin				8											0		8	8	8		
Curlew Sandpiper				8											0		8	8	8		
Spoon-billed Sandpiper															0			0	0		
Broad-billed Sandpiper															0			0	0		
Ruff															3			3	3		
Wader sp.															0			0	0		
Black-tailed Gull				3											1		3	4	4		
Mew Gull				1											0		1	1	1		
Heuglin's Gull				155											0		155	155	155		
Yellow-legged Gull				8											0		8	8	8		

