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**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme
2005 - 06**

**Monthly Waterbird Monitoring
Summer 2005 Report**



Submitted by
The Hong Kong Bird Watching Society Ltd.
Approved Charitable Institution of a Public Character
to Agriculture, Fisheries and Conservation Department,
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Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

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Report available for public information

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TABLE OF CONTENTS

REPORT

1. Introduction.....	6
2. Methodology	6
3. Results	6
3.1 Great Cormorant	8
3.2 Ardeids	8
3.3 Ducks, Grebes, Pelicans.....	9
3.4 Rails and Coots.....	10
3.5 Shorebirds	10
3.6 Gulls and Terns	11
3.7 Globally threatened species.....	12
4. Discussion.....	12
5. Acknowledgements.....	12
6. References.....	12

FIGURES

Figure 1. Comparison of waterbird numbers in summer in Deep Bay Area from 1998 to 2005.....	7
Figure 2. Comparison of waterbird numbers in summer in Ramsar Site From 1998 to 2005	7
Figure 3. Comparison of number of Ardeids in Deep Bay area in summer months (2000–2005)	9
Figure 4. Comparison of number of Ducks and Grebes in Deep Bay area in summer months (2000-2005).....	9
Figure 5. Comparison of number of Rail and Coots in Deep Bay area in summer months (2000-2005).....	10
Figure 6. Comparison of number of Shorebirds in Deep Bay area in summer months (2000-2005).....	11
Figure 7. Comparison of number of Gulls and Terns in Deep Bay area in summer months (2000-2005).....	11

Map

Map 1. Map of Hong Kong showing location of the Mai Po Inner Mai Po Deep Bay Ramsar Site	15
Map 2. Location of count sites of the Waterbird Monitoring Programme	16

TABLE

Table 1a. Numbers of waterbird in the whole Deep Bay area during summer months, 1998-2005.....18

Table 1b. Numbers of waterbird in the Ramsar Site during summer months, 1998-200518

Table 2. Summary of waterbird count for April 200518

Table 3. Summary of waterbird count for May 2005.....19

Table 4. Summary of waterbird count for June 2005.....19

Table 5. Summary of waterbird count for July 2005.....19

Table 6. Summary of waterbird count for August 2005.....20

Table 7. Summary of waterbird count for September 2005.....20

Table 8. Numbers of waterbird species groups in the whole Deep Bay area, summer 200520

APPENDICE

Appendix 1. Counts of waterbird in April 2005
Counts of waterbird in May 2005
Counts of waterbird in June 2005
Counts of waterbird in July 2005
Counts of waterbird in September 2005

Summer 2005 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Report



The Hong Kong Bird Watching Society Limited



Agriculture, Fisheries and Conservation Department

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

Monthly Waterbird Monitoring Summer 2005 Report

1. Introduction

Comprehensive counts of waterbirds in the Deep Bay area were first carried out as part of an annual waterbird census first undertaken by the Hong Kong Bird Watching Society (HKBWS) in 1979. These continued in January every winter (excluding 1980) until 1992-93 when they were expanded to cover the winter period from November to March. With the establishment of the Mai Po Inner Deep Bay Ramsar Site, a monthly waterbird monitoring programme was developed which were coordinated and carried out by the HKBWS under the subvention by the Agriculture, Fisheries and Conservation Department (AFCD) from March 1998 to March 2004. Starting from April 2004, the Waterbird Monitoring Programme was arranged under a service contracted funded by AFCD under the contract reference no. AFCD/SQ/81/04. Monthly counts of waterbirds in the site form a major part of this programme, the others being counts of shorebirds during the migration season, and egret surveys during the breeding season. Monthly summary reports are produced, while seasonal reports are produced bi-annually, i.e. Summer report cover the period from April to September, and the Winter report from October to March. This report concerns the summer period of 2005.

2. Methodology

The methodology used and the areas covered are described in detail in the *Waterbird Count Handbook* (Carey undated, Carey 2002, Map 1, Map 2). In general, it involves surveying specified areas and, where possible, recording birds to individual fishponds or *gei wai*. Other variables, such as the vegetation surrounding each pond, the height of exposed edge to the pond and the percentage of pond bottom exposed as a result of drain-down are also measured four times a year. Tidal areas of Inner Deep Bay were surveyed simultaneously to ensure as little double-counting as possible occurs. Counts occur on a rising tide, preferably one that comes to about 2.0 m. Higher counts of individual species one week either side of the count date are included if they are considered to be more accurate than that made on the count day.

3. Results

The summer 2005 waterbird counts were scheduled on 10th April, 8th May, 19th June, 24th July, 21st August and 18th September. The August count could not completed due

to a thunderstorm warning and unstable weather. Coverage was complete in April, June and September, while the Hong Kong Wetland Park and San Tin area were not surveyed in May and July respectively due to a thunderstorm warning and insufficient counters respectively. Numbers of waterbird counted in the whole Deep Bay area from April to July and September were 10,067, 8,455, 1,445, 4,179, and 6,695, of which the figures for May, July and September were new highs since summer counts started in 1998 (Figure 1). In Ramsar Site, the numbers of waterbirds recorded from April to September were 8,823, 7,482, 859, 2,748, and 4,920 and numbers in May, July and September were also the highest in this area since 1998 (Figure 2).

Figure 1. Comparison of waterbird numbers in summer in Deep Bay area from 1998 to 2005

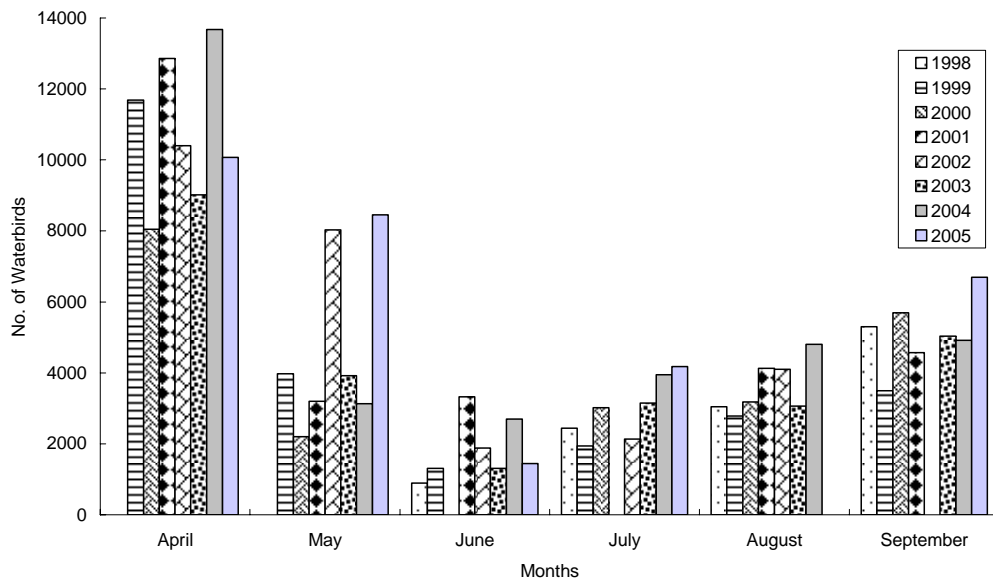
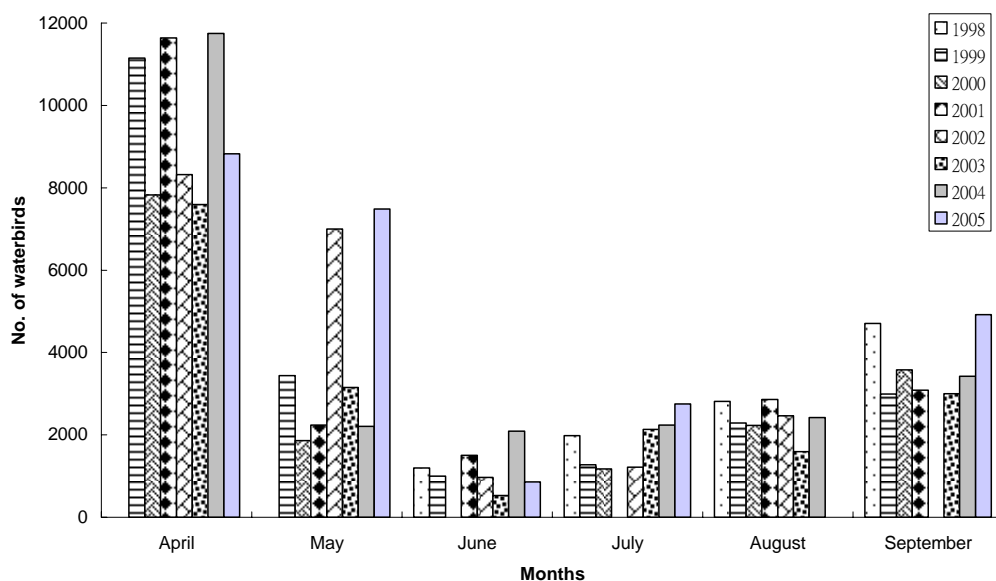


Figure 2. Comparison of waterbird numbers in summer in Ramsar Site from 1998 to 2005



All counts in summer months since 1998 are listed in Table 1a and 1b. Details of counts in summer 2005 were reported in the monthly summaries which are available

from the Waterbird Monitoring Programme website at:

<http://www.hkbws.org.hk/waterbird/>

Summaries of each count are presented in Table 2-7. Discussion below refers each waterbird species group.

3.1 Great Cormorant

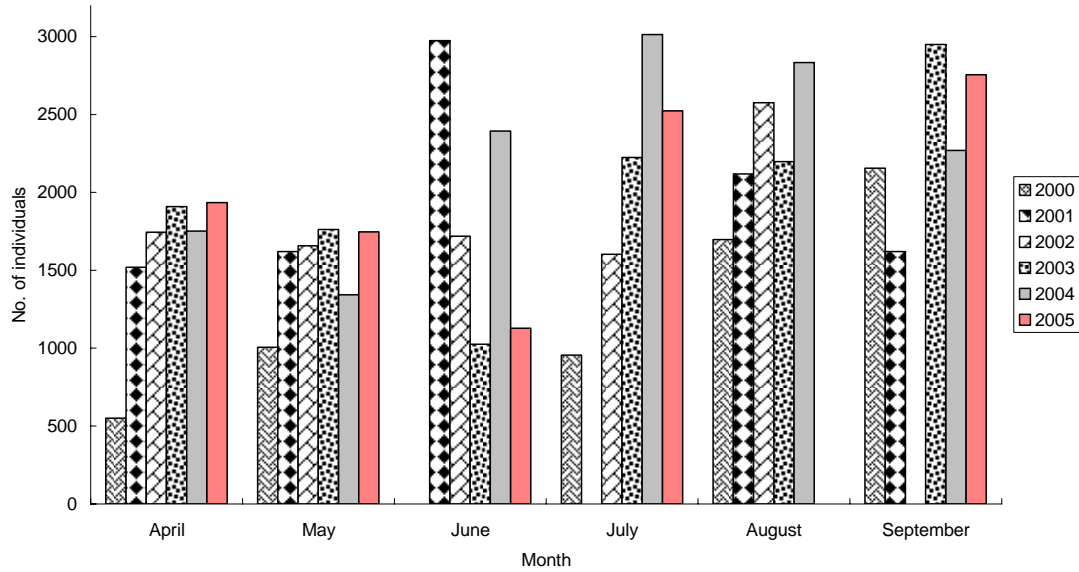
Great Cormorant is a common winter visitor in the Deep Bay area from October to early April with a few summer records (Carey *et al.* 2001). A total of 14 birds were still present in April, with two remaining in May and June; such late-stayers usually refer to sick or injured individuals (Carey *et al.* 2001). Finally four birds in the September count may refer to early arrivals (Table 8).

3.2 Ardeids

Figure 3 shows that more ardeids were present in the later months of the summer. A count of 2,523 individuals in July was the peak count of this group in summer 2005. Little Egret *Egretta garzetta* is the most common species and a peak count of 1,568 birds were counted in September. Great Egret *Egretta alba* is the second commonest, with 755 birds recorded in July. The species of local conservation concern, Chinese Pond Heron *Ardeola bacchus*, peaked at 246 individuals in July. Figure 3 shows numbers of this group in counts since 2000.

An egretty count was also undertaken in the summer to monitor ardeid breeding populations in Hong Kong. Further details can be found in the Egretty Report (Anon. 2005a) under this Waterbird Monitoring Programme, which is available for download from the programme website at <http://www.hkbws.org.hk/waterbird/>

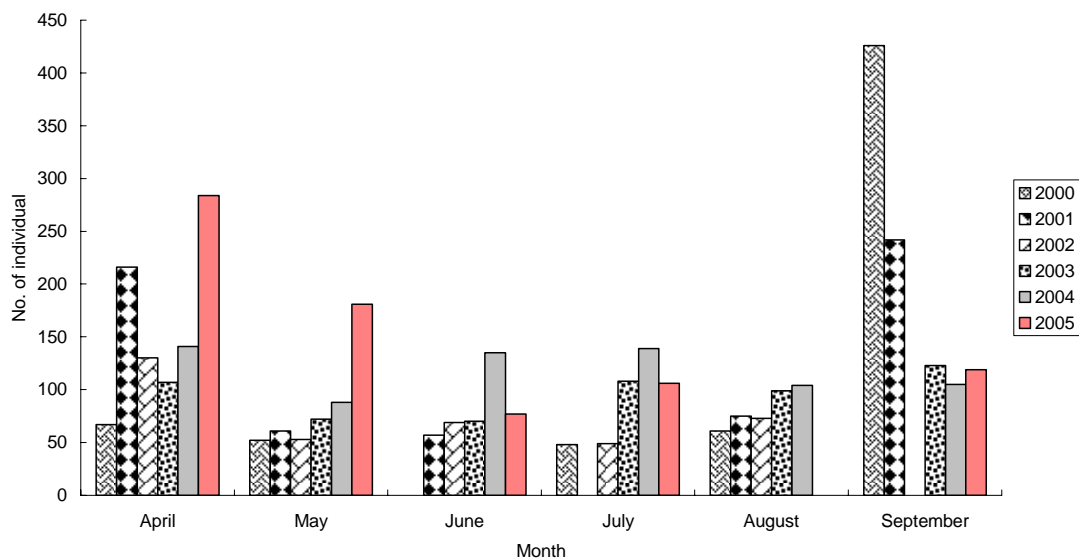
Figure 3. Comparison of number of Ardeids in Deep Bay area in summer months (2000-2005)



3.3 Ducks, Grebes, Pelicans

A peak count of this group was 284 individuals recorded in April, which included 208 Little Grebes (Table 8). No pelican was recorded in the summer months. Then numbers decreased in other months. As Little Grebe is a resident in Deep Bay area, the numbers of this group mostly comprise this species over the summer, except only a few Spot-billed Ducks *Anas poecilorhyncha* and an early arrival of wintering Northern Shoveler *Anas clypeata* in September. Figure 4 illustrates numbers of this group in counts since 2000.

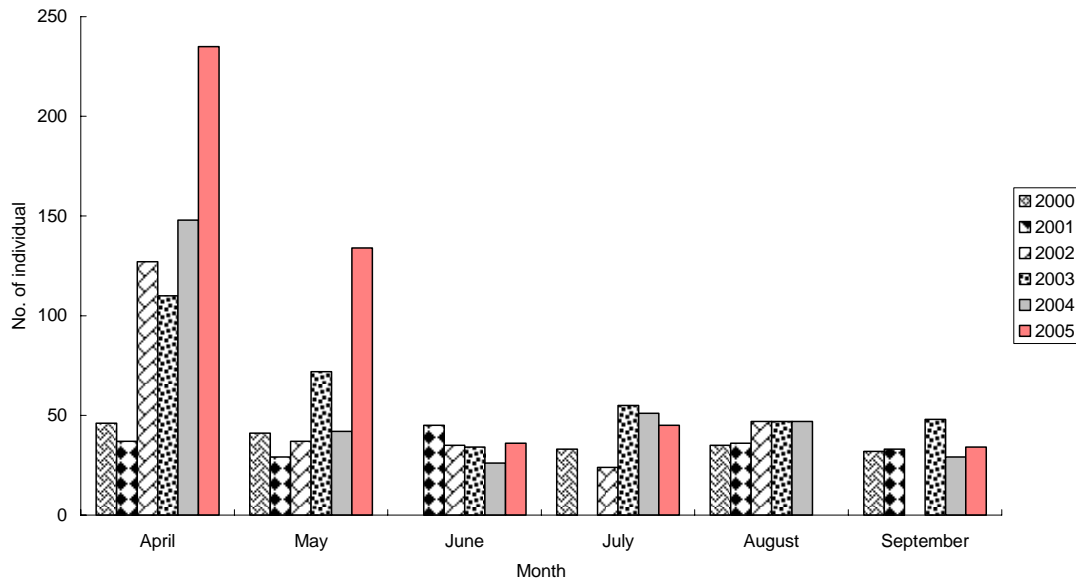
Figure 4. Comparison of number of Ducks and Grebes in Deep Bay area in summer months (2000-2005)



3.4 Rails and Coots

The peak count of this group was 235 individuals in April, which included 181 Common Moorhens *Gallinula chloropus*. This is apparently a new high of this species in Hong Kong. Numbers decreased to their lowest in mid-summer. During the summer months, only Common Moorhen and White-breasted Waterhen *Amaurornis phoenicurus* were recorded, in addition to a single Watercock *Gallicrex cinerea* in the September count. Figure 5 illustrates numbers of this group in counts since 2000.

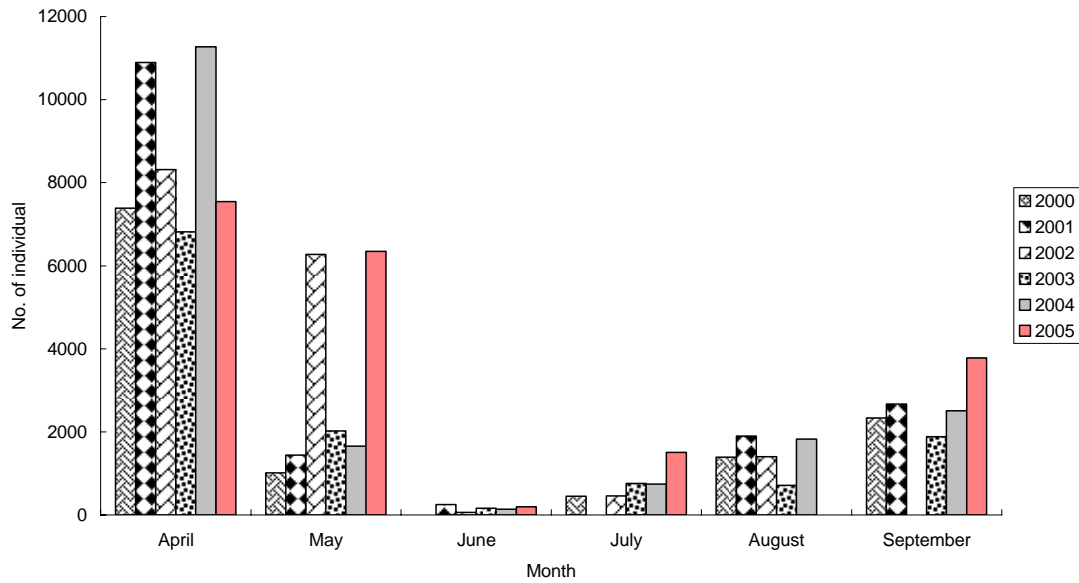
Figure 5. Comparison of number of Rail and Coots in Deep Bay area in summer months (2000-2005)



3.5 Shorebirds

The peak number of this group was 7,546 individuals in April, dropping to only 197 individuals in June when shorebird numbers are invariably at their lowest. Autumn migration was evident in the count of 3,779 individuals in September. It is known that high numbers of shorebirds pass through Hong Kong in spring and autumn. Over 40 species of shorebirds are recorded during the passage period. The most numerous in summer 2005 was Marsh Sandpiper *Tringa stagnatilis*, of which 2,163 were counted in April. These counts showed only a single-day count to serve the comparison purpose, whereas the actual number of passage shorebirds in Hong Kong can be larger. More details of numbers and composition of this group during the passage period are provided in the Shorebird Monitoring Report (Anon. 2005b). Greater Painted-snipe *Rostratula benghalensis* and Black-winged Stilt *Himantopus himantopus*, recently established as breeding species at Mai Po Nature Reserve, were still recorded in the summer 2005, and breeding was also confirmed. Figure 6 illustrates numbers of this group in counts since 2000.

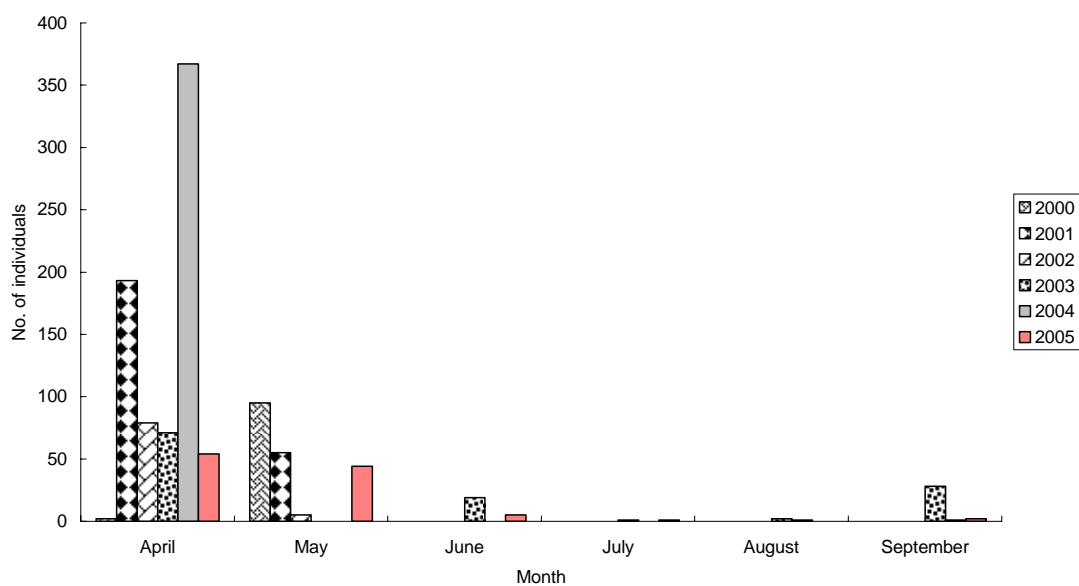
Figure 6. Comparison of number of Shorebirds in Deep Bay area in summer months (2000-2005)



3.6 Gulls and Terns

In summer 2005, the peak count of this group was only 54 individuals in the April count, which mainly comprised a flock of 49 Gull-billed Terns *Gelochelidon nilotica*. The number was similar in the May count, which included a total of 44 White-winged Terns *Chlidonias leucopterus*. Besides, only one or two over-summering Black-headed Gulls *Larus ridibundus* were recorded in other counts. The numbers of this group during the summer 2005 were relatively lower than numbers in summer 2004. Figure 7 illustrates numbers of this group in counts since 2000.

Figure 7. Comparison of number of Gulls and Terns in Deep Bay area in summer months (2000-2005)



3.7 Globally threatened species

Some globally threatened bird species were recorded in this monthly waterbird count during the summer 2005 and they are:

Black-faced Spoonbill *Platalea minor* (globally endangered) - 59 birds in April, 50 in May and two in June;

Nordmann's Greenshank *Tringa guttifer* (globally endangered) - seven in April, four in May, one in June;

Spoon-billed Sandpiper *Eurynorhynchus pygmeus* (globally endangered) - two in April;

Saunders's Gull *Larus saundersi* (globally vulnerable) - two in April.

4. Discussion

In summer 2005, new monthly high numbers were recorded in May, July and September (Figure 1). All these high numbers also included high numbers of migratory shorebirds. No Great Egret or Black-crowned Night Heron *Nycticorax nycticorax* was found breeding in the vicinity of Deep Bay in summer 2005 (Anon. 2005a). These indicated that the number of breeding resident waterbirds would not be in an increasing condition. Despite that, the counts still vary in large scale and the trend of the waterbird population could still not be concluded.

5. Acknowledgements

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Carey, G.J., Chalmers, M.L., Diskin, D.A., Kennerley, P.R., Leader, P.J., Leven, M.R., Lewthwaite, R.W., Melville, D.S., Turnbull, M. and Young, L. 2001. The Avifauna of Hong Kong. Hong Kong Bird Watching Society. Hong Kong.

Summer 2005 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Maps

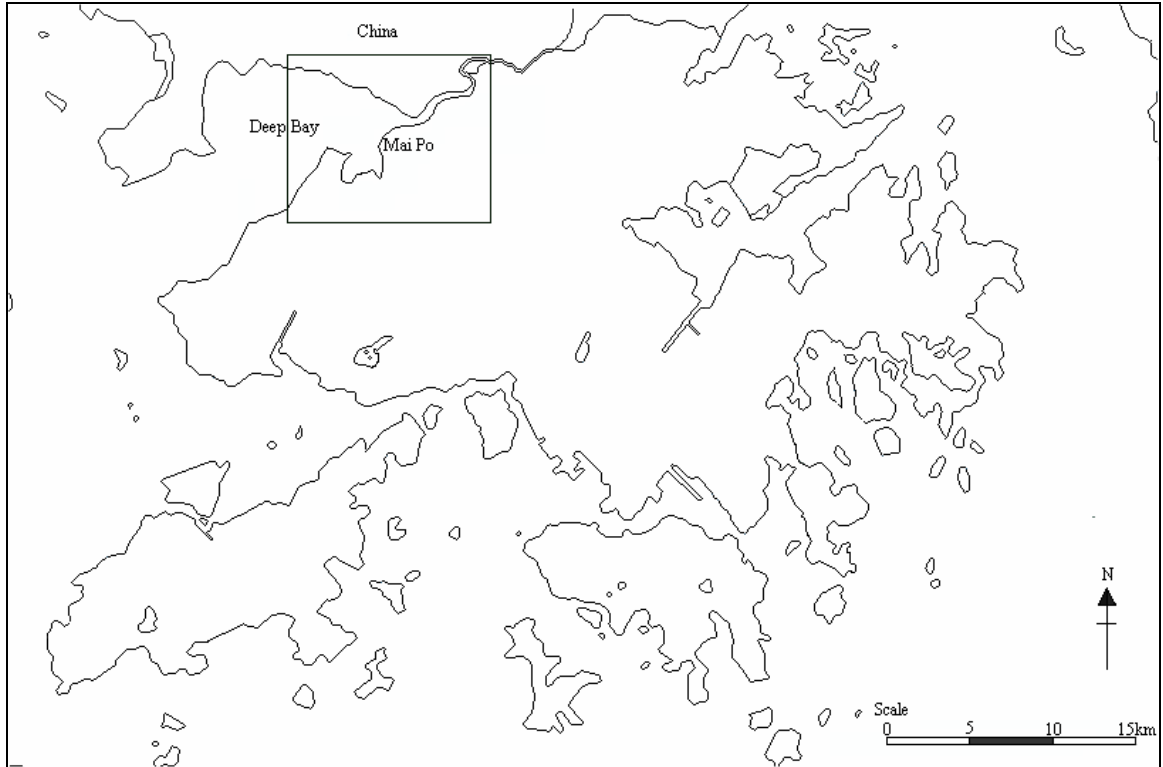


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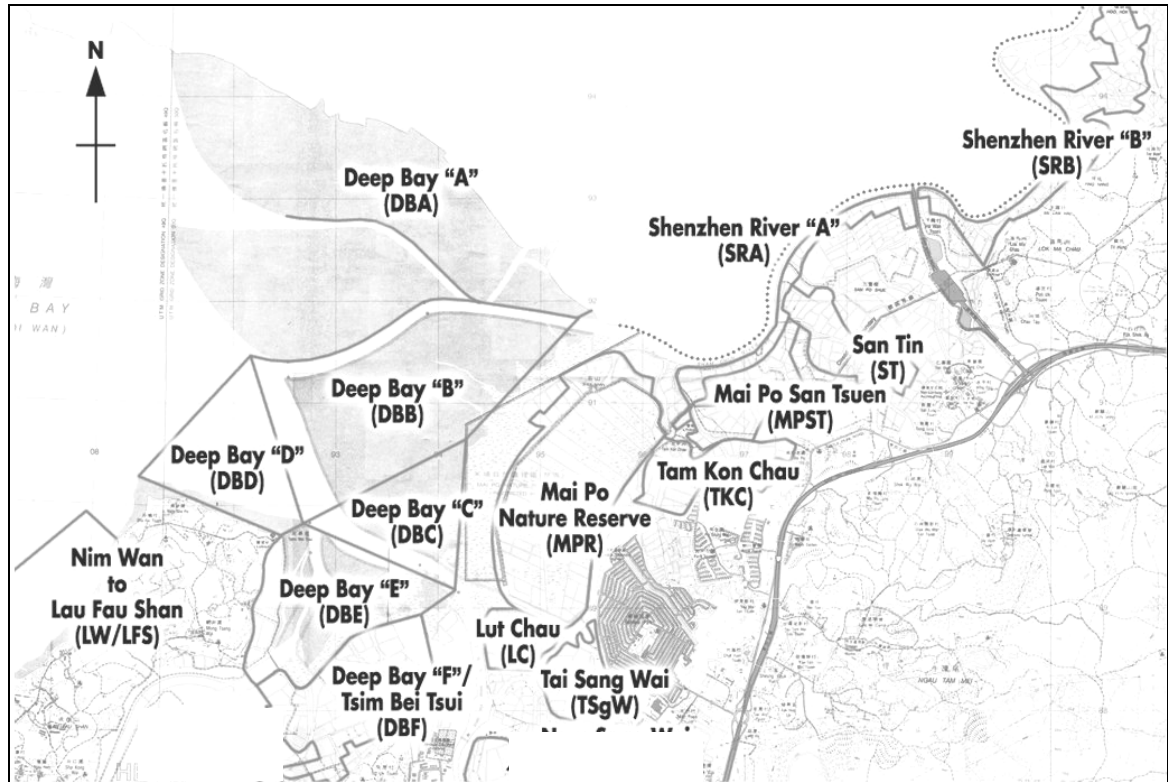


Agriculture, Fisheries and Conservation Department

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



Summer 2005 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Tables



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Agriculture, Fisheries and Conservation Department

Table 1a. Numbers of waterbird in the whole Deep Bay area during summer months, 1998-2005

	1998	1999	2000	2001	2002	2003	2004	2005	Mean	SD
Apr	nc	11686	8049	12858	10399	9019	13681	10067	10823	2031
May	nc	3973	2206	3201	8028	3925	3133	8455	4703	2491
Jun	891	1307	nc	3324	1879	1313	2697	1445	1837	871
Jul	2439	1941	3020	nc	2135	3145	3945	4179	2972	864
Aug	3047	2784	3178	4124	4096	3060	4807	nc	3585	755
Sep	5303	3499	5689	4566	nc	5032	4916	6695	5100	985

Table 1b. Numbers of waterbird in the Ramsar Site during summer months, 1998-2005

	1998	1999	2000	2001	2002	2003	2004	2005	Mean	SD
April	nc	11148	7826	11638	8319	7595	11748	8823	9585	1852
May	nc	3438	1862	2238	7000	3153	2302	7482	3911	2345
June	1194	999	Nc	1500	967	527	2092	859	1162	506
July	1976	1273	1173	nc	1217	2133	2237	2748	1822	611
Aug	2817	2287	2232	2858	2463	1588	2420	nc	2381	425
Sep	4705	2994	3580	3087	nc	3001	3450	4920	3673	811

Table 2. Summary of waterbird count for April 2005.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	14	0.1	5	0.1	0	0
Ardeids	1934	19.2	1214	13.8	19	649
Ducks, grebes, pelicans	284	2.8	104	1.2	0	11
Rails and coot	235	2.3	70	0.8	1	4
Shorebirds	7546	75.0	7376	83.6	1	2
Gulls and terns	54	0.5	54	0.6	0	0
Total	10067		8823		21	666

SW: Shuen Wan, SI: Starling Inlet

Table 3. Summary of waterbird count for May 2005.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	2	0.0	2	0.0	0	0
Ardeids	1747	20.7	1168	15.6	34	535
Ducks, grebes, pelicans	181	2.1	52	0.0	0	1
Rails and coot	134	1.6	53	0.7	2	3
Shorebirds	6347	75.1	6163	82.4	11	10
Gulls and terns	44	0.5	44	0.6	0	0
Total	8455		7482		47	549

SW: Shuen Wan, SI: Starling Inlet

Table 4. Summary of waterbird count for June 2005.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	2	0.1	2	0.2	0	0
Ardeids	1128	78.1	641	74.6	66	179
Ducks, grebes, pelicans	77	5.3	23	2.7	0	0
Rails and coot	36	2.5	12	1.4	1	0
Shorebirds	197	13.6	176	20.5	0	0
Gulls and terns	5	0.3	5	0.6	0	0
Total	1445		859		67	179

SW: Shuen Wan, SI: Starling Inlet

Table 5. Summary of waterbird count for July 2005.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	0	0.0	0	0.0	Nc	0
Ardeids	2523	60.4	1487	54.1	Nc	221
Ducks, grebes, pelicans	106	2.5	38	1.4	Nc	0
Rails and coot	45	1.1	12	0.4	Nc	0
Shorebirds	1504	36.0	1210	44.0	Nc	24
Gulls and terns	1	0.0	1	0.0	Nc	0
Total	4179		2748		Nc	245

SW: Shuen Wan, SI: Starling Inlet, Nc: no count

Table 6. Summary of waterbird count for August 2005.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	Nc	Nil	Nc	Nil	Nc	Nc
Ardeids	Nc	Nil	Nc	Nil	Nc	Nc
Ducks, grebes, pelicans	Nc	Nil	Nc	Nil	Nc	Nc
Rails and coot	Nc	Nil	Nc	Nil	Nc	Nc
Shorebirds	Nc	Nil	Nc	Nil	Nc	Nc
Gulls and terns	Nc	Nil	Nc	Nil	Nc	Nc
Total	Nc		Nc		Nc	Nc

SW: Shuen Wan, SI: Starling Inlet. Nc: no count. Counts were incompleated due to thunderstorm warning and unstable weather..

Table 7. Summary of waterbird count for September 2005.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	4	0.06	1	0.02	0	0
Ardeids	2757	41.18	1696	34.47	95	214
Ducks, grebes, pelicans	119	1.78	65	1.32	0	0
Rails and coot	34	0.51	10	0.20	0	0
Shorebirds	3779	56.45	3148	63.98	11	1
Gulls and terns	2	0.03	0	0.00	0	0
Total	6695		4920		106	215

SW: Shuen Wan, SI: Starling Inlet

Table 8. Numbers of waterbird species groups in whole Deep Bay area, summer 2005

	April	May	June	July	August	September
Cormorants	14	2	2	0	nc	4
Ardeids	1934	1747	1128	2523	nc	2757
Ducks, grebes, pelicans	284	181	77	106	nc	119
Rails and coot	235	134	36	45	nc	34
Shorebirds	7546	6347	197	1504	nc	3779
Gulls and terns	54	44	5	1	nc	2

Summer 2005 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Appendices



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Summary of Waterbird Count, April 2005

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	WEP	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	30	58	3					36		1	9	1	4	0	40	26	26	3	55	208		3
Great Crested Grebe			2													0			0	2		
Great Cormorant	7	0	2					0			0	0	0	0	0	5	0	0	5	14		
Dalmatian Pelican																0			0	0		
Grey Heron	56	0	4	1		7	6	5	1	7	0	0	0	0	7	62	3	14	79	156		21
Purple Heron																0			0	0		
Great Egret	54	6	48	30	13	33	43	38	8	4	3	7	7	182	12	92	218	123	433	580	3	296
Intermediate Egret	7	0						2		2	0	0	0	0	2	12	1	0	13	25		
Little Egret	12	6	200		28	45	55	95	13	25	29	28	39	62	4	150	176	151	477	791	7	130
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	0	0						3			5	47	0	20	0	13	69	0	82	88		23
Chinese Pond Heron	7	34	28			13	8	21	2	1	33	3	22	12	17	15	81	23	119	216	6	4
Striated Heron	0	0						0			0	1	0	0	0	1	1	0	2	2		
B-c Night Heron	0	1	5					0			0	0	1	0	1	7	1	0	8	15	3	175
Yellow Bittern	0	0	1					0			0	0	0	0	0	0	0	0	0	1		
Cinnamon Bittern		1														0			0	1		
Great Bittern																0			0	0		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill																0			0	0		
Black-faced Spoonbill	30		28											1		0	1		1	59		
Common Shelduck																0			0	0		
Eurasian Wigeon	4	0				1		0			0	0	0	0	0	20	0	1	21	25		
Falcatad Duck																0			0	0		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	0	0						0			0	0	0	0	0	10	0	0	10	10		8
Mallard																0			0	0		
Spot-billed Duck										2						0			0	2		
Chinese Spotbill																1			1	1		
Burmese Spotbill																1			1	1		
Northern Pintail																2			2	2		
Garganey	2		1													14			14	17		
Northern Shoveler	1		15													0			0	16		
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.																0			0	0		
Slaty-breasted Rail																0			0	0		
Water Rail																0			0	0		
White-breasted Waterhen	11	10	8				2	2			0	2	1	1	4	13	7	2	22	54	1	2
Watercock																0			0	0		
Common Moorhen	14	49	13				1	20		3	20	0	3	3	22	33	14	1	48	181		2
Eurasian Coot																0			0	0		
Pheasant-tailed Jacana																0			0	0		

Greater Painted Snipe														0		0	0		
Black-winged Stilt					2					4				54	6	60	60		
Pied Avocet			2100											0	2100	2100	2100		
Oriental Pratincole					6									0	6	6	6		
Northern Lapwing														0		0	0		
Grey-headed Lapwing														0		0	0		
Pacific Golden Plover														5		5	5		
Grey Plover														16		16	16		
Common Ringed Plover														0		0	0		
Little Ringed Plover	13	7			8	6	4	0	2	0	4			2	14	0	16	46	
Kentish Plover														4		4	4		
Lesser Sand Plover														18		18	18		
Greater Sand Plover						1								306		306	307		
Black-tailed Godwit														532		532	532		
Bar-tailed Godwit														9		9	9		
Whimbrel														0		0	0		
Eurasian Curlew														13		13	13		
Far Eastern Curlew														1		1	1		
Spotted Redshank														993		993	993		
Common Redshank														215		215	215		
Marsh Sandpiper		1												2163		2163	2164		
Common Greenshank	9					3								158		158	170		
Nordmann's Greenshank														7		7	7		
Green Sandpiper	5	13			2		3	0	6	1	2			0	10	0	10	32	1
Wood Sandpiper	37	13			3	6	12	1	1	2	8			26	17	0	43	109	
Terek Sandpiper														50		50	50		
Common Sandpiper	4	10			7	1	11	13	12	3	8			3	39	0	42	72	1 1
Grey-tailed Tattler														0		0	0		
Ruddy Turnstone														5		5	5		
Red-necked Phalarope														8		8	8		
Pintail Snipe														0		0	0		
Swinhoe's Snipe														0		0	0		
Pintail/Swinhoe's Snipe		4												0		0	4		
Common Snipe	1	1												0		0	2		
Long-billed Dowitcher														1		1	1		
Asian Dowitcher														3		3	3		
Red Knot														2		2	2		
Great Knot														209		209	209		
Sanderling														2		2	2		
Red-necked Stint														136		136	136		
Little Stint														0		0	0		
Temminck's Stint														0	2	0	2		
Long-toed Stint														0		0	0		
Pectoral Sandpiper														1		1	1		
Sharp-tailed Sandpiper														21		21	21		
Dunlin														1		1	1		
Curlew Sandpiper														213		213	213		
Spoon-billed Sandpiper														2		2	2		
Broad-billed Sandpiper														3		3	3		
Ruff														2		2	2		
Small wader spp.														0		0	0		
Wader sp.														0		0	0		
Black-tailed Gull														0		0	0		
Heuglin's Gull														0		0	0		
Yellow-legged Gull														0		0	0		
Slaty-backed Gull														0		0	0		

Pallas's Gull																	0			0	0	
Large Gull spp.																	0			0	0	
Brown-headed Gull																	0			0	0	
Black-headed Gull	0	0						0		0	0	2	0	0	0	2		0	2	2	2	
Saunders's Gull																	2			2	2	
Whiskered Tern																	0			0	0	
White-winged Tern																	0			0	0	
Gull-billed Tern																	49			49	49	
Caspian Tern																	1			1	1	
Total	304	214	358	2131	41	99	115	250	24	62	129	103	100	291	133	5713	692	2418	8823	10067	21	666
	Deep Bay Area	%	Ramsar Site	%	SW	SI																
Cormorants	14	0.1	5	0.1	0	0																
Ardeids etc	1934	19.2	1214	13.8	19	649																
Ducks, grebes, pelicans	284	2.8	104	1.2	0	11																
Rails, Coot etc	235	2.3	70	0.8	1	4																
Waders	7546	75.0	7376	83.6	1	2																
Gulls and terns	54	0.5	54	0.6	0	0																
TOTAL	10067		8823		21	666																

Date of count: 10 Apr 2004

n/c = site not counted High tide measured at TBT:

indicates count consists of or includes a count made up to one week either side of the count date

% = count made at evening roost

Wetland-dependant species																						
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
Osprey				1											0				0	1		
Black Kite	0	0		1				4			1	1	0	1	0	3	5	3	11	11	3	
White-bellied Sea Eag															0				0	0		
Eastern Marsh Harrier													1		1				1	2		
Common Buzzard								1							0				0	1		
Greater Spotted Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0		
Imperial Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0		
Peregrine Falcon															0				0	0		
Pied Kingfisher	2	2						3			0	0	3	0	0	6	5	0	11	16		4
Common Kingfisher	1	8						2			1	3	5	3	7	5	14	0	19	35	2	6
White-throated Kingfisher	0	2						0			6	0	0	0	0	0	4	0	4	8	1	
Black-capped Kingfisher	0	0						0			0	0	1	0	0	2	1	0	3	3		1
Red-billed Starling	1	0						0			0	0	0	0	0	0	1	0	1	1		
Collared Crow	0	0						5			4	10	0	0	0	2	15	0	17	21	4	

Summary of Waterbird Count, May 2005

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	WEP	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	30	55	3					27			0	4	1	1	22	36	14	0	50	179		1
Great Crested Grebe																0			0	0		
Great Cormorant	0	0						0			1	0	0	0	0	1	1	0	2	2		
Dalmatian Pelican																0			0	0		
Grey Heron	6	0	1					1			0	0	0	2	0	6	2	0	8	16	1	1
Purple Heron	1															0			0	1		
Great Egret	8	14	43				38	23	15		6	12	1	7	18	368	44	38	450	553	13	176
Intermediate Egret	0	1						0			0	0	0	0	0	5	0	0	5	6		2
Little Egret	8	20	223				15	63	11		6	21	24	23	19	379	126	15	520	812	11	75
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	34	18						14			8	3	17	1	2	11	40	0	51	108		107
Chinese Pond Heron	16	19	31					9	2		8	14	8	7	9	13	40	0	53	136	6	5
Striated Heron	0	0						0			0	1	0	0	0	1	1	0	2	2		
B-c Night Heron	3	14	15					15			1	1	2	0	0	11	18	0	29	62	3	169
Yellow Bittern	0	0						0			0	0	0	0	0	0	0	0	0	0		
Cinnamon Bittern			1													0			0	1		
Great Bittern																0			0	0		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill																0			0	0		
Black-faced Spoonbill																50			50	50		
Common Shelduck																0			0	0		
Eurasian Wigeon	0	0						0			0	0	0	0	0	1	0	0	1	1		
Falcatid Duck																0			0	0		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	0	0						0			0	0	0	0	0	0	0	0	0	0		
Mallard																0			0	0		
Spot-billed Duck																1			1	1		
Chinese Spotbill																0			0	0		
Burmese Spotbill																0			0	0		
Northern Pintail																0			0	0		
Garganey																0			0	0		
Northern Shoveler																0			0	0		
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.																0			0	0		
Slaty-breasted Rail																0			0	0		
Water Rail																0			0	0		
White-breasted Waterhen	9	5	8					1			1	0	1	1	2	11	4	0	15	39	2	3
Watercock																0			0	0		
Common Moorhen	13	13	23					9			0	0	0	4	1	32	6	0	38	95		
Eurasian Coot																0			0	0		

Pheasant-tailed Jacana	2														0			0	2		
Greater Painted Snipe															0			0	0		
Black-winged Stilt	19		21												53			53	93		
Pied Avocet				270											0		270	270	270		
Oriental Pratincole	1														1			1	2		
Northern Lapwing															0			0	0		
Grey-headed Lapwing															0			0	0		
Pacific Golden Plover															1			1	1		
Grey Plover															9			9	9		
Common Ringed Plover															0			0	0		
Little Ringed Plover	12	3	7			0		0	3	4	0	0	2	7	0	9	31			3	
Kentish Plover													3			3	3				
Lesser Sand Plover													17			17	17				
Greater Sand Plover													192			192	192		1	1	
Black-tailed Godwit													7			7	7				
Bar-tailed Godwit													1			1	1				
Whimbrel													15			15	15				
Eurasian Curlew													13			13	13				
Far Eastern Curlew													1			1	1				
Spotted Redshank													799			799	799				
Common Redshank													563			563	563				
Marsh Sandpiper													7			7	7				
Common Greenshank	1												1112			1112	1113				
Nordmann's Greenshank													4			4	4				
Green Sandpiper	1	1			11		0	0	0	0	0	0	11	0	11	13					
Wood Sandpiper	11	1			0		120	0	3	0	0	4	83	0	87	139					
Terek Sandpiper													106			106	106				
Common Sandpiper	6	7	3		5		1	5	5	1	2	1	16	0	17	36		2	2		
Grey-tailed Tattler			1										28		28	29		8	2		
Ruddy Turnstone													39		39	39					
Red-necked Phalarope													0		0	0				2	
Pintail Snipe													0		0	0					
Swinhoe's Snipe													0		0	0					
Pintail/Swinhoe's Snipe													1		1	1					
Common Snipe													0		0	0					
Long-billed Dowitcher													0		0	0					
Asian Dowitcher													2		2	2					
Red Knot													5		5	5					
Great Knot													12		12	12					
Sanderling													11		11	11					
Red-necked Stint	43												1600		1600	1643					
Little Stint													1		1	1					
Temminck's Stint													0		0	0					
Long-toed Stint													5		5	5					
Pectoral Sandpiper													0		0	0					
Sharp-tailed Sandpiper													9		9	9					
Dunlin													1		1	1					
Curlew Sandpiper	1												1064		1064	1065					
Spoon-billed Sandpiper													0		0	0					
Broad-billed Sandpiper													87		87	87					
Ruff													0		0	0					
Small wader spp.													0		0	0					
Wader sp.													0		0	0					
Black-tailed Gull													0		0	0					

Heuglin's Gull																0			0	0		
Yellow-legged Gull																0			0	0		
Slaty-backed Gull																0			0	0		
Pallas's Gull																0			0	0		
Large Gull spp.																0			0	0		
Brown-headed Gull																0			0	0		
Black-headed Gull	0	0						0			0	0	0	0	0	0	0	0	0	0		
Saunders's Gull																0			0	0		
Whiskered Tern																0			0	0		
White-winged Tern																44			44	44		
Gull-billed Tern																0			0	0		
Caspian Tern																0			0	0		
Total	225	171	380	270	0	0	53	178	28	n/c	152	64	66	47	75	6746	413	323	7482	8455	47	549

	Deep Bay Area	%	Ramsar Site	%	SW	SI																
Cormorants	2	0.0	2	0.0	0	0																
Ardeids etc	1747	20.7	1168	15.6	34	535																
Ducks, grebes, pelicans	181	2.1	52	0.0	0	1																
Rails, Coot etc	134	1.6	53	0.7	2	3																
Waders	6347	75.1	6163	82.4	11	10																
Gulls and terns	44	0.5	44	0.6	0	0																
TOTAL	8455		7482		47	549																

Date of count: 8 May 2005

n/c = site not counted High tide measured at TBT:

indicates count consists of or includes a count made up to one week either side of the count date

% = count made at evening roost

Wetland-dependant species																						
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
Osprey		1														0			0	1		
Black Kite	0	0						4			0	0	0	2	10	0	6	0	6	16	3	
White-bellied Sea Eag																0			0	0		
Eastern Marsh Harrier																0			0	0		
Common Buzzard																0			0	0		
Greater Spotted Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0		
Imperial Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0		
Peregrine Falcon																0			0	0		
Pied Kingfisher	3	9						0			0	0	0	0	0	1	0	0	1	13		5
Common Kingfisher	0	5	2					0	1		1	1	2	1	2	1	5	0	6	16		2
White-throated Kingfisher	0	1	1					4			0	0	0	0	0	1	2	0	3	7		1
Black-capped Kingfisher	0	0						0			0	0	0	0	0	0	0	0	0	0		
Red-billed Starling	0	0						0			0	0	0	0	0	0	0	0	0	0		
Collared Crow	0	0	1					11			0	16	2	0	0	1	27	0	28	31	3	

Summary of Waterbird Count, June 2005

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	WEP	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	5	17	1					22		3	2	0	0	2	16	9	14	0	23	77		
Great Crested Grebe																0			0	0		
Great Cormorant	0	0						0			0	0	0	1	0	1	1	0	2	2		
Dalmatian Pelican																0			0	0		
Grey Heron	2	0						0			0	1	0	0	0	5	1	0	6	8		
Purple Heron																0			0	0		
Great Egret	11	13	19	1	16			16		7	10	8	14	11	12	84	48	17	149	222	14	90
Intermediate Egret	0	0						1			0	0	0	0	0	2	1	0	3	3		
Little Egret	6	10	221	14	43			30		6	32	39	46	21	16	44	127	57	228	528	25	37
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	5	1	3					3			1	1	1	2	1	155	6	0	161	173	20	33
Chinese Pond Heron	4	19	31		1			7		4	21	14	15	8	19	8	54	1	63	151	5	
Striated Heron	0	0	1					0			0	0	0	0	0	6	0	0	6	7		
B-c Night Heron	0	5	3					3		1	3	4	0	1	1	11	10	0	21	32	2	19
Yellow Bittern	0	0						1			0	0	0	0	0	1	1	0	2	2		
Cinnamon Bittern																0			0	0		
Great Bittern																0			0	0		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill																0			0	0		
Black-faced Spoonbill																2			2	2		
Common Shelduck																0			0	0		
Eurasian Wigeon	0	0						0			0	0	0	0	0	0	0	0	0	0		
Falcated Duck																0			0	0		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	0	0						0			0	0	0	0	0	0	0	0	0	0		
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill																0			0	0		
Burmese Spotbill																0			0	0		
Northern Pintail																0			0	0		
Garganey																0			0	0		
Northern Shoveler																0			0	0		
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.																0			0	0		
Slaty-breasted Rail																0			0	0		
Water Rail																0			0	0		
White-breasted Waterhen	1	0	2					4			6	0	0	1	0	7	5	0	12	21	1	
Watercock																0			0	0		
Common Moorhen	0	0	9					1			2	0	0	0	3	0	0	0	0	15		
Eurasian Coot																0			0	0		

Pheasant-tailed Jacana															0			0	0		
Greater Painted Snipe															0			0	0		
Black-winged Stilt															63			63	63		
Pied Avocet															0			0	0		
Oriental Pratincole															0			0	0		
Northern Lapwing															0			0	0		
Grey-headed Lapwing															0			0	0		
Pacific Golden Plover															0			0	0		
Grey Plover															2			2	2		
Common Ringed Plover															0			0	0		
Little Ringed Plover	12	0					0	2	0	0	0	2	1	0	2	0	2	2	17		
Kentish Plover															0			0	0		
Lesser Sand Plover															0			0	0		
Greater Sand Plover															1			1	1		
Black-tailed Godwit															0			0	0		
Bar-tailed Godwit															0			0	0		
Whimbrel															8			8	8		
Eurasian Curlew															14			14	14		
Far Eastern Curlew															0			0	0		
Spotted Redshank															0			0	0		
Common Redshank															12			12	12		
Marsh Sandpiper															0			0	0		
Common Greenshank															44			44	44		
Nordmann's Greenshank															1			1	1		
Green Sandpiper	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0		
Wood Sandpiper	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0		
Terek Sandpiper															27			27	27		
Common Sandpiper	0	0	6				0	0	0	0	0	0	0	0	0	0	0	0	6		
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		
Pintail/Swinhoe's Snipe															0			0	0		
Common Snipe															0			0	0		
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		
Little Stint															0			0	0		
Temminck's Stint															0			0	0		
Long-toed Stint															0			0	0		
Pectoral Sandpiper															0			0	0		
Sharp-tailed Sandpiper															0			0	0		
Dunlin															0			0	0		
Curlew Sandpiper															2			2	2		
Spoon-billed Sandpiper															0			0	0		
Broad-billed Sandpiper															0			0	0		
Ruff															0			0	0		
Small wader spp.															0			0	0		
Wader sp.															0			0	0		
Black-tailed Gull															0			0	0		
Heuglin's Gull															0			0	0		

Yellow-legged Gull																	0			0	0		
Slaty-backed Gull																	0			0	0		
Pallas's Gull																	0			0	0		
Large Gull spp.																	0			0	0		
Brown-headed Gull																	0			0	0		
Black-headed Gull	0	0						0		0	0	0	0	0	0	2	0	0	2	2			
Saunders's Gull																0			0	0			
Whiskered Tern																0			0	0			
White-winged Tern																0			0	0			
Gull-billed Tern																1			1	1			
Caspian Tern																2			2	2			
Total	46	65	296	15	60	0	0	88	0	23	77	67	76	49	69	514	270	75	859	1445	67	179	
	Deep Bay Area	%	Ramsar Site	%	SW	SI																	
Cormorants	2	0.1	2	0.2	0	0																	
Ardeids etc	1128	78.1	641	74.6	66	179																	
Ducks, grebes, pelicans	77	5.3	23	2.7	0	0																	
Rails, Coot etc	36	2.5	12	1.4	1	0																	
Waders	197	13.6	176	20.5	0	0																	
Gulls and terns	5	0.3	5	0.6	0	0																	
TOTAL	1445		859		67	179																	

Date of count: 19 June 2005

n/c = site not counted High tide measured at TBT:

indicates count consists of or includes a count made up to one week either side of the count date

% = count made at evening roost

Wetland-dependant species																							
Species	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW/LFS	WEP	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet	
Osprey																0			0	0			
Black Kite	0	0						1			0	0	3	0	1	0	4	0	4	5	3		
White-bellied Sea Eag																0			0	0			
Eastern Marsh Harrier																0			0	0			
Common Buzzard																0			0	0			
Greater Spotted Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0			
Imperial Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0			
Peregrine Falcon																0			0	0			
Pied Kingfisher	1	3	6		1			0			0	0	0	0	1	1	0	0	1	13			
Common Kingfisher	0	1	3					0		1	1	1	0	4	1	5	5	1	11	17	1		
White-throated Kingfisher	0	0	3					1			0	0	0	0	0	0	0	0	0	4			
Black-capped Kingfisher	0	0						2			0	0	0	0	0	0	0	0	0	2			
Red-billed Starling	0	0						0			0	0	0	0	0	0	0	0	0	0			
Collared Crow	0	0						0			3	35	1	0	0	0	35	0	35	39	3		

Summary of Waterbird Count, July 2005

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	WEP	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	33	14						38		4	1	0	0	2	0	14	24	0	38	106		
Great Crested Grebe																0			0	0		
Great Cormorant	0	0						0			0	0	0	0	0	0	0	0	0	0		
Dalmatian Pelican																0			0	0		
Grey Heron	2	0					1	1		1	0	0	0	0	0	0	0	1	1	5		1
Purple Heron																3			3	3		
Great Egret	4	11	168	5	47	162	198	9	58	3	8	8	3	4	0	67	26	412	505	755		130
Intermediate Egret	0	0						0			0	0	0	0	0	3	0	0	3	3		1
Little Egret	9	10	534	12	45	35	303	21	29	14	63	30	19	9	0	97	121	395	613	1230		49
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	0	1	12				13	2			4	0	1	0	0	176	2	13	191	209		7
Chinese Pond Heron	15	14	56		8	3	4	12	6	11	39	26	25	16	0	11	104	15	130	246		4
Striated Heron	0	0		1				0			0	1	0	0	0	9	0	1	10	11		
B-c Night Heron	3	10	13	1		3	1	9		2	6	2	0	1	0	9	16	5	30	60		29
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																0			0	0		
Black-faced Spoonbill																0			0	0		
Common Shelduck																0			0	0		
Eurasian Wigeon	0	0						0			0	0	0	0	0	0	0	0	0	0		
Falcatad Duck																0			0	0		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	0	0						0			0	0	0	0	0	0	0	0	0	0		
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill																0			0	0		
Burmese Spotbill																0			0	0		
Northern Pintail																0			0	0		
Garganey																0			0	0		
Northern Shoveler																0			0	0		
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.																0			0	0		
Slaty-breasted Rail																0			0	0		
Water Rail																0			0	0		
White-breasted Waterhen	4	5	5				3	3	2	2	2	1	2	0	0	3	6	3	12	32		
Watercock																0			0	0		
Common Moorhen	1	0	12					0			0	0	0	0	0	0	0	0	0	13		
Eurasian Coot																0			0	0		

Pheasant-tailed Jacana																0			0	0								
Greater Painted Snipe																2			2	2								
Black-winged Stilt			30													47	6		53	83								
Pied Avocet																0			0	0								
Oriental Pratincole																0			0	0								
Northern Lapwing																0			0	0								
Grey-headed Lapwing																0			0	1								
Pacific Golden Plover																0			0	0								
Grey Plover																0			0	0								
Common Ringed Plover																0			0	0								
Little Ringed Plover	1	0	61					0								4	0	0	0	0	0	4	0	4	66			
Kentish Plover																0			0	0								
Lesser Sand Plover																0			0	0								
Greater Sand Plover																5			5	5								
Black-tailed Godwit																3			3	3								
Bar-tailed Godwit																0			0	0								
Whimbrel																5	1		6	6								
Eurasian Curlew																46			46	46								
Far Eastern Curlew																0			0	0								
Spotted Redshank																0			0	0								
Common Redshank																534			534	614								
Marsh Sandpiper																9			9	11								
Common Greenshank																431			431	431								
Nordmann's Greenshank																0			0	0								
Green Sandpiper	0	1						0								2	0	2	0	0	0	4	0	4	5			
Wood Sandpiper	1	0	106					0								0	0	1	0	0	26	1	0	27	134			
Terek Sandpiper																0			0	0								
Common Sandpiper	2	1	8	1	3	1	2	0								1	2	3	0	0	2	6	7	15	26			
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								
Pintail/Swinhoe's Snipe																0			0	0								
Common Snipe																0			0	0								
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								
Little Stint																0			0	0								
Temminck's Stint																0			0	0								
Long-toed Stint																0			0	0								
Pectoral Sandpiper																0			0	0								
Sharp-tailed Sandpiper																0			0	0								
Dunlin																0			0	0								
Curlew Sandpiper																71			71	71								
Spoon-billed Sandpiper																0			0	0								
Broad-billed Sandpiper																0			0	0								
Ruff																0			0	0								
Small wader spp.																0			0	0								24

Wader sp.																0			0	0		
Black-tailed Gull																0			0	0		
Heuglin's Gull																0			0	0		
Yellow-legged Gull																0			0	0		
Slaty-backed Gull																0			0	0		
Pallas's Gull																0			0	0		
Large Gull spp.																0			0	0		
Brown-headed Gull																0			0	0		
Black-headed Gull	0	0					0			0	0	0	0	0	0	1	0	0	1	1		
Saunders's Gull																0			0	0		
Whiskered Tern																0			0	0		
White-winged Tern																0			0	0		
Gull-billed Tern																0			0	0		
Caspian Tern																0			0	0		
Total	75	67	1087	21	103	204	525	95	95	37	136	70	57	33	n/c	1574	322	852	2748	4179	n/c	245
	Deep Bay Area	%	Ramsar Site	%	SW	SI																
Cormorants	0	0.0	0	0.0	0	0																
Ardeids etc	2523	60.4	1487	54.1	0	221																
Ducks, grebes, pelicans	106	2.5	38	1.4	0	0																
Rails, Coot etc	45	1.1	12	0.4	0	0																
Waders	1504	36.0	1210	44.0	0	24																
Gulls and terns	1	0.0	1	0.0	0	0																
TOTAL	4179		2748		0	245																

Date of count: 24 Jul 2005

n/c = site not counted High tide measured at TBT:

indicates count consists of or includes a count made up to one week either side of the count date

% = count made at evening roost

Wetland-dependant species																						
Species	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	WEP	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Osprey										1	1				0				0	2		1
Black Kite	0	1					1	1	1		0	0	3	0	0	1	4	0	5	8		
White-bellied Sea Eag																0			0	0		
Eastern Marsh Harrier																0			0	0		
Common Buzzard																0			0	0		
Greater Spotted Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0		
Imperial Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0		
Peregrine Falcon																0		0	0	0		

Pied Kingfisher	0	3	2					2	1	1	0	0	0	0	0	1	1	0	2	10		2
Common Kingfisher	4	10	1					3			6	3	3	2	0	1	13	0	14	33		1
White-throated Kingfisher	3	2	8	1	2	3		5	6	1	8	4	0	1	0	2	18	0	20	46		
Black-capped Kingfisher	0	0						0			0	0	0	0	0	0	0	6	6	0		
Red-billed Starling	0	0						25			0	0	0	0	0	0	20	0	20	25		
Collared Crow	0	0					2	0			1	17	0	0	0	0	18	0	18	20		

Summary of Waterbird Count, September 2005

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	WEP	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	24	20						34		2	10	0	1	1	0	5	38	0	43	97		
Great Crested Grebe																0			0	0		
Great Cormorant	0	0						0			0	0	0	1	3	0	1	0	1	4		
Dalmatian Pelican																0			0	0		
Grey Heron	14	4	7		35	1	4	9	1	2	0	1	0	3	0	176	4	40	220	257	1	5
Purple Heron																1			1	1		
Great Egret	10	7	178	9	100	2	61	41	19	3	15	5	1	11	2	116	33	202	351	580	9	132
Intermediate Egret	0	0						2		2	1	0	0	0	1	1	2	0	3	7		3
Little Egret	8	31	433	17	450	20	197	163	17	13	83	42	11	16	0	67	138	794	999	1568	34	43
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	3	2	6					1		1	8	0	4	0	24	14	4	0	18	63	23	16
Chinese Pond Heron	23	18	28				2	10		9	30	2	10	9	26	21	48	2	71	188	25	7
Striated Heron	1	0	12					0			0	0	0	0	9	0	0	0	0	22		
B-c Night Heron	3	5	30			1	1	0			0	0	0	0	0	30	0	2	32	70	3	7
Yellow Bittern	0	0						1			0	0	0	0	0	0	1	0	1	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																0			0	0		
Black-faced Spoonbill																0			0	0		
Common Shelduck																0			0	0		
Eurasian Wigeon	0	0						0			0	0	0	0	0	0	0	0	0	0		
Falcated Duck																0			0	0		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	0	0						0			0	0	0	0	0	0	0	0	0	0		
Mallard																0			0	0		
Spot-billed Duck																16			16	16		
Chinese Spotbill																0			0	0		
Burmese Spotbill																0			0	0		
Northern Pintail																0			0	0		
Garganey																6			6	6		
Northern Shoveler																0			0	0		
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.																0			0	0		
Slaty-breasted Rail																0			0	0		
Water Rail																0			0	0		
White-breasted Waterhen	0	5	4					5		3	2	0	0	0	0	3	5	0	8	22		

Watercock	1													0			0	1			
Common Moorhen	0	0	7					0		1	2	0	0	0	1	0	2	0	2	11	
Eurasian Coot																0		0	0		
Pheasant-tailed Jacana																0		0	0		
Greater Painted Snipe																0		0	0		
Black-winged Stilt	3		27											1		139	1	140	176		
Pied Avocet																0		0	0		
Oriental Pratincole																0		0	0		
Northern Lapwing																0		0	0		
Grey-headed Lapwing																0		0	0		
Pacific Golden Plover																1		1	1	1	
Grey Plover																4		4	4		
Common Ringed Plover																0		0	0		
Little Ringed Plover	22	0	5					0		1	5	0	0	19	0	3	19	0	22	55	
Kentish Plover																2		2	2		
Lesser Sand Plover																6		6	6		
Greater Sand Plover																55		55	55		
Black-tailed Godwit																237		237	237		
Bar-tailed Godwit																43		43	43		
Whimbrel			7							1						149		149	157	8	
Eurasian Curlew			2													84		84	86		
Far Eastern Curlew																2		2	2		
Spotted Redshank			4													17		17	21		
Common Redshank																405		405	405		
Marsh Sandpiper	14		12							1				8		842	8	850	877		
Common Greenshank			2							7						895		895	904		
Nordmann's Greenshank																0		0	0		
Green Sandpiper	0	3						0		4	0	0	0	2	5	0	2	0	2	14	
Wood Sandpiper	76	5	360					0		16	5	0	0	6	0	6	18	0	24	474	
Terek Sandpiper																38		38	38		
Common Sandpiper	4	4	26					6	4	3	4	5	4	2	1	2	19	0	21	65	3
Grey-tailed Tattler																3		3	3		
Ruddy Turnstone																2		2	2		
Red-necked Phalarope														1		0	1	1	1		
Pintail Snipe																0		0	0		
Swinhoe's Snipe																0		0	0		
Pintail/Swinhoe's Snipe	2	2														1		1	5		
Common Snipe																0		0	0		
Long-billed Dowitcher																0		0	0		
Asian Dowitcher																5		5	5		
Red Knot																5		5	5		
Great Knot																24		24	24		
Sanderling																0		0	0		
Red-necked Stint																39		39	39		
Little Stint																0		0	0		
Temminck's Stint																0		0	0		
Long-toed Stint	2															1		1	3		
Pectoral Sandpiper																0		0	0		
Sharp-tailed Sandpiper																31		31	31		
Dunlin																6		6	6		
Curlew Sandpiper																20		20	20		
Spoon-billed Sandpiper																0		0	0		

Broad-billed Sandpiper																	11			11	11		
Ruff																	2			2	2		
Small wader spp.																	0			0	0		
Wader sp.																	0			0	0		
Black-tailed Gull																	0			0	0		
Heuglin's Gull																	0			0	0		
Yellow-legged Gull																	0			0	0		
Slaty-backed Gull																	0			0	0		
Pallas's Gull																	0			0	0		
Large Gull spp.																	0			0	0		
Brown-headed Gull																	0			0	0		
Black-headed Gull	0	0					0			0	0	0	0	0	2		0	0	0	0	2		
Saunders's Gull																	0			0	0		
Whiskered Tern																	0			0	0		
White-winged Tern																	0			0	0		
Gull-billed Tern																	0			0	0		
Caspian Tern																	0			0	0		
Total	210	106	1150	26	585	24	265	272	41	75	165	55	31	80	74	3536	344	1040	4920	6695	106	215	

	Deep Bay Area	%	Ramsar Site	%	SW	SI																	
Cormorants	4	0.06	1	0.02	0	0																	
Ardeids etc	2757	41.18	1696	34.47	95	214																	
Ducks, grebes, pelicans	119	1.78	65	1.32	0	0																	
Rails, Coot etc	34	0.51	10	0.20	0	0																	
Waders	3779	56.45	3148	63.98	11	1																	
Gulls and terns	2	0.03	0	0.00	0	0																	
TOTAL	6695		4920		106	215																	

Date of count: 18 Sep 2005

n/c = site not counted High tide measured at TBT:

indicates count consists of or includes a count made up to one week either side of the count date

% = count made at evening roost

Wetland-dependant species																						
Species	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	WEP	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Osprey				1												4			4	5		
Black Kite	0	0	1					2	5		0	3	1	0	0	3	6	1	10	15	3	
White-bellied Sea Eag																0			0	0		
Eastern Marsh Harrier																0			0	0		
Common Buzzard																0			0	0		
Greater Spotted Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0		

Imperial Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0	0	
Peregrine Falcon															0			0	0			
Pied Kingfisher	2	0	5					1		0	2	0	0	0	2	3	0	5	12			2
Common Kingfisher	5	9	1					5	4	7	4	4	1	1	3	17	0	20	44			2
White-throated Kingfisher	4	2	3	2				0	2	1	0	0	0	2	3	2	0	5	19			1
Black-capped Kingfisher	0	0	2					0		1	0	0	0	0	0	0	2	2	3			1
Red-billed Starling	0	0						0		0	0	0	0	0	0	0	0	0	0			
Collared Crow	0	0						2		0	16	1	0	0	2	19	0	21	21			3