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**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme
2007 - 08**

**Monthly Waterbird Monitoring
Summer 2007 Report**



Submitted by
The Hong Kong Bird Watching Society Ltd.
Approved Charitable Institution of a Public Character
to Agriculture, Fisheries & Conservation Department

Hong Kong SAR Government

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Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Waterbird Count Coordinator

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Report available for public information

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	Counts of waterbird in September 2007

Summer 2007 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 2007 Report

1. Introduction

Comprehensive counts of waterbirds in the Deep Bay area were first carried out as part of an Asian 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 was 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 contract funded by AFCD. 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. a summer report covering the period from April to September, and the winter report from October to March. This report concerns the summer period of 2007 under contract reference no. AFCD/SQ/19/07 during the period 2007-08.

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 waterbird counts were scheduled on 8th April, 6th May, 17th June, 15th July, 12th August and 9th September during the 2007 summer. Coverage was complete in the Ramsar Site area, while the count of the area of Deep Bay C, D, E, Lau Fau Shan

to Nim Wan in June was incomplete due to vehicle breakdown. Other areas including the Hong Kong Wetland Park at Tin Shui Wai and Futian National Nature Reserve at Shenzhen, China were completely covered in this summer. The total numbers of waterbirds recorded in the whole Deep Bay area were 17,545 (April), 9,630 (May), 1,657 (June), 2,518 (July), 4,361 (August), and 8,170 (September) (Figure 1), while the equivalent figures in the Mai Po Inner Deep Bay Ramsar Site were 8,952, 7,443, 501, 980, 2,692 and 4,262 (figure 2). Counts in the whole Deep Bay area in April, May and September are the new high figures for that months, while the counts of the Ramsar Site in June and July are the new low numbers since the commencement of the programme in 1998.

Figure 1. Waterbird numbers in summer in Deep Bay area from 1998 to 2007.

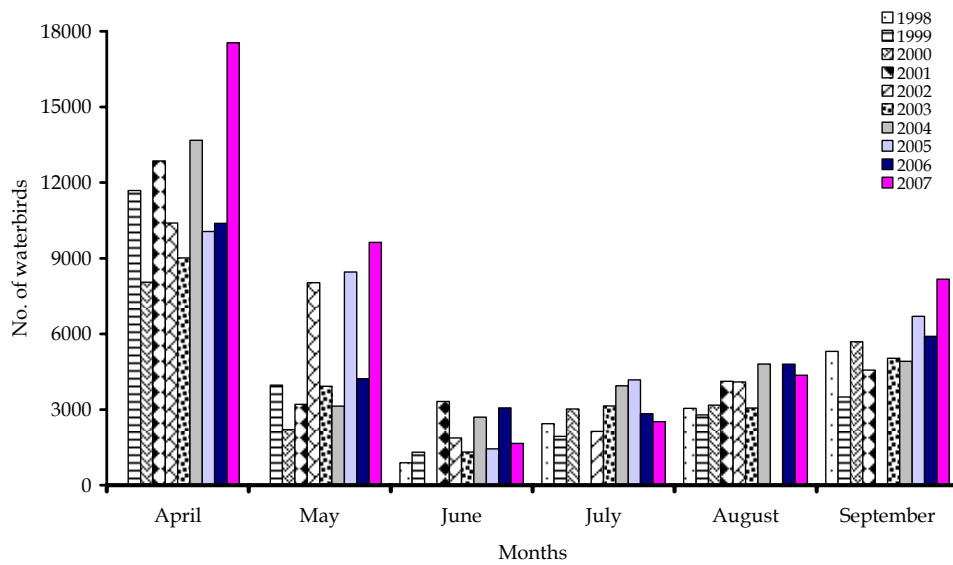
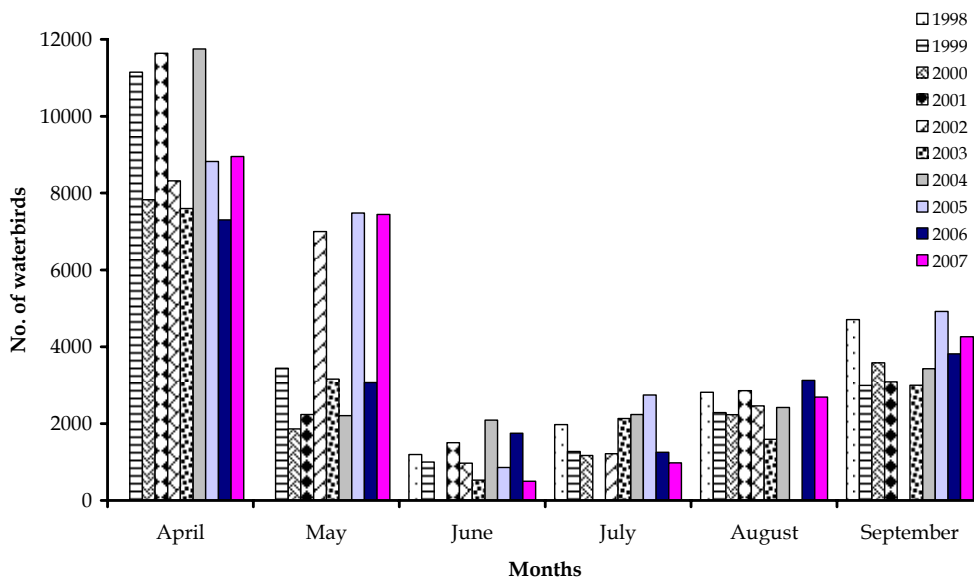


Figure 2. Waterbird numbers in summer in Ramsar Site from 1998 to 2007.



All counts in summer months since 1998 are listed in Table 1a and 1b. Details of counts in summer 2007 were reported in the monthly summaries which are available from the Waterbird Monitoring Programme website at:

<http://www.hkbws.org.hk/phpBB2/dload.php>

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

3.1 Great Cormorant

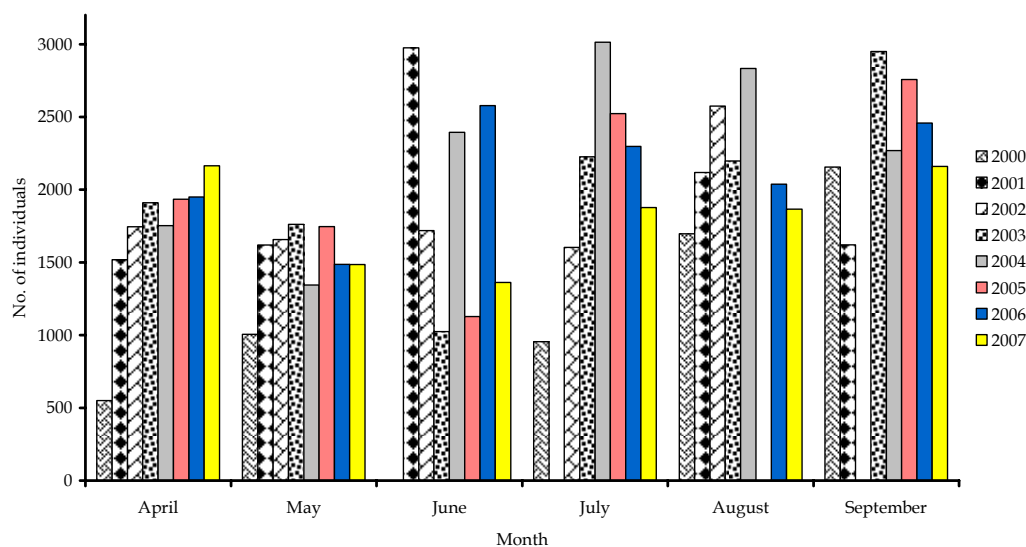
Great Cormorants were recorded only twice in April (two birds) and May (only one) counts in this summer. Several over-summering individuals were also recorded in recent summers (e.g. Anon 2004, 2005, 2006).

3.2 Ardeids

In 2007 summer, the peak of Ardeids count of 2,164 was recorded in April. Numbers remained fewer than 2,000 from May to August and returned to 2,159 in September count (Figure 3). The most numerous species is Little Egret (maximum count: 1,194 in September) and the Great Egret is the second highest one (maximum count: 547 in July). Chinese Pond Heron, which is of locally conservation importance, had a peak of 244 individuals in September. Ardeids comprised the largest group of waterbird in the Deep Bay area during the summer.

An egretty count was also undertaken in the summer to monitor ardeid breeding populations in Hong Kong under this Waterbird Monitoring Programme. Further details can be found in the Egretty Report published later this year.

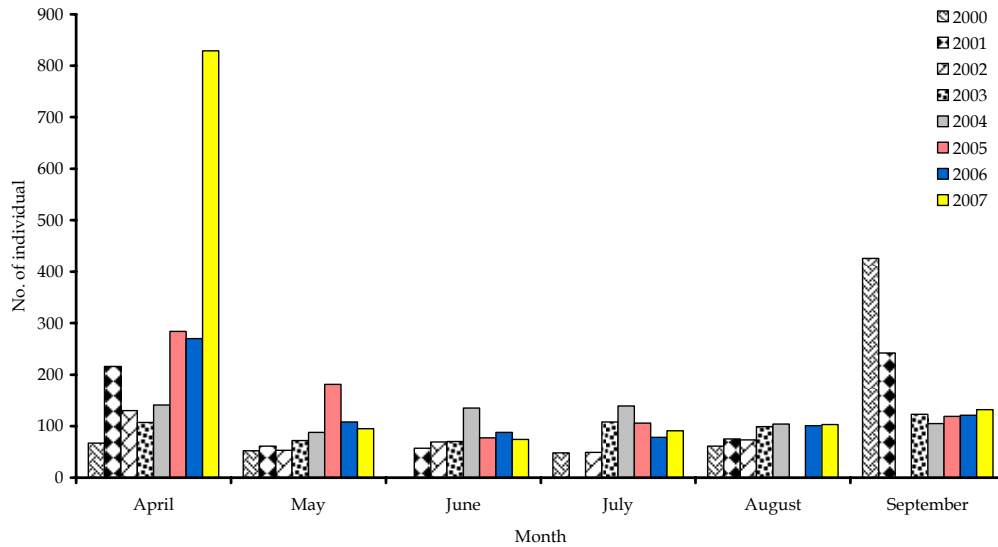
Figure 3. Numbers of Ardeids in Deep Bay area in summer months (2000-2007).



3.3 Ducks, Grebes, Pelicans

Peak number of this group was 829 individuals recorded in April and numbers remained low and similar (from 74 to 132 individuals) throughout the rest of the summer. Date of the April count was in early part of the month and some wintering ducks were present in the Deep Bay area. A few individuals of Common Teal and Northern Shoveler which are winter visitors remained in the Deep Bay area in this summer, while the resident Spot-billed Duck was not recorded in this summer. Spot-billed Duck has greatly declined in numbers in the past 15 years, though the causes are unclear. Figure 4 shows the figures of this group in summer since 2000.

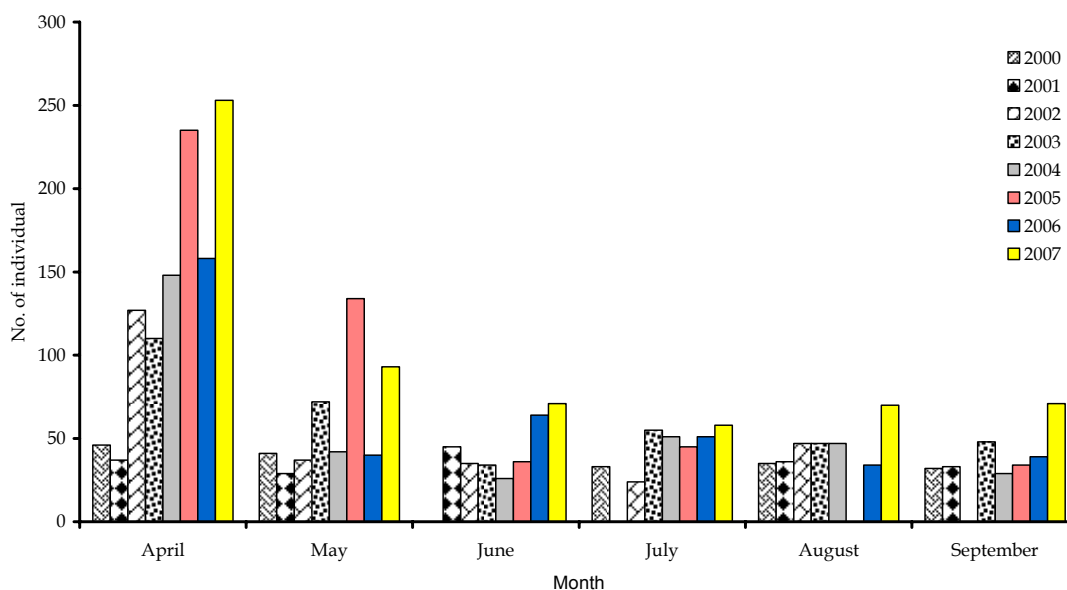
Figure 4. Numbers of Ducks and Grebes in Deep Bay area in summer months (2000-2007).



3.4 Rails and Coots

Numbers of this group are usually from two common resident species in summer months: White-breasted Waterhen and Common Moorhen. All figures of this group in this summer also refer to these two species, except for a sole Eurasian Coot recorded in the April count. The peak count of this group was 253 in the April count which is also the highest since 2000, while the counts in other months are in similar level (figure 5).

Figure 5. Numbers of Rail and Coots in Deep Bay area in summer months (2000-2007).

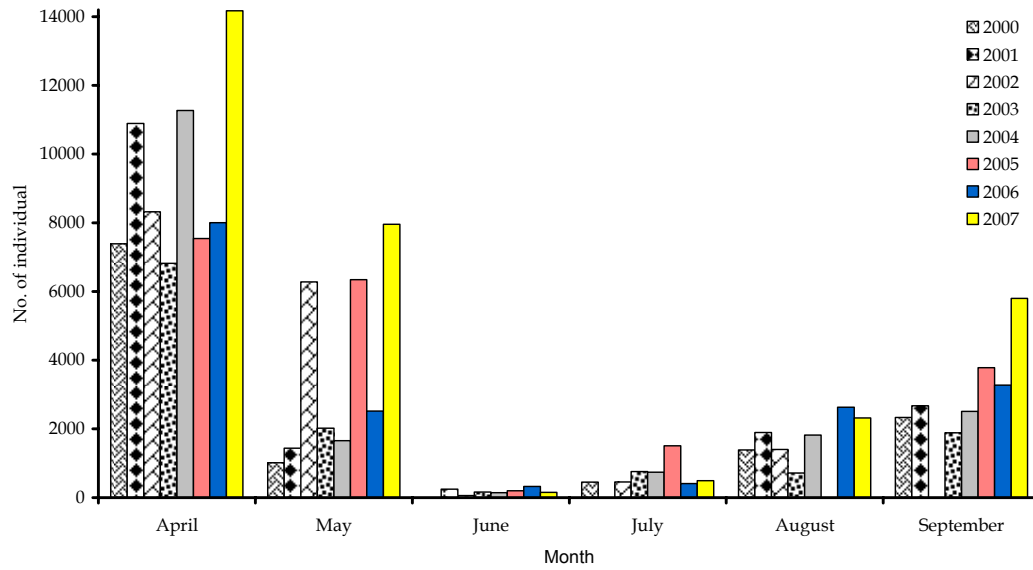


3.5 Shorebirds

Large numbers of shorebirds pass through Hong Kong in spring and so the April count is usually high. This year the peak count was 14,174 from the April count which is the highest count in April since 2000 and 26% more than the previous high count of 11,272 in April 2004. This large number was caused by the presence of wintering Pied Avocets (4,500 individuals) and passage Black-tailed Godwits (1,662) and Marsh Sandpipers (1,837). Shorebird numbers in the May count also reached a new high figure at 7,956 individuals, a 25% increase from the previous high of 6,347. Dates of conducting the waterbird count in April and May were in the early part of each month and this no doubt contributed to the higher numbers of shorebirds. More details of the numbers of the passage shorebirds are contained in the Shorebird Monitoring Report (Anon. 2007). Numbers of this group reached to the lowest level in June and rose again from July to September as southward migration occurred. For details refer to figure 6.

Black-winged Stilt and Greater Painted-snipe established a breeding population in the Mai Po Nature Reserve in the last few years. This summer the Black-winged Stilts still bred but the Greater Painted-snipe was not found in the reserve from the summer counts.

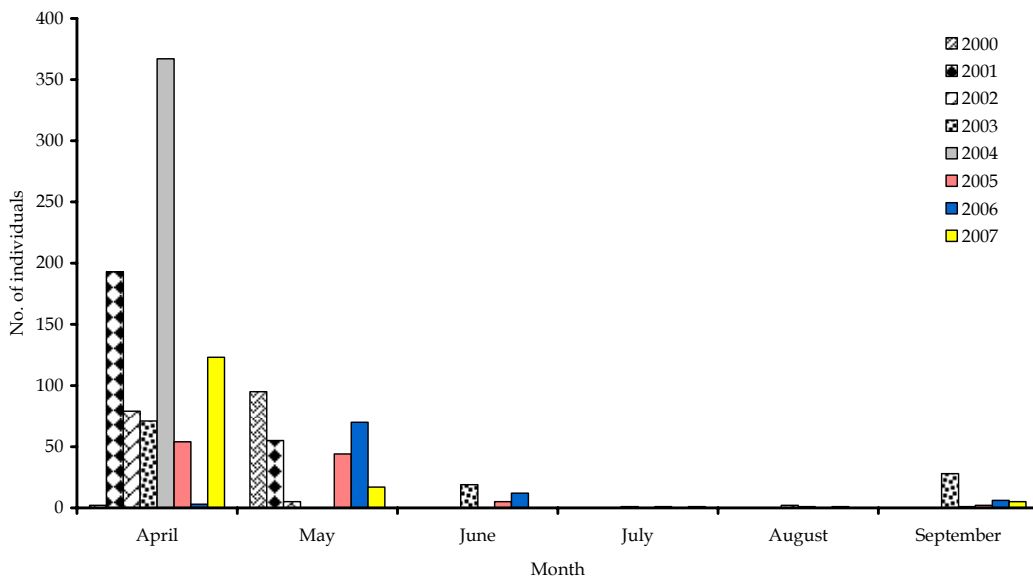
Figure 6. Numbers of Shorebirds in Deep Bay area in summer months (2000-2007).



3.6 Gulls and Terns

The peak count of this group was 123 individuals in the April count, which mainly comprised a total of 85 passage Gull-billed Terns. Numbers remained relatively low from one to seventeen birds throughout the summer. Figure 7 illustrates the figures of this group since 2000.

Figure 7. Numbers of Gulls and Terns in Deep Bay area in summer months (2000-2007).



3.7 Globally threatened species

Several globally threatened waterbird species were recorded in this summer period as follows:

Chinese Egret *Egretta eulophotes* (globally vulnerable) – two in April;

Black-faced Spoonbill *Platalea minor* (globally endangered) – 104 birds in April, 63 in May, 15 in June, 12 in July, August and September. This group of twelve individuals remaining in the Deep Bay area throughout this summer is the highest record at this time, and the group was still present in the October count.

Nordmann's Greenshank *Tringa guttifer* (globally endangered) – 46 in April and two in May. The count of 46 birds in the April count was a higher, compared to recent years.

[Spoon-billed Sandpiper *Eurynorhynchus pygmeus* (globally endangered) – none in the monthly waterbird count;]

Asian Dowitcher *Limnodromus semipalmatus* (globally near threatened) – one bird in April, 116 birds in May, one again in August and September. The figure from the May count was also a high number in recent years.

4. Discussion

Three counts this summer had new high figures of the total numbers of waterbirds in the whole Deep Bay area, indicating that the waterbird abundance in the whole area might have an increase. Shrink of egrettries within the Ramsar Site area might cause the decline of numbers of total waterbird numbers in the area because Ardeids are the major component of the waterbirds present in the area in summer months. In general, the trend of waterbird numbers in summer is still unclear due to fluctuation of numbers and continuous monitoring is essential to establish a clearer trend.

5. Acknowledgements

Thank you for the following counters of the Hong Kong Bird Watching Society participated in the counts: John Allcock, Aukie Au, Mike Chalmers, Fion Cheung, Forrest Fong, Vivian Fu, Martin Hale, John and Jemi Holmes, Tony Hung, Hung Wai-ming, Alan Lam, Shirley Lam, Law King-wai, Lee Hok-fei, Richard Lewthwaite, Karl Ng, Pang Chun-chiu, Samson So, Sung Yik-hei, Mike Turnbull, Captain Lun-cheong Wong and Ying hak-king. We also thank Dong Wenxiao of Shenzhen Bird Watching Society (SZBWS) for arrangement of counts and SZBWS members for counting at Futian National Nature Reserve, AFCD for counting at the Hong Kong Wetland Park.

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Maps

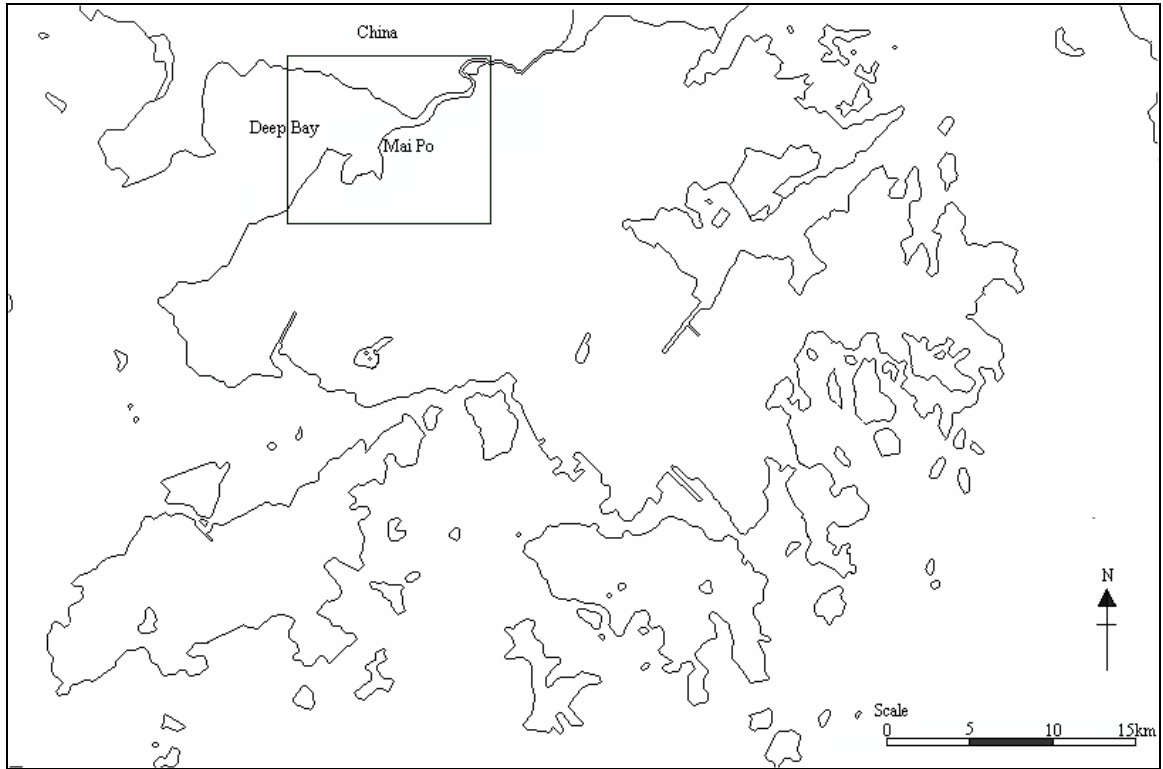


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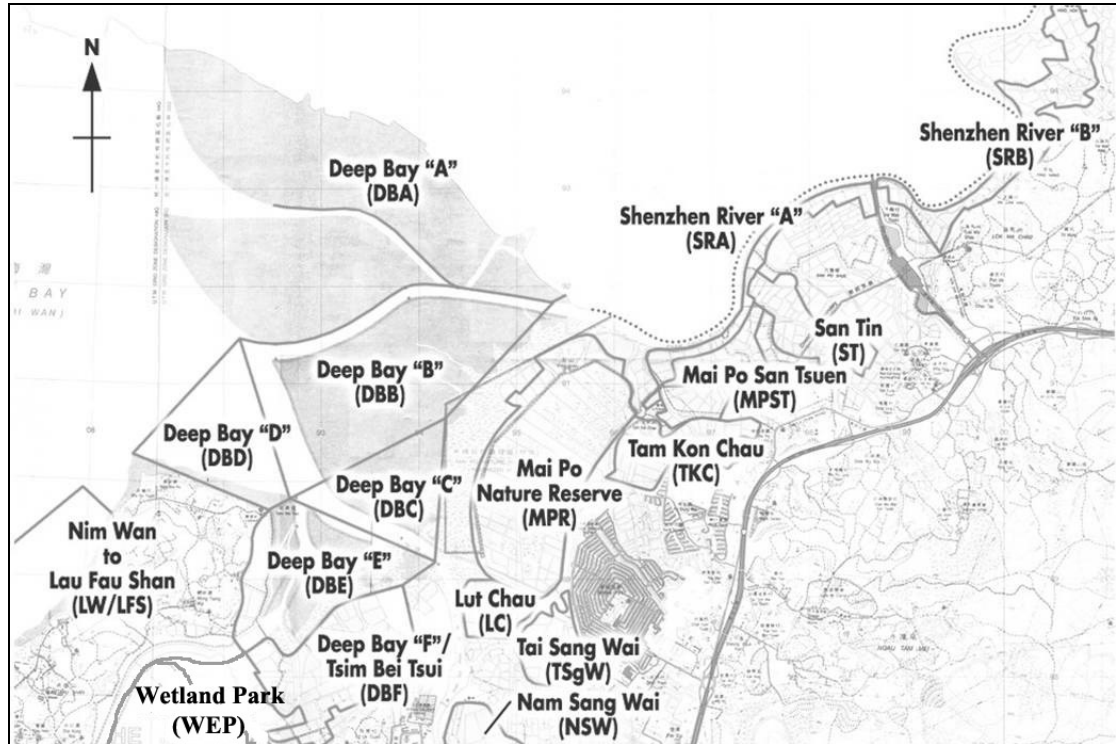


Agriculture, Fisheries and Conservation Department

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 2007 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Tables



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Table 1a. Numbers of waterbird in the whole Deep Bay area during summer months, 1998-2007.

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Mean	SD
Apr	nc	11686	8049	12858	10399	9019	13681	10067	10388	17545	11521	2867
May	nc	3973	2206	3201	8028	3925	3133	8455	4227	9630	5198	2728
Jun	891	1307	nc	3324	1879	1313	2697	1445	3065	1657	1953	864
Jul	2439	1941	3020	nc	2135	3145	3945	4179	2835	2518	2906	764
Aug	3047	2784	3178	4124	4096	3060	4807	nc	4802	4361	3807	795
Sep	5303	3499	5689	4566	nc	5032	4916	6695	5899	8170	5530	1333

nc: no count

Table 1b. Numbers of waterbird in the Ramsar Site during summer months, 1998-2007.

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Mean	SD
April	nc	11148	7826	11638	8319	7595	11748	8823	7301	8952	9261	1776
May	nc	3438	1862	2238	7000	3153	2302	7482	3069	7443	4210	2381
June	1194	999	nc	1500	967	527	2092	859	1748	501	1154	538
July	1976	1273	1173	nc	1217	2133	2237	2748	1255	980	1666	617
Aug	2817	2287	2232	2858	2463	1588	2420	nc	3125	2962	2498	449
Sep	4705	2994	3580	3087	nc	3001	3450	4920	3816	4262	3755	729

nc: no count

Table 2. Summary of waterbird count for April 2007.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	2	0.0	0	0.0	1	0
Ardeids	2164	12.3	1118	12.5	114	317
Ducks, grebes, pelicans	829	4.7	297	3.3	0	25
Rails and coot	253	1.4	107	1.2	4	7
Shorebirds	14174	80.8	7325	81.8	3	5
Gulls and terns	123	0.7	105	1.2	0	0
Total	17545	100	8952	100	122	354

SW: Shuen Wan, SI: Starling Inlet

Table 3. Summary of waterbird count for May 2007.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	1	0.0	1	0.0	0	0
Ardeids	1468	15.2	769	10.3	169	223
Ducks, grebes, pelicans	95	1.0	36	0.5	0	7
Rails and coot	93	1.0	26	0.3	1	3
Shorebirds	7956	82.6	6601	88.7	4	11
Gulls and terns	17	0.2	10	0.1	0	0
Total	9630	100	9630	100	174	244

SW: Shuen Wan, SI: Starling Inlet

Table 4. Summary of waterbird count for June 2007.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	0	0.0	0	0.0	0	0
Ardeids	1362	82.2	348	69.5	129	208
Ducks, grebes, pelicans	74	4.5	31	6.2	0	4
Rails and coot	71	4.3	13	2.6	3	0
Shorebirds	150	9.1	109	21.8	0	0
Gulls and terns	0	0.0	0	0.0	0	0
Total	1657	100	501	100	132	212

SW: Shuen Wan, SI: Starling Inlet

Table 5. Summary of waterbird count for July 2007.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	0	0.0	0	0.0	nc	0
Ardeids	1877	74.5	706	72.0	nc	87
Ducks, grebes, pelicans	91	3.6	45	4.6	nc	9
Rails and coot	58	2.3	30	3.1	nc	1
Shorebirds	491	19.5	198	20.2	nc	2
Gulls and terns	1	0.0	1	0.1	nc	0
Total	2518	100	980	980	nc	99

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

Table 6. Summary of waterbird count for August 2007.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	0	0.0	0	0.0	nc	0
Ardeids	1866	42.8	692	25.7	nc	200
Ducks, grebes, pelicans	103	2.4	56	2.1	nc	13
Rails and coot	70	1.6	30	1.1	nc	3
Shorebirds	2322	53.2	1914	71.1	nc	1
Gulls and terns	0	0.0	0	0.0	nc	0
Total	4361	100	2692	100	nc	217

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

Table 7. Summary of waterbird count for September 2007.

	Deep Bay Area	%	Ramsar Site	%	SW	SI
Cormorants	0	0.0	0	0.0	0	0
Ardeids	2159	26.4	1122	26.3	115	59
Ducks, grebes, pelicans	132	1.6	68	1.6	0	0
Rails and coot	71	0.9	17	0.4	0	1
Shorebirds	5803	71.0	3050	71.6	3	1
Gulls and terns	5	0.1	5	0.1	0	0
Total	8170	100	4262	100	118	61

SW: Shuen Wan, SI: Starling Inlet

Table 8. Numbers of waterbird species groups in whole Deep Bay area, summer 2007.

	April	May	June	July	August	September
Cormorants	2	1	0	0	0	0
Ardeids	2164	1486	1362	1877	1866	2159
Ducks, grebes, pelicans	829	95	74	91	103	132
Rails and coot	253	93	71	58	70	71
Shorebirds	14174	7956	150	491	2322	5803
Gulls and terns	123	17	0	1	0	5

Summer 2007 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Appendices



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Agriculture, Fisheries and Conservation Department

Summary of Waterbird Count, April 2007

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	9	9					25		3	4	0	5	1	10	38	28	1	67	137		10
Great Crested Grebe			62	4												0		4	4	66		
Great Cormorant	0	0	2					0			0	0	0	0	0	0	0	0	0	2		
Dalmatian Pelican																0			0	0		
Grey Heron	57	1	23	4	3	1	1	4		75	0	0	4	0	37	129	5	12	146	339		8
Purple Heron																2			2	2		
Great Egret	21	9	137	81	23	2	29	54	2	2	12	8	7	9	2	82	83	141	306	480		172
Intermediate Egret	4	0	3	22				2		1	0	0	0	0	0	7	2	22	31	39		1
Little Egret	30	56	155	86	38	7	48	59	28	14	41	18	63	19	38	94	179	181	454	794		51
Swinhoe's Egret#				2												0		2	2	2		
Pacific Reef Egret																0			0	0		
Cattle Egret	43	0	2					1	1	4	17	8	5	21	3	3	53	0	56	108		26
Chinese Pond Heron	12	9	26	8		1		2	8		26	3	7	5	39	2	42	9	53	148		2
Striated Heron	0	0						0			0	0	0	0	0	0	0	0	0	0		
B-c Night Heron	0	0	139					0	1		0	0	0	1	0	3	1	0	4	144		57
Yellow Bittern	0	0						1			0	0	0	0	0	0	0	0	0	1		
Cinnamon Bittern										1						0			0	1		
Great Bittern																1			1	1		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill																1			1	1		
Black-faced Spoonbill	18		17							7						62	29*		62	104		
Common Shelduck																0			0	0		
Eurasian Wigeon	0	0	59	129		18		0	5		0	0	0	0	0	16	0	147	163	227		
Falcated Duck#				8												0		8	8	8		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	0	0						0			0	0	0	0	0	0	0	0	0	0		15
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill	2															0			0	2		
Burmese Spotbill																0			0	0		
Northern Pintail			4	5												3		5	8	12		
Garganey			67								2					25	2		27	94		
Northern Shoveler			263	1												2		1	3	266		
Common Pochard																0			0	0		
Baer's Pochard																0			0	0		
Tufted Duck																17			17	17		
Greater Scaup																0			0	0		
Red-breasted Merganser																0			0	0		
Duck sp.																0			0	0		
Slaty-breasted Rail																0			0	0		
Water Rail										1						0			0	1		
White-breasted Waterhen	5	1	12	2				0		1	5	0	1	2	2	1	10	2	13	32		
Watercock																0			0	0		
Common Moorhen	21	17	56					13		24	14	2	0	5	0	67	26	0	93	219		7
Eurasian Coot																1			1	1		
Pheasant-tailed Jacana																0			0	0		

Greater Painted Snipe														0			0	0		
Black-winged Stilt	16		624						2				5	145			145	792		
Pied Avocet			931*	4500										0	4500		4500	4500		
Oriental Pratincole		10												5			5	15		
Northern Lapwing														0			0	0		
Grey-headed Lapwing														1			1	1		
Pacific Golden Plover		2	1	29				14						0	14	29	43	46		
Grey Plover														20			20	20		
Common Ringed Plover														0			0	0		
Little Ringed Plover	26	10	4			35	1	4	12	0	0	0	0	3	56	0	59	95		
Kentish Plover		2												8			8	10		
Lesser Sand Plover			3	11										0	11		11	14		
Greater Sand Plover		1		32										0	32		32	33		
Black-tailed Godwit			1662											1247*			0	1662		
Bar-tailed Godwit														114			114	114		
Whimbrel			1											0	1		1	1		
Eurasian Curlew														50			50	50		
Far Eastern Curlew														5			5	5		
Spotted Redshank			648					79						718*			0	727		
Common Redshank			1057					2						47			47	1106		
Marsh Sandpiper	1	2	1173					25						636			636	1837		
Common Greenshank			967					147						903*			0	1114		
Nordmann's Greenshank														46			46	46		
Green Sandpiper	6	5				2		7	1	1	0	0	1	9	0		10	23		
Wood Sandpiper	170	69	27			110		11	42	1	3	0	9	51	186	0	237	493		
Terek Sandpiper				64										0		64	64	64		
Common Sandpiper	11	21	11			4	5	7	3	16	6	1	6	4	0	25	4	29	95	2
Grey-tailed Tattler														0			0	0		
Ruddy Turnstone														2			2	2		
Red-necked Phalarope														0			0	0		3
Pintail Snipe														0			0	0		
Swinhoe's Snipe														0			0	0		
Pintail/Swinhoe's Snipe	1	9												0			0	10		
Common Snipe		3							4					0			0	7		
Long-billed Dowitcher			1											1			1	2		
Asian Dowitcher														1			1	1		
Red Knot														3			3	3		
Great Knot			340											0	340		340	340		
Sanderling														0			0	0		
Red-necked Stint		10												34			34	44		
Little Stint														0			0	0		
Temminck's Stint	12	1				9		9						0	18		18	31		
Long-toed Stint						6								0	6		6	6		
Pectoral Sandpiper														0			0	0		
Sharp-tailed Sandpiper				7										0		7	7	7		
Dunlin														0			0	0		
Curlew Sandpiper			3	840										0	840		840	843		
Spoon-billed Sandpiper														0			0	0		
Broad-billed Sandpiper			3											8			8	11		
Ruff			2											2			2	4		
Small wader spp.														0			0	0		
Wader sp.														0			0	0		
Black-tailed Gull														0			0	0		

Heughin'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	4		4	3		0	8		0	0	1	0	0	3	1	7	11	23		
Saunders's Gull																0			0	0		
Whiskered Tern													1			0	1		1	1		
White-winged Tern																0			0	0		
Gull-billed Tern						6										79			79	85		
Caspian Tern																14			14	14		
Total	489	247	7226	6176	68	32	88	328	75	413	204	47	98	70	149	1835	747	6370	8952	17545	0	354
	Deep Bay Area	%	Ramsar Site	%	SW	SI																
Cormorants	2	0.0	0	0.0	0	0																
Ardeids etc	2164	12.3	1118	12.5	0	317																
Ducks, grebes, pelicans	829	4.7	297	3.3	0	25																
Rails, Coot etc	253	1.4	107	1.2	0	7																
Waders	14174	80.8	7325	81.8	0	5																
Gulls and terns	123	0.7	105	1.2	0	0																
TOTAL	17545		8952		0	354																
Date of count: 8 Apr																						
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																						
Counts with asterisks would possibly be involved to the same flock in other area.																						
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		2						1							5			5	9		
Black Kite	1	3						3	1		0	1	1	2	0	3	7	0	10	15		
White-bellied Sea Eag																0			0	0		
Eastern Marsh Harrier	1														1*	0			0	1		
Common Buzzard			2													0			0	2		
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	5	4					1	5	3	0	2	0	0	0	4	3	0	7	25		3
Common Kingfisher	1	7	4					2	3	1	1	1	2	1	1	5	6	0	11	29		4
White-throated Kingfisher	1	3	3					4	4		0	0	0	0	0	2	4	1	7	18		
Black-capped Kingfisher	0	0						0	4		0	0	0	0	0	1	0	0	1	5		
Red-billed Starling	6	1						0			0	0	0	0	0	12	6	0	18	19		
Collared Crow	2	0	3					0			0	47	0	0	0	12	47	0	59	64		2
Grey-faced Buzzard		28																				
Japanese Sparrowhawk	1																					

Summary of Waterbird Count, May 2007

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	WEP	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	25	6						34	1		13	0	5	3	4	4	32	0	36	95		7
Great Crested Grebe																0			0	0		
Great Cormorant	0	0						0			0	0	0	0	0	1	0	0	1	1		
Dalmatian Pelican																0			0	0		
Grey Heron	8	0	1					0	2		0	1	0	0	0	34	1	0	35	46	1	2
Purple Heron																0			0	0		
Great Egret	5	12	62	4	58	16	14	70	3	10	7	2	21	3	8	80	100	92	272	375	120	123
Intermediate Egret	0	0		2				0	1		1	1	0	0	0	9	2	2	13	14		
Little Egret	10	12	141	76	74	12	5	22	2	18	34	14	19	12	26	44	85	167	296	521	36	18
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	13	8	6					1			2	5	35	6	0	0	21	0	21	76		42
Chinese Pond Heron	10	21	36	10		1		4	3	3	38	3	1	3	4	5	36	11	52	142	1	2
Striated Heron	0	1	4					0			0	0	0	0	0	0	0	0	0	5		
B-c Night Heron	3	1	196					2	3	1	0	0	1	1	0	15	5	0	20	223	11	36
Yellow Bittern	0	0						0	2		0	0	0	1	0	0	1	0	1	3		
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									4							59			59	63		
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	8	2	11			2		1	1		3	1	0	2	0	0	7	2	9	31	1	2
Watercock																0			0	0		
Common Moorhen	19	2	21					2	5		2	0	0	2	0	9	8	0	17	62		1
Eurasian Coot																0			0	0		
Pheasant-tailed Jacana																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	1		0	0	0	0	0	3	0	0	3	4		
Saunders's Gull																0			0	0		
Whiskered Tern	1	5														0			0	6		
White-winged Tern																0			0	0		
Gull-billed Tern													1			6	1		7	7		
Caspian Tern																0			0	0		
Total	264	124	1422	92	132	31	19	141	77	43	199	38	104	37	85	6822	347	274	7443	9630	174	244
	Deep Bay Area	%	Ramsar Site	%	SW	SI																
Cormorants	1	0.0	1	0.0	0	0																
Ardeids etc	1468	15.2	769	10.3	169	223																
Ducks, grebes, pelicans	95	1.0	36	0.5	0	7																
Rails, Coot etc	93	1.0	26	0.3	1	3																
Waders	7956	82.6	6601	88.7	4	11																
Gulls and terns	17	0.2	10	0.1	0	0																
TOTAL	9630		7443		174	244																
Date of count: 6 May 2007																						
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)	WEP	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	3					4			1	4	1	0	2	2	8	0	10	17	3	
White-bellied Sea Eag																0			0	0	3	
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	0	4	7					0	3		2	0	0	2	0	2	4	0	6	20		
Common Kingfisher	1	2	2					4	1		3	0	0	1	0	0	5	0	5	14	2	
White-throated Kingfisher	1	0						0			0	0	0	0	0	0	0	0	0	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	6					7	1		0	20	2	0	0	4	29	0	33	40	2	
Bonelli's Eagle												1										
Crested Serpent Eagle																						2

Summary of Waterbird Count, June 2007

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	27	3						15			1	0	0	5	7	11	15	0	26	69		4
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	10	0						0		1	0	0	0	0	1	8	0	0	8	20	2	
Purple Heron																2			2	2		
Great Egret	12	12	85					16		4	4	9	15	21	4	19	59	2	80	201	90	85
Intermediate Egret	3	0						0		2	0	0	0	0	0	1	0	0	1	6		
Little Egret	5	14	363					73		2	15	12	8	6	7	9	100	4	113	514	31	12
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	24	5	22					0			4	6	5	0	2	24	11	0	35	92		79
Chinese Pond Heron	12	14	19					4		2	10	8	3	8	17	0	23	1	24	97	3	
Striated Heron	0	0	3					0			0	0	1	0	0	21	0	0	21	25		
B-c Night Heron	1	7	327					10			4	1	8	6	1	20	29	0	49	385	3	32
Yellow Bittern	0	0	3					0		2	0	0	0	0	0	0	0	0	0	5		
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																15			15	15		
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	3	0	0	3	3		
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																1			1	1		
Common Pochard																0			0	0		
Baer's Pochard																0			0	0		
Tufted Duck																1			1	1		
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	13	10					1		3	6	0	2	0	0	5	8	0	13	49	3	
Watercock																0			0	0		
Common Moorhen	0	0	22					0			0	0	0	0	0	0	0	0	0	22		
Eurasian Coot																0			0	0		
Pheasant-tailed Jacana																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																0			0	0		
Gull-billed Tern																0			0	0		
Caspian Tern																0			0	0		
Total	104	68	894	n/c	n/c	n/c	n/c	119	n/c	16	44	37	46	46	40	243	251	7	501	1657	132	212
	Deep Bay Area	%	Ramsar Site	%	SW	SI																
Cormorants	0	0.0	0	0.0	0	0																
Ardeids etc	1362	82.2	348	69.5	129	208																
Ducks, grebes, pelicans	74	4.5	31	6.2	0	4																
Rails, Coot etc	71	4.3	13	2.6	3	0																
Waders	150	9.1	109	21.8	0	0																
Gulls and terns	0	0.0	0	0.0	0	0																
TOTAL	1657		501		132	212																
Date of count: 17 June 2007																						
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						2			0	2	0	0	4	0	3	0	3	8	5	
White-bellied Sea Eag																0			0	0	2	
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	0	3	2					3		2	0	2	0	0	0	1	5	0	6	13		2
Common Kingfisher	2	1	1					1		3	1	0	0	0	1	0	2	0	2	10	1	
White-throated Kingfisher	0	3	1					0		2	0	1	0	0	1	0	1	0	1	8	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					8			0	12	2	0	2	10	22	0	32	35	9	
Bonelli's Eagle																						2

Summary of Waterbird Count, July 2007

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	20	12						10		5	0	9	1	5	25	16	0	41	87		9
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	1	0						1		0	0	1	0	0	6	2	0	8	9		
Purple Heron	1														0			0	1		
Great Egret	28	14	132	40	75			6	108	7	15	7	11	6	98	31	115	244	547		45
Intermediate Egret	0	0						0		0	1	0	0	0	2	1	0	3	3		1
Little Egret	33	20	323	19	13			42	2	18	18	30	18	13	127	115	32	274	676		7
Swinhoe's Egret															0			0	0		
Pacific Reef Egret															0			0	0		
Cattle Egret	37	1	48	3				0		2	0	0	0	0	28	1	3	32	119		8
Chinese Pond Heron	49	18	32	1				8		21	19	5	12	23	14	83	1	98	202		2
Striated Heron	0	0						0		0	0	0	0	0	8	0	0	8	8		
B-c Night Heron	1	5	264		3			1		1	0	2	2	1	16	6	3	25	296		24
Yellow Bittern	0	0	1					1		0	0	0	1	0	1	1	0	2	4		
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															12			12	12		
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	3	0	0	3	3		
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															1			1	1		
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	6	2	7	6				0	3	5	1	2	3	2	9	13	6	28	46		1
Watercock															0			0	0		
Common Moorhen	0	0	10	2				0		0	0	0	0	0	0	0	2	2	12		
Eurasian Coot															0			0	0		
Pheasant-tailed Jacana															0			0	0		

Greater Painted Snipe			1													0			0		1		
Black-winged Stilt			38													2			2		40		
Pied Avocet																0			0		0		
Oriental Pratincole																0			0		0		
Northern Lapwing																0			0		0		
Grey-headed Lapwing																1			1		1		
Pacific Golden Plover																0			0		0		
Grey Plover																0			0		0		
Common Ringed Plover																0			0		0		
Little Ringed Plover	7	6	5				5		0	0	0	0	13	0	5	0		5		36			
Kentish Plover																0			0		0		
Lesser Sand Plover																0			0		0		
Greater Sand Plover				1												0			0		1		
Black-tailed Godwit																10			10		10		
Bar-tailed Godwit																0			0		0		
Whimbrel																0			0		0		
Eurasian Curlew																27			27		27		
Far Eastern Curlew																2			2		2		
Spotted Redshank																0			0		0		
Common Redshank			46													8			8		54		
Marsh Sandpiper			2													0			0		2		
Common Greenshank			6													97			97		103		
Nordmann's Greenshank																0			0		0		
Green Sandpiper	0	0		1			0	0	1	0	0	0	0	1	1			2		2			
Wood Sandpiper	8	0	130				0	0	0	1	0	8	31	1	0			32		178			
Terek Sandpiper																0			0		0		
Common Sandpiper	3	7	10	2	3		2	1	1	1	1	1	0	5	5		10		32			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		
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		

Heughin'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	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	194	85	1055	74	95	Combined in DBC	Combined in OBC	76	113	60	56	58	49	72	531	281	168	980	2518	0	99
	Deep Bay Area	%	Ramsar Site	%	SW	SI															
Cormorants	0	0.0	0	0.0	0	0															
Ardeids etc	1877	74.5	706	72.0	0	87															
Ducks, grebes, pelicans	91	3.6	45	4.6	0	9															
Rails, Coot etc	58	2.3	30	3.1	0	1															
Waders	491	19.5	198	20.2	0	2															
Gulls and terns	1	0.0	1	0.1	0	0															
TOTAL	2518		980		0	99															
Date of count: 15 July 2007																					
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	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Osprey															0			0	0		
Black Kite	0	0						0		1	3	1	0	3	0	5	0	5	8		1
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	0	6						0		0	1	0	0	0	0	1	0	1	7		
Common Kingfisher	4	4	2					2		2	1	0	1	4	0	6	0	6	20		2
White-throated Kingfisher	6	4	2					2		1	0	0	0	2	0	6	0	6	17		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	2					0		0	30	0	1	1	0	31	0	31	34		
Bonelli's Eagle		2																			

Summary of Waterbird Count, August 2007

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	WEP	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	25	8						23			12	0	15	2	5	12	43	0	55	102		13
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	5	0						0	1		0	0	0	0	0	23	1	0	24	29		
Purple Heron																0			0	0		
Great Egret	35	10	110		30	23	2	40	4	10	19	5	4	23	6	29	74	63	166	350		62
Intermediate Egret	4	0						0	1		0	0	0	0	0	0	0	0	0	5		3
Little Egret	42	29	410		100	32	33	37	4	43	62	39	14	5	17	21	110	171	302	888		35
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	29	3	7				35	1	4		4	0	3	9	0	0	13	35	48	95		51
Chinese Pond Heron	43	16	31					12	8	8	19	10	2	18	33	10	66	0	76	210		6
Striated Heron	0	0						0			0	0	0	0	1	5	0	0	5	6		1
B-c Night Heron	9	18	181		1	1	1	0		1	5	1	0	8	2	41	15	3	59	269		42
Yellow Bittern	0	0						0	2		0	0	0	0	0	0	0	0	0	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																12			12	12		
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	1	0	0	1	1		
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	8	6	1					5	5	3	6	0	1	1	5	13	12	0	25	54		3
Watercock																0			0	0		
Common Moorhen	0	0	11					2			0	0	0	0	0	3	1	1	5	16		
Eurasian Coot																0			0	0		
Pheasant-tailed Jacana																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	0		
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	272	139	921	0	134	56	71	125	93	78	150	59	43	75	107	2038	377	277	2692	4361	0	217	
	Deep Bay Area	%	Ramsar Site	%	SW	SI																	
Cormorants	0	0.0	0	0.0	0	0																	
Ardeids etc	1866	42.8	692	25.7	0	200																	
Ducks, grebes, pelicans	103	2.4	56	2.1	0	13																	
Rails, Coot etc	70	1.6	30	1.1	0	3																	
Waders	2322	53.2	1914	71.1	0	1																	
Gulls and terns	0	0.0	0	0.0	0	0																	
TOTAL	4361		2692		0	217																	
Date of count: 12 Aug																							
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)	WEP	NW / LFS	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			
Black Kite	0	1	1					9			0	5	0	0	0	2	11	0	13	18			
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	6	1					0	1		0	0	0	0	3	4	0	0	4	16			
Common Kingfisher	6	3						5	1		8	1	1	3	4	1	17	0	18	33		2	
White-throated Kingfisher	3	1	3					3	3		0	0	0	2	5	3	6	0	9	23		5	
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	1	2					10			0	4	1	0	0	30	12	0	42	48			
Bonelli's Eagle																						1	

Summary of Waterbird Count, September 2007

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	WEP	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	13	26						8	1		12	0	13	0	4	9	19	0	28	86		
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	3	2			12			9		2	1	6	1	1	0	26	12	12	50	63	3	5
Purple Heron																0			0	0		
Great Egret	6	8	187	1	68	8	1	49	3	16	6	0	37	11	9	55	71	101	227	465	52	17
Intermediate Egret	1	0						0	1		0	0	0	0	0	7	0	0	7	9		3
Little Egret	14	66	309	3	143	37	9	272	5	78	56	34	31	15	49	73	339	239	651	1194	56	24
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	0	0	1					58			9	0	0	1	0	0	59	0	59	69		
Chinese Pond Heron	37	40	17		1		2	24	3	11	20	10	21	13	27	18	72	3	93	244	3	7
Striated Heron	0	1	2					0			0	1	0	0	0	2	1	0	3	6		
B-c Night Heron	1	7	50	1				2	6		2	0	6	4	1	3	12	1	16	83	1	3
Yellow Bittern	5	1	1					1	2		1	0	0	0	1	1	2	0	3	13		
Cinnamon Bittern																0			0	0		
Black Bittern								1								0	1		1	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																12		12	12			
Common Shelduck																0			0	0		
Eurasian Wigeon	0	0						0			0	0	0	0	0	0	0	0	0	0		
Falcatied Duck																0			0	0		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	0	0						0			0	0	0	0	0	12	0	0	12	12		
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																20			20	20		
Northern Shoveler			6													8			8	14		
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	6	4	6					3	4	3	3	1	2	0	3	8	7	0	15	43		1
Watercock																0			0	0		
Common Moorhen	0	0	24					0			3	0	0	0	0	1	1	0	2	28		
Eurasian Coot																0			0	0		

Pheasant-tailed Jacana																0			0	0		
Greater Painted Snipe												1				0	1		1	1		
Black-winged Stilt		3	157				29	2		4	2				11	257	33		290	465		
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		
Grey Plover																7			7	7		
Common Ringed Plover																0			0	0		
Little Ringed Plover	7	17	20				2	20	4	29	0	0	0	19	2	31	0	33	120			
Kentish Plover									1							0			0	1		
Lesser Sand Plover																0			0	0		
Greater Sand Plover									1							1			1	2		
Black-tailed Godwit			20													257			257	277		
Bar-tailed Godwit			1													53			53	54		
Whimbrel			3													154			154	157		
Eurasian Curlew																95			95	95		
Far Eastern Curlew																0			0	0		
Spotted Redshank			60													16			16	76		
Common Redshank			260					2								228			228	490		
Marsh Sandpiper			1051													760			760	1811		
Common Greenshank			190					214								874			874	1278		
Nordmann's Greenshank																0			0	0		
Green Sandpiper	1	8					27			15	0	0	0	4	0	42	0	42	55			
Wood Sandpiper	23	7	483				1	56		6	0	0	0	6	117	7	0	124	699			
Terek Sandpiper																7			7	7		
Common Sandpiper	2	19	9	1	1		9	7	12	10	2	3	2	7	0	21	2	23	84		3	1
Grey-tailed Tattler																2			2	2		
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	4	1					1	1						5	0	1		1	12			
Common Snipe	5		7				2									0	2		2	14		
Long-billed Dowitcher																0			0	0		
Asian Dowitcher																1			1	1		
Red Knot																5			5	5		
Great Knot																47			47	47		
Sanderling																0			0	0		
Red-necked Stint			2													6			6	8		
Little Stint																0			0	0		
Temminck's Stint																0			0	0		
Long-toed Stint									6							1	6		7	7		
Pectoral Sandpiper																0			0	0		
Sharp-tailed Sandpiper																2			2	2		
Dunlin																0			0	0		
Curlew Sandpiper																9			9	9		
Spoon-billed Sandpiper																0			0	0		
Broad-billed Sandpiper																0			0	0		
Ruff			1													2			2	3		
Small wader spp.																0			0	0		
Wader sp.			13													0			0	13		

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	0	0		
Saunders's Gull																	0			0	0		
Whiskered Tern													1	4			0	5		5	5		
White-winged Tern																	0			0	0		
Gull-billed Tern																	0			0	0		
Caspian Tern																	0			0	0		
Total	128	210	2880	6	225	45	12	498	327	128	183	56	115	52	146	3159	745	358	4262	8170	118	61	
	Deep Bay Area	%	Ramsar Site	%	SW	SI																	
Cormorants	0	0.0	0	0.0	0	0																	
Ardeids etc	2159	26.4	1122	26.3	115	59																	
Ducks, grebes, pelicans	132	1.6	68	1.6	0	0																	
Rails, Coot etc	71	0.9	17	0.4	0	1																	
Waders	5803	71.0	3050	71.6	3	1																	
Gulls and terns	5	0.1	5	0.1	0	0																	
TOTAL	8170		4262		118	61																	
Date of count: 9 Sep 2007																							
n/c = site not counted																							
# 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)	WEP	NW / LFS	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	3						1			0	1	0	0	0	2	2	0	4	7	70		
White-bellied Sea Eag																0			0	0	2		
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	5	6					7			2	0	0	0	3	2	5	0	7	28			
Common Kingfisher	7	14	4					6	3		12	2	2	0	2	8	17	0	25	60	1	2	
White-throated Kingfisher	5	1	8					6	1		0	2	0	0	2	8	9	0	17	33			
Black-capped Kingfisher	0	0						0			0	0	0	0	0	0	0	0	0	0		1	
Red-billed Starling	0	0						4			0	0	0	0	0	0	4	0	4	4			
Collared Crow	0	2	1					3			0	7	3	2	2	2	11	0	13	22	18		
Black-winged Kite								1															
* Black Kites from Shuen Wan were counted at a roost site at Yim Tin																							