



---

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

---

---

Monthly Waterbird Count Data  
April 2006 – March 2007

---



Hong Kong Bird  
Watching Society



Agriculture, Fisheries and  
Conservation Department

Tender Reference No. AFCD/SQ/16/06

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

---

### Waterbird Count Coordinator

YU Yat Tung

The Hong Kong Bird Watching Society Ltd.

### Copyright

The project is part of the "Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2006-07" funded by Agriculture, Fisheries and Conservation Department, Hong Kong SAR Government (AFCD). All the data shall be the property of the Government with full copyright.

### Report available for public information

The Hong Kong Bird Watching Society Limited  
Room 1612, Beverley Commercial Centre, 87-105 Chatham Road  
Tsim Sha Tsui, Kowloon, Hong Kong  
E-mail: [hkbws@hkbws.org.hk](mailto:hkbws@hkbws.org.hk) Website: [www.hkbws.org.hk](http://www.hkbws.org.hk)

*And*

Agriculture, Fisheries and Conservation Department  
Hong Kong SAR Government  
7/F, Cheung Sha Wan Government Offices  
303 Cheung Sha Wan Road  
Kowloon, Hong Kong  
Website: [www.afcd.gov.hk](http://www.afcd.gov.hk)

### This publication should be cited as

Anon 2007. Monthly Waterbird Counts Data April 2006 - March 2007: Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site. Report by Hong Kong Bird Watching Society to the Agriculture, Fisheries and Conservation Department, Hong Kong Special Administrative Region Government.

Cover photo: Whimbrel in landing (Photo by: Daniel C K Chan)



Printed on recycled paper

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

---

Programme 2006/07

Summer Count

April 2006

---

**Summary Report – April 2006**

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

The April waterbird count was conducted on the 16<sup>th</sup>. The count completely covered the whole Deep Bay area and the Ramsar Site, including the Hong Kong Wetland Park at Tin Shui Wai and the Futian National Nature Reserve at Shenzhen Special Economic Zone, China.

A total of 10,388 waterbirds were counted in the Deep Bay area, of which 7,301 (70%) were recorded in the Ramsar Site. The largest group is comprised by waders which were counted at 8,005 (77%) individuals and the second largest group is the Ardeid with a count of 1,949 (19%) individuals. April is the peak time of migratory shorebirds passing through Hong Kong. Besides, small numbers of wintering ducks and cormorants were still recorded in this count.

A comparison with previous years' counts and the average for the month is provided in Table 1. The number of the Deep Bay area is similar to the count of previous year and the average figure, while the number in the Ramsar site is the lowest count in April since the commencement of this count in 1999 and it is 21% fewer than the average figure.

Table 1. April Waterbird Counts 2002-2006.

April	2002	2003	2004	2005	2006	Average*	Std. Dev.*
Deep Bay area	10,399	9,019	13,681	10,067	10,388	10,768	1,887
Ramsar Site	8,319	7,595	11,748	8,823	7,301	9,300	1,895

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

---

<sup>1</sup> Yu Yat Tung (Coordinator, Waterbird Monitoring Programme)  
The Hong Kong Bird Watching Society Limited  
Postal address: G.P.O. Box 12460, Hong Kong  
Tel: (852) 2377 4387 Fax: (852) 2314 3687 E-mail: hkbws@hkbws.org.hk

### Summary of Waterbird Count, April 2006

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	33	16	2					40	4		5	0	12	1	11	24	41	0	65	148		2
Great Crested Grebe	1		4													0			0	5		
Great Cormorant	0	1						0			0	0	0	0	0	2	0	0	2	3		
Dalmatian Pelican																0			0	0		
Grey Heron	4	0						1	2	1	0	0	0	0	7	49	1	0	50	64		29
Purple Heron																0			0	0		
Great Egret	32	4	86	6	125	5	12	62	3	4	12	5	6	4	11	22	59	170	251	399		202
Intermediate Egret	2	1						0	6		2	0	0	0	0	9	1	0	10	20		2
Little Egret	41	27	371	23	60	2	6	113	21	12	49	13	41	14	24	95	199	98	392	912		62
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	6	0	39					55			9	3	3	20	9	11	37	0	48	155		39
Chinese Pond Heron	10	10	36			1	5	6	2	9	60	8	8	4	13	11	65	6	82	183		4
Striated Heron	0	0						0			0	0	0	0	0	0	0	0	0	0		
B-c Night Heron	1	13	88					1			2	4	1	4	3	18	4	0	22	135		156
Yellow Bittern	0	0						0			0	0	0	0	0	0	0	0	0	0		
Cinnamon Bittern																0			0	0		
Great Bittern																0			0	0		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill																1			1	1		
Black-faced Spoonbill	9		34					6	2						5**	29	6		35	80		
Common Shelduck																0			0	0		
Eurasian Wigeon	0	0						0			0	0	0	0	0	39	0	0	39	39		
Falcated Duck																1			1	1		
Gadwall																0			0	0		
Baikal Teal																18			18	18		
Common Teal	0	0						0			0	0	0	0	0	11	0	0	11	11		
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill	2															0			0	2		
Burmese Spotbill																0			0	0		
Northern Pintail																1			1	1		
Garganey																28			28	28		
Northern Shoveler									1							15			15	16		
Common Pochard																0			0	0		
Baer's Pochard																0			0	0		
Tufted Duck																0			0	0		
Greater Scaup																1			1	1		
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	0	7					4	1	1	4	0	2	2	1	3	10	0	13	25		3
Watercock																0			0	0		
Common Moorhen	3	10	35					24	15		15	0	0	3	2	26	25	0	51	133		1
Eurasian Coot																0			0	0		
Pheasant-tailed Jacana																0			0	0		

Greater Painted Snipe																0			0	0		
Black-winged Stilt			52										4			25			25	81		
Pied Avocet			1200													0			0	1200		
Oriental Pratincole								1		3						4			4	8		
Northern Lapwing																0			0	0		
Grey-headed Lapwing			1													0			0	1		
Pacific Golden Plover																50			50	50		
Grey Plover				75												0			0	75		
Common Ringed Plover																0			0	0		
Little Ringed Plover	9	0	7				2		1	1	0	0	0	7	0	3	0	3	27			5
Kentish Plover			2													0			0	2		
Lesser Sand Plover																0			0	0		
Greater Sand Plover			17**													89			89	89		
Black-tailed Godwit			392**													950			950	950		
Bar-tailed Godwit																12			12	12		
Whimbrel				11												0			0	11		
Eurasian Curlew				39												0			0	39		
Far Eastern Curlew				1												0			0	1		
Spotted Redshank			30**													938			938	938		
Common Redshank			880**													779			779	779		2
Marsh Sandpiper			43**													1940			1940	1940		1
Common Greenshank	1		762**													827			827	828		
Nordmann's Greenshank																0			0	0		
Green Sandpiper	2	5					3		1	3	5	0	1	0	12	0	12	20				2
Wood Sandpiper	36	6	80				2	40		17	0	1	13	3	137	17	0	154	335			
Terek Sandpiper																72			72	72		
Common Sandpiper	4	6	8				9	4	2	15	9	12	0	10	5	39	0	44	84			2
Grey-tailed Tattler				1												0			0	1		
Ruddy Turnstone				17												0			0	17		
Red-necked Phalarope				2												0			0	2		
Pintail Snipe																0			0	0		
Swinhoe's Snipe																0			0	0		
Pintail/Swinhoe's Snipe													1	0		0			0	1		
Common Snipe	2							1					1	0		0			0	4		1
Long-billed Dowitcher																0			0	0		
Asian Dowitcher				11												0			0	11		
Red Knot																8			8	8		
Great Knot				41												0			0	41		3
Sanderling																3			3	3		
Red-necked Stint			5													107			107	112		10
Little Stint	21															0			0	21		
Temminck's Stint	33		3							7						0			0	43		
Long-toed Stint	15	3	15	7				4								0			0	44		
Pectoral Sandpiper																0			0	0		
Sharp-tailed Sandpiper			1													8			8	9		
Dunlin																0			0	0		
Curlew Sandpiper			8													117			117	125		
Spoon-billed Sandpiper																0			0	0		
Broad-billed Sandpiper																21			21	21		
Ruff																0			0	0		
Small wader spp.																0			0	0		
Wader sp.																0			0	0		30
Black-tailed Gull																0			0	0		
Heuglin's Gull																0			0	0		



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

---

Programme 2006/07

Summer Count

May 2006

---

**Summary Report – May 2006**

Y.T. Yu

The May waterbird count was conducted on the 14<sup>th</sup>. Coverage of the count is complete to include all area of the whole Deep Bay area, the Hong Kong Wetland Park at Tin Shui Wai and the Futian National Nature Reserve at Shenzhen, China.

A total of 4,227 waterbirds were counted in the Deep Bay area, of which 3,069 (73%) were recorded in the Ramsar Site. Waders comprised the largest group (67%) in the count and Ardeids is the second largest with 1,487 (28%) individuals. Only a few wintering cormorants and ducks (two Great Cormorants and a Common Teal) were still present in this count.

A comparison with previous years' counts and the average for the month is provided in Table 1. Both numbers of waterbird in the Deep Bay area and the Ramsar site were 50% lower than the figures in previous years. Also, both numbers are also lower than the average figure. However, the numbers of waterbird in the May count fluctuated in a wide range from 2,206 to 8,455 individuals since the commencement of this monitoring programme in 1998.

Table 1. May Waterbird Counts 2002-2006.

April	2002	2003	2004	2005	2006	Average*	Std. Dev.*
Deep Bay area	8,028	3,925	3,133	8,455	4,227	4,644	2,312
Ramsar Site	7,000	3,153	2,302	7,482	3,069	3,818	2,182

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

### Summary of Waterbird Count, May 2006

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	11	20	5					29	3		3	0	12	3	9	12	37	0	49	107		
Great Crested Grebe																0			0	0		
Great Cormorant	0	1						0			1	0	0	0	0	0	1	0	1	2		
Dalmatian Pelican																0			0	0		
Grey Heron	0	0						2			0	0	0	0	0	5	1	1	7	7		1
Purple Heron																1			1	1		
Great Egret	2	11	145	7	13	10	2	42	3	11	11	5	9	6	9	40	46	49	135	326		134
Intermediate Egret	1	0						0	1		1	0	0	1	0	21	2	0	23	25		2
Little Egret	3	11	384	15	6	8	16	46	14	54	50	31	45	9	14	44	141	56	241	750		44
Swinhoe's Egret																3			3	3		
Pacific Reef Egret																0			0	0		
Cattle Egret	1	8	5					6	16	1	65	5	13	9	0	5	28	0	33	134		64
Chinese Pond Heron	3	8	23	1			1	17	4	5	35	2	14	5	10	3	64	2	69	131		2
Striated Heron	0	0						0			0	0	1	0	0	4	0	0	4	5		
B-c Night Heron	0	6	73	1				5			2	0	5	1	6	0	10	1	11	99		64
Yellow Bittern	0	0						0			0	0	0	1	0	2	1	0	3	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			1		1											1		1	2	3		
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	0	2						2		2	2	0	0	2	2	1	4	0	5	13		
Watercock																0			0	0		
Common Moorhen	0	0	18					1			0	0	0	6	2	0	6	0	6	27		
Eurasian Coot																0			0	0		

Pheasant-tailed Jacana																0			0	<b>0</b>		1
Greater Painted Snipe																0			0	<b>0</b>		
Black-winged Stilt			12					2	9							82			82	<b>105</b>		
Pied Avocet																590			590	<b>590</b>		
Oriental Pratincole																0			0	<b>0</b>		
Northern Lapwing																0			0	<b>0</b>		
Grey-headed Lapwing																0			0	<b>0</b>		
Pacific Golden Plover																15			15	<b>15</b>		
Grey Plover																29			29	<b>29</b>		
Common Ringed Plover																0			0	<b>0</b>		
Little Ringed Plover	3	3	2					0	1		5	0	0	0	4	0	3	0	3	<b>18</b>		
Kentish Plover																1			1	<b>1</b>		
Lesser Sand Plover																0			0	<b>0</b>		
Greater Sand Plover																0			0	<b>0</b>		
Sand Plover spp.																45			45	<b>45</b>		
Black-tailed Godwit																10			10	<b>10</b>		
Bar-tailed Godwit																0			0	<b>0</b>		
Whimbrel																9			9	<b>9</b>		
Eurasian Curlew																28			28	<b>28</b>		
Far Eastern Curlew																0			0	<b>0</b>		
Spotted Redshank																160			160	<b>160</b>		
Common Redshank																0			0	<b>0</b>		
Marsh Sandpiper																0			0	<b>0</b>		
Common Greenshank									14							0			0	<b>14</b>		
Nordmann's Greenshank																0			0	<b>0</b>		
Green Sandpiper	0	0						0		0	0	0	0	0	0	0	0	0	0	<b>0</b>		
Wood Sandpiper	0	0	1					0		0	0	0	1	0	0	0	1	0	1	<b>2</b>		
Terek Sandpiper																59			59	<b>59</b>		
Common Sandpiper	7	3	4					2	3	1	1	2	0	2	0	0	6	0	6	<b>25</b>		
Grey-tailed Tattler																2			2	<b>2</b>		
Ruddy Turnstone																4			4	<b>4</b>		
Red-necked Phalarope																0			0	<b>0</b>		
Pintail Snipe																0			0	<b>0</b>		
Swinhoe's Snipe																0			0	<b>0</b>		
Pintail/Swinhoe's Snipe																0			0	<b>0</b>		
Common Snipe																0			0	<b>0</b>		
Long-billed Dowitcher																0			0	<b>0</b>		
Asian Dowitcher																0			0	<b>0</b>		
Red Knot																6			6	<b>6</b>		
Great Knot																5			5	<b>5</b>		
Sanderling																1			1	<b>1</b>		
Red-necked Stint			8													340			340	<b>348</b>		
Little Stint																1			1	<b>1</b>		
Temminck's Stint																0			0	<b>0</b>		
Long-toed Stint																0			0	<b>0</b>		
Pectoral Sandpiper																0			0	<b>0</b>		
Sharp-tailed Sandpiper																20			20	<b>20</b>		
Dunlin																0			0	<b>0</b>		
Curlew Sandpiper																10			10	<b>10</b>		
Spoon-billed Sandpiper																1			1	<b>1</b>		
Broad-billed Sandpiper																2			2	<b>2</b>		



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

---

Programme 2006/07

Summer Count

June 2006

---

**Summary Report – June 2006**

Y.T. Yu

The June waterbird count was conducted on the 11<sup>th</sup>. Coverage of the count is complete to include all area of the whole Deep Bay area, the Hong Kong Wetland Park at Tin Shui Wai and the Futian National Nature Reserve at Shenzhen, China.

A total of 3,065 waterbirds were counted in the Deep Bay area, of which 1,748 (57%) were recorded in the Ramsar Site. The largest group of waterbird is Ardeids which were counted at 2,578 individuals (84%) and Waders are the second largest but only 323 birds (11%) were counted. Such low number of waders recorded in the count indicates that the spring shorebird migration is at an end.

A comparison with previous years' counts and the average for the month is provided in Table 1. Both numbers of waterbird in the Deep Bay area and the Ramsar site are more than the double of the figures in the previous year. Both numbers are also higher than the average figures and these are the second highest numbers in June count since the commencement of this monitoring programme in 1998.

Table 1. June Waterbird Counts 2002-2006.

April	2002	2003	2004	2005	2006	Average*	Std. Dev.*
Deep Bay area	1,879	1,313	2,697	1,445	3,065	1,990	916
Ramsar Site	967	527	2,092	859	1,748	1,236	513

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

### Summary of Waterbird Count, June 2006

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	17	6						20		3	1	0	8	3	4	26	25	0	51	88		2
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	0		
Grey Heron	1	1	1		1			1		1	0	0	0	0	2	1	1	1	4	8		4
Purple Heron																0		0	0			
Great Egret	8	4	157		76	36	42	16	18	4	22	4	30	93	7	191	144	155	490	708		155
Intermediate Egret	0	0						1		4	3	0	0	0	1	8	3	0	11	17		6
Little Egret	6	23	495		129	7	9	16	25	3	56	11	26	16	16	399	84	145	628	1237		42
Swinhoe's Egret																0		0	0	0		1
Pacific Reef Egret																0		0	0	0		
Cattle Egret	0	1	15		23			1			1	0	0	0	1	77	0	23	100	119		36
Chinese Pond Heron	5	10	54		3	3		8	3		36	16	22	0	8	9	71	6	86	177		4
Striated Heron	0	0	1		2			0			0	0	0	0	3	0	0	2	5	6		
B-c Night Heron	9	3	226		2			1		1	4	2	2	23	8	4	31	2	37	285		118
Yellow Bittern	3	1	2					2		1	0	0	0	0	2	0	1	0	1	11		
Cinnamon Bittern																0		0	0	0		
Great Bittern																0		0	0	0		
Black Stork																0		0	0	0		
Black-headed Ibis																0		0	0	0		
Eurasian Spoonbill																0		0	0	0		
Black-faced Spoonbill																10		10	10	10		
Common Shelduck																0		0	0	0		
Eurasian Wigeon	0	0						0			0	0	0	0	0	0	0	0	0	0		
Falcatated Duck																0		0	0	0		
Gadwall																0		0	0	0		
Baikal Teal																0		0	0	0		
Common Teal	0	0						0			0	0	0	0	0	0	0	0	0	0		
Mallard																0		0	0	0		
Spot-billed Duck																0		0	0	0		
Chinese Spotbill																0		0	0	0		
Burmese Spotbill																0		0	0	0		
Northern Pintail																0		0	0	0		
Garganey																0		0	0	0		
Northern Shoveler																0		0	0	0		
Common Pochard																0		0	0	0		
Baer's Pochard																0		0	0	0		
Tufted Duck																0		0	0	0		
Greater Scaup																0		0	0	0		
Red-breasted Merganser																0		0	0	0		
Duck sp.																0		0	0	0		
Slaty-breasted Rail																0		0	0	0		
Water Rail																0		0	0	0		
White-breasted Waterhen	4	3	8		5	1		8	2	2	5	0	1	2	0	4	9	6	19	45		3
Watercock																0		0	0	0		
Common Moorhen	0	0	19					0			0	0	0	0	0	0	0	0	0	19		
Eurasian Coot																0		0	0	0		
Pheasant-tailed Jacana	1															0		0	0	1		
Greater Painted Snipe										5						1		1	1	6		
Black-winged Stilt			1													32		32	33	33		
Pied Avocet																0		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																14			14	14
Common Ringed Plover																0			0	0
Little Ringed Plover	0	1	4				0		4	0	0	0	0	1	2	0		3	10	
Kentish Plover																0			0	0
Lesser Sand Plover																2			2	2
Greater Sand Plover																11			11	11
Black-tailed Godwit																0			0	0
Bar-tailed Godwit																0			0	0
Whimbrel																3			3	3
Eurasian Curlew																32			32	32
Far Eastern Curlew																0			0	0
Spotted Redshank																0			0	0
Common Redshank																4			4	4
Marsh Sandpiper																0			0	0
Common Greenshank																73			73	73
Nordmann's Greenshank																0			0	0
Green Sandpiper	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
Terek Sandpiper																122			122	122
Common Sandpiper	0	0					0		0	1	0	0	1	0	1	0		1	2	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																0			0	0
Spoon-billed Sandpiper																0			0	0
Broad-billed Sandpiper																0			0	0
Ruff																0			0	0
Small wader spp.																0			0	0
Wader sp.			10													0			0	10
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	1				0		0	0	0	0	0	0	0	0		0	1	1



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

Programme 2006/07

Summer Count

July 2006

**Summary Report – July 2006**

Y.T. Yu

The 2006 July waterbird count took place on 9<sup>th</sup>. Coverage was completed in the Ramsar Site, but the area of Lau Fau Shan to Nim Wan for the whole Deep Bay area was not covered in this month due to thunderstorm. In addition, the Hong Kong Wetland Park and the Futian National Nature Reserve in Shenzhen were also covered.

A total of 2,835 waterbirds were recorded in the Deep Bay area, of which 1,255 (44%) waterbirds were present in the Ramsar Site. Ardeids counted at 2,297 (81%) comprised the largest group of waterbirds in this count and the second highest was waders with a total of 408 (14%).

Table 1 shows the comparison of the count with that of the previous year's counts and the average for the month. Both waterbird numbers in the whole Deep Bay area and in the Ramsar site are lower than the same figures of the previous years. The number of waterbirds in the whole Deep Bay area is marginally smaller than the average figure, while the number in the Ramsar site is 28% lower than the average figure.

Table.1. July waterbird counts 2002 - 2006

June	2002	2003	2004	2005	2006	Average*	Std. Dev.*
Deep Bay area	2,135	3,145	3,945	4,179	2,835	2,955	802
Ramsar Site	1,217	2,133	2,237	2,748	1,255	1,752	600

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

### Summary of Waterbird Count, July 2006

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	13	13	2					27			1	0	2	1	9	8	14	0	22	76		
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	13	0	2	1		1		1		1	0	0	0	0	0	0	1	2	3	19		3
Purple Heron																1			1	1		
Great Egret	45	12	392	5	36	157	32	18		16	31	5	15	7	4	75	43	232	350	850		55
Intermediate Egret	1	1						0		3	0	0	0	0	0	0	0	0	0	5		2
Little Egret	16	27	477		21	162	51	89		12	50	13	25	10	9	21	143	250	414	983		34
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	5	3	3			11	4	0			1	0	0	12	0	25	13	15	53	64		95
Chinese Pond Heron	6	23	48				1	12		2	55	7	15	10	22	5	69	1	75	206		3
Striated Heron	0	0	2					0			0	0	0	0	0	2	0	0	2	4		
B-c Night Heron	42	12	61	2		2	1	1		1	2	4	3	13	4	3	22	5	30	151		58
Yellow Bittern	0	0	2					0		1	0	0	0	0	0	0	0	0	0	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																11		11	11			
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																2			2	2		
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	6	2	6			1	2	6		2	6	0	1	2	2	3	12	3	18	39		3
Watercock																0			0	0		
Common Moorhen	0	0	11					0		1	0	0	0	0	0	0	0	0	0	12		

Eurasian Coot																0			0	0		
Pheasant-tailed Jacana																0			0	0		
Greater Painted Snipe																0			0	0		
Black-winged Stilt	1		13													27			27	48		
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																7			7	7		
Common Ringed Plover																0			0	0		
Little Ringed Plover	3	0	16				0		9	0	0	0	0	0	1	4	0	0	4	33		
Kentish Plover																0			0	0		
Lesser Sand Plover																14			14	14		
Greater Sand Plover																0			0	0		
Black-tailed Godwit																11			11	11		
Bar-tailed Godwit																0			0	0		
Whimbrel																11			11	11		
Eurasian Curlew																2			2	2		
Far Eastern Curlew																0			0	0		
Spotted Redshank																0			0	0		
Common Redshank																			150	200		
Marsh Sandpiper																0			0	0		
Common Greenshank																40			40	40		
Nordmann's Greenshank																0			0	0		
Green Sandpiper	0	0	1				0		0	0	0	0	0	0	0	0	0	0	0	1		
Wood Sandpiper	0	0	12				0		0	0	0	2	0	0	2	0	0	2	14			
Terek Sandpiper																0			0	0		
Common Sandpiper	1	2	18				2		1		1	0	2	0	0	0	3	2	5	27		
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																0			0	0		
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	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		
<b>Total</b>	<b>152</b>	<b>95</b>	<b>1066</b>	<b>58</b>	<b>57</b>	<b>336</b>	<b>91</b>	<b>155</b>	<b>n/c</b>	<b>56</b>	<b>146</b>	<b>31</b>	<b>61</b>	<b>57</b>	<b>51</b>	<b>423</b>	<b>322</b>	<b>510</b>	<b>1255</b>	<b>2835</b>	<b>0</b>	<b>253</b>

	Deep Bay Area	%	Ramsar Site	%	SW	SI																
<b>Cormorants</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.1</b>	<b>0</b>	<b>0</b>																
<b>Ardeids etc</b>	<b>2297</b>	<b>81.0</b>	<b>939</b>	<b>74.8</b>	<b>0</b>	<b>250</b>																
<b>Ducks, grebes, pelicans</b>	<b>78</b>	<b>2.8</b>	<b>24</b>	<b>1.9</b>	<b>0</b>	<b>0</b>																
<b>Rails, Coot etc</b>	<b>51</b>	<b>1.8</b>	<b>18</b>	<b>1.4</b>	<b>0</b>	<b>3</b>																
<b>Waders</b>	<b>408</b>	<b>14.4</b>	<b>273</b>	<b>21.8</b>	<b>0</b>	<b>0</b>																
<b>Gulls and terns</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>																
<b>TOTAL</b>	<b>2835</b>		<b>1255</b>		<b>0</b>	<b>253</b>																

Date of count: 9 Jul 2006

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

<b>Wetland-dependant species</b>																						
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								0			0	1		1
Black Kite	0	1						0			0	5	2	0	0	1	6	0	7	9		
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																1			1	1		
Pied Kingfisher	0	2	4				1	3		3	0	0	0	0	0	1	3	0	4	14		4
Common Kingfisher	3	5	2					3		1	1	0	2	1	2	0	7	1	8	20		2
White-throated Kingfisher	2	6	4				1	4		2	0	0	0	0	0	0	6	0	6	19		4
Black-capped Kingfisher	0	0	3					0			0	0	0	0	0	0	0	1	1	3		
Red-billed Starling	0	0						0			0	0	0	0	16	0	0	0	0	16		
Collared Crow	0	0	2					1			5	18	0	0	0	8	21	0	29	34		

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

---

Programme 2006/07

Summer Count

August 2006

---

**Summary Report – August 2006**

Y.T. Yu

The 2006 August waterbird count took place on 13<sup>th</sup>. Coverage was completed in both the Ramsar Site and the whole Deep Bay area, including the Hong Kong Wetland Park and the Futian National Nature Reserve in Shenzhen, China.

A total of 4,802 waterbirds were recorded in the whole Deep Bay area, of which 3,125 (65%) was recorded in the Ramsar site area. Waders comprised the largest group of waterbird in this count and counted at 2,628 individuals (55%) and it is followed by the ardeids which were counted at 2,037 individuals (42%). High number of waders present in this count indicates that the southward migration of the waders has started.

Table 1 shows the comparison of the count with that of the previous year's counts and the average for the month. The number of the Deep Bay area in this count is the second highest figure, which is only five birds lower than the highest count recorded in 2004. The number in the Ramsar site in this month is the highest count since the commencement of this programme in 1998.

Table.1. August waterbird counts 2001 - 2006

June	2001	2002	2003	2004	2006	Average*	Std. Dev.*
Deep Bay area	4,124	4,096	3,060	4,807	4,802	3,737	821
Ramsar Site	2,858	2,463	1,588	2,420	3,125	2,474	474

Note: Count in year 2005 was incomplete due to thunderstorm

\* Figures of average and the SD are calculated from the count since 1998 to the latest count

### Summary of Waterbird Count, August 2006

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	7	10						33			10	0	0	12	14	14	48	0	62	100		4
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	1	0	1					2			0	0	0	0	1	5	2	0	7	10		3
Purple Heron																0			0	0		
Great Egret	7	2	221	80		30	60	26	13	3	9	9	3	3	5	34	34	176	244	505	83	93
Intermediate Egret	0	0						0			0	0	0	0	0	0	0	0	0	0		2
Little Egret	11	9	588	72		20	40	51	11	2	70	20	23	33	20	56	161	139	356	1026	20	23
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	0	16	5					0			3	0	8	5	8	0	14	0	14	45		28
Chinese Pond Heron	26	13	30	1		5	3	12	1	4	55	4	14	23	14	17	94	9	120	222	11	6
Striated Heron	0	0	2					0			0	0	1	0	0	8	1	0	9	11		
B-c Night Heron	0	4	195					2			0	0	0	1	0	4	3	0	7	206	18	42
Yellow Bittern	0	0						0		1	0	0	0	0	0	0	0	0	0	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																11			11	11		
Common Shelduck																0			0	0		
Eurasian Wigeon	1	0						0			0	0	0	0	0	0	0	0	0	1		
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	10	5				3	2		0	0	1	0	0	1	3	5	9	23		4
Watercock																0			0	0		
Common Moorhen	0	0	9	1				0			1	0	0	0	0	0	0	1	1	11		2

Eurasian Coot																0		0	0		
Pheasant-tailed Jacana																0		0	0		
Greater Painted Snipe																0		0	0		
Black-winged Stilt	46		5													62		62	113		
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													2		2	3		
Grey Plover																4		4	4		
Common Ringed Plover																0		0	0		
Little Ringed Plover	44	0	8				0		6	0	0	0	0	0	3	2	0	5	61		
Kentish Plover																0		0	0		
Lesser Sand Plover																10		10	10		
Greater Sand Plover			2													180		180	182		
Black-tailed Godwit																30		30	30		
Bar-tailed Godwit																0		0	0		
Whimbrel																33		33	33		
Eurasian Curlew			2													64		64	66		
Far Eastern Curlew																0		0	0		
Spotted Redshank																0		0	0		
Common Redshank			70													830		830	900		
Marsh Sandpiper																20		20	20		
Common Greenshank			15													970		970	985	2	
Nordmann's Greenshank																0		0	0		
Green Sandpiper	2	0					0		3	0	1	0	1	0	0	2	0	2	7		
Wood Sandpiper	95	0	23				5		0	0	0	0	0	0	10	0	5	15	133		
Terek Sandpiper				1												0		0	1		
Common Sandpiper	3	3	7	1			1	2	2	5	3	1	1	0	0	12	2	14	29		1
Grey-tailed Tattler			1													0		0	1		
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																36		36	36		
Little Stint																0		0	0		
Temminck's Stint																0		0	0		
Long-toed Stint	7															0		0	7		
Pectoral Sandpiper																0		0	0		
Sharp-tailed Sandpiper																0		0	0		
Dunlin																0		0	0		
Curlew Sandpiper																7		7	7		
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	1	0	0	0	0	0	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		
<b>Total</b>	<b>251</b>	<b>57</b>	<b>1195</b>	<b>161</b>	<b>0</b>	<b>55</b>	<b>104</b>	<b>136</b>	<b>27</b>	<b>12</b>	<b>162</b>	<b>36</b>	<b>52</b>	<b>78</b>	<b>64</b>	<b>2412</b>	<b>376</b>	<b>337</b>	<b>3125</b>	<b>4802</b>	<b>134</b>	<b>208</b>	
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SW</b>	<b>SI</b>																	
<b>Cormorants</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0</b>																	
<b>Ardeids etc</b>	<b>2037</b>	<b>42.4</b>	<b>768</b>	<b>24.6</b>	<b>132</b>	<b>197</b>																	
<b>Ducks, grebes, pelicans</b>	<b>101</b>	<b>2.1</b>	<b>62</b>	<b>2.0</b>	<b>0</b>	<b>4</b>																	
<b>Rails, Coot etc</b>	<b>34</b>	<b>0.7</b>	<b>10</b>	<b>0.3</b>	<b>0</b>	<b>6</b>																	
<b>Waders</b>	<b>2628</b>	<b>54.7</b>	<b>2284</b>	<b>73.1</b>	<b>2</b>	<b>1</b>																	
<b>Gulls and terns</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>																	
<b>TOTAL</b>	<b>4802</b>		<b>3125</b>		<b>134</b>	<b>208</b>																	

Date of count: 13 August 2006

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

<b>Wetland-dependant species</b>																						
<b>Species</b>	<b>SRA</b>	<b>SRB</b>	<b>DBA</b>	<b>DBB</b>	<b>DBC</b>	<b>DBD</b>	<b>DBE</b>	<b>DBF (TBT)</b>	<b>NW/LFS</b>	<b>WEP</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Shuen Wan</b>	<b>Starling Inlet</b>
Osprey		1	1							1						0			0	3		
Black Kite	0	3		1				1			0	5	0	4	3	1	10	0	11	18	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	1	4	5					2			0	0	1	0	0	3	3	0	6	16		4
Common Kingfisher	5	9	2					6		4	3	1	1	2	2	5	11	0	16	40	1	2
White-throated Kingfisher	3	7	4	1			1	7	1		2	0	1	1	0	4	12	0	16	32	1	3
Black-capped Kingfisher	0	0	1					0			0	0	0	1	0	0	1	2	3	2		
Red-billed Starling	0	0						0			0	0	0	0	0	0	0	0	0	0		
Collared Crow	0	0	3					1			0	10	3	0	0	1	11	0	12	18	77	

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

Programme 2006/07

Summer Count

September 2006

**Summary Report – September 2006**

Y.T. Yu

The 2006 September Waterbird Count was conducted on 10<sup>th</sup>. Coverage was completed in the Mai Po Inner Deep Bay Ramsar Site and the whole Deep Bay area, including the Hong Kong Wetland Park at Tin Shui Wai and Futian National Nature Reserve at Shenzhen, China.

This count recorded a total of 5,899 waterbirds in the whole Deep Bay area, of which 3,816 (65%) individuals were recorded in the Ramsar Site. Waders comprised the largest group of waterbirds in this count and counted at 3,274 individuals (56%). The second largest was the Ardeids counted at 2,458 (42%) individuals. High proportion of waders presented in the count indicates that the southward migration of the migratory shorebirds has started.

Table 1 shows the comparison of the count with that of the previous year's counts and the average for the month. The number of the Deep Bay area is the second highest count after an unusual high count of 6,695 birds in previous years, but the number in the Ramsar Site is just marginally higher than the average figure.

Table.1. September waterbird counts 2001 - 2006

June	2001	2003	2004	2005	2006	Average*	Std. Dev.*
Deep Bay area	4,566	5,032	4,916	6,695	5,899	5,200	955
Ramsar Site	3,087	3,001	3,450	4,920	3,816	3,694	751

Note: Count in year 2002 was incomplete due to thunderstorm

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

### Summary of Waterbird Count, September 2006

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	13	18	3					36		3	7	0	10	0	9	22	44	0	66	121		
Great Crested Grebe																0			0	0		
Great Cormorant	0	0						0			0	1	0	0	0	0	1	0	1	1		
Dalmatian Pelican																0			0	0		
Grey Heron	4	1	16		75			4		2	0	2	4	2	0	59	9	75	143	169		
Purple Heron															1	1			1	2		
Great Egret	15	9	316	4	80	22	2	27	27	4	17	10	9	3	6	50	37	118	205	601		
Intermediate Egret	2	0						0		2	0	1	0	0	0	1	1	0	2	6		
Little Egret	22	37	342	11	140	77	7	217	66	6	63	52	39	12	49	44	314	265	623	1184		
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	1	7						11			10	4	3	5	2	46	29	0	75	89		
Chinese Pond Heron	17	34	38	1	2	7	1	8	1	11	46	10	23	9	19	21	75	11	107	248		
Striated Heron	0	0	1					0			0	0	0	0	0	2	0	0	2	3		
B-c Night Heron	1	7	103			2		4	1		0	0	2	19	1	4	26	2	32	144		
Yellow Bittern	3	0	1					2		3	0	0	0	0	0	3	2	0	5	12		
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																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	2	2	12					1	1	1	2	1	0	0	2	2	3	0	5	26		
Watercock																0			0	0		
Common Moorhen	0	0	11					1			0	0	0	0	0	1	0	0	1	13		

Eurasian Coot																0		0	0		
Pheasant-tailed Jacana																0		0	0		
Greater Painted Snipe																0		0	0		
Black-winged Stilt	19		88									12		1	102			102	222		
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#																22		22	22		
Common Ringed Plover																0		0	0		
Little Ringed Plover	0	1	24				0	7		0	0	1	0	0	2	1	0	3	35		
Kentish Plover																1		1	1		
Lesser Sand Plover																0		0	0		
Greater Sand Plover			1													36		36	37		
Black-tailed Godwit#																214		214	214		
Bar-tailed Godwit																7		7	7		
Whimbrel			1					10								157		157	168		
Eurasian Curlew			1													67		67	68		
Far Eastern Curlew																0		0	0		
Spotted Redshank																6		6	6		
Common Redshank#			116					1								267		267	384		
Marsh Sandpiper#			70					2								570		570	642		
Common Greenshank#			38					18								898		898	954		
Nordmann's Greenshank																0		0	0		
Green Sandpiper	4	0	1				0	1	1	0	0	0	0	0	0	0	0	0	7		
Wood Sandpiper	26	0	56				0		0	0	0	0	0	0	74	0	0	74	156		
Terek Sandpiper																7		7	7		
Common Sandpiper	4	7	12		3		6	2	6	16	5	11	1	5	1	34	3	38	79		
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	7											2				1		1	10		
Common Snipe																0		0	0		
Long-billed Dowitcher																0		0	0		
Asian Dowitcher																4		4	4		
Red Knot																2		2	2		
Great Knot																5		5	5		
Sanderling																0		0	0		
Red-necked Stint#																38		38	38		
Little Stint																0		0	0		
Temminck's Stint																0		0	0		
Long-toed Stint	6															1		1	7		
Pectoral Sandpiper																0		0	0		
Sharp-tailed Sandpiper																1		1	1		
Dunlin																3		3	3		
Curlew Sandpiper#																10		10	10		
Spoon-billed Sandpiper																0		0	0		
Broad-billed Sandpiper#																13		13	13		

Ruff			1													1			1	2		
Small wader spp.																0			0	0		
Wader sp.			170													0			0	170		
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			6													0			0	6		
White-winged Tern																0			0	0		
Gull-billed Tern																0			0	0		
Caspian Tern																0			0	0		
<b>Total</b>	<b>146</b>	<b>123</b>	<b>1428</b>	<b>16</b>	<b>300</b>	<b>108</b>	<b>10</b>	<b>317</b>	<b>105</b>	<b>70</b>	<b>162</b>	<b>86</b>	<b>116</b>	<b>51</b>	<b>95</b>	<b>2766</b>	<b>576</b>	<b>474</b>	<b>3816</b>	<b>5899</b>	<b>0</b>	<b>0</b>
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SW</b>	<b>SI</b>																
<b>Cormorants</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0</b>																
<b>Ardeids etc</b>	<b>2458</b>	<b>41.7</b>	<b>1195</b>	<b>31.3</b>	<b>0</b>	<b>0</b>																
<b>Ducks, grebes, pelicans</b>	<b>121</b>	<b>2.1</b>	<b>66</b>	<b>1.7</b>	<b>0</b>	<b>0</b>																
<b>Rails, Coot etc</b>	<b>39</b>	<b>0.7</b>	<b>6</b>	<b>0.2</b>	<b>0</b>	<b>0</b>																
<b>Waders</b>	<b>3274</b>	<b>55.5</b>	<b>2548</b>	<b>66.8</b>	<b>0</b>	<b>0</b>																
<b>Gulls and terns</b>	<b>6</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>																
<b>TOTAL</b>	<b>5899</b>		<b>3816</b>		<b>0</b>	<b>0</b>																
Date of count: 10 Sep 2006																						
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																						
<b>Wetland-dependant species</b>																						
<b>Species</b>	<b>SRA</b>	<b>SRB</b>	<b>DBA</b>	<b>DBB</b>	<b>DBC</b>	<b>DBD</b>	<b>DBE</b>	<b>DBF (TBT)</b>	<b>NW/LFS</b>	<b>WEP</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Shuen Wan</b>	<b>Starling Inlet</b>
Osprey			1			2										0			0	3		
Black Kite	0	2	3			6		2			0	1	15	5	5	0	23	2	25	39		
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	4					5		1	1	1	2	0	1	2	8	0	10	21		
Common Kingfisher	5	16	2					5	1	2	17	6	8	0	6	2	30	0	32	70		
White-throated Kingfisher	1	2	6			1		2	1	2	1	0	3	0	1	2	4	0	6	22		
Black-capped Kingfisher	0	0	1					0			0	0	0	0	0	0	0	1	1	1		
Red-billed Starling	0	0						0			0	0	0	0	0	0	0	0	0	0		
Collared Crow	1	0	2					8			0	27	3	9	0	2	46	0	48	52		

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

Programme 2006/07

Winter Count

October 2006

**Summary Report – October 2006**

Y.T. Yu

The October 2006 waterbird count took place on the 8<sup>th</sup>. The count covered all areas in the Mai Po Inner Deep Bay Ramsar site and the whole Deep Bay area, including Futian National Nature Reserve, Shenzhen and the Hong Kong Wetland Park, Tin Shui Wai, Hong Kong.

The total number of waterbird in the whole Deep Bay area was 9,360, of which 5,808 (62%) counted in the Ramsar site. The largest group comprised the waders at 5,029 (54%) counted and the second largest was the ardeids at 2,950 (32%) in the Deep Bay area. The high number of waders in Deep Bay was resulted by the arrival of some wintering species such as Marsh Sandpiper *Tringa stagnatilis* (840 individuals) and Common Greenshank *Tringa nebularia* (1,215 individuals) and also the presence of some passage migrants such as Black-winged Stilt *Himantopus himantopus* (668 individuals) and Wood Sandpiper *Tringa glareola* (563 individuals).

A comparison with previous years' counts and the average for the month is provided in Table 1. The number of waterbird in the whole Deep Bay area is marginally higher than the same figure of the previous year, while the number of waterbirds in the Ramsar Site has 9% decrease from the last year's figure. On the other hand, both numbers are still higher than the average figures.

Table 1. October waterbird counts 2002-2006.

October	2002	2003	2004	2005	2006	Average*	Std. Dev.*
Deep Bay area	8,449	5,381	7,052	9,307	9,360	8,084	2,363
Ramsar Site	8,183	3,119	5,146	6,389	5,808	5,442	1,651

\* Figures of average and the SD are calculated from the count since 1998 to the latest co

### Summary of Waterbird Count, October 2006

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	12	15	2					32		2	5	0	15	0	6	9	47	0	56	98		10
Great Crested Grebe																0			0	0		
Great Cormorant	15	11	3		1		3	9			6	53	2	9	7	61	72	4	137	180		
Dalmatian Pelican																0			0	0		
Grey Heron	30	22	135		108	14	18	19	3	14	7	9	2	14	18	149	37	140	326	562		36
Purple Heron																1			1	1		
Great Egret	10	15	295	40	266	10	6	13	50	3	9	21	4	36	8	62	65	322	449	848		140
Intermediate Egret	2	0			2		1	0		2	0	0	0	1	0	3	1	3	7	11		2
Little Egret	10	40	446	7	270	10	33	30	55	4	166	15	21	34	53	14	241	320	575	1208		38
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	0	0	3					2			12	15	3	5	1	0	34	0	34	41		13
Chinese Pond Heron	20	26	20				1	11	2	10	53	6	26	24	9	45	101	1	147	253		6
Striated Heron	0	0	1					0			0	0	0	0	0	0	0	0	0	1		
B-c Night Heron	2	2	5					2		1	3	1	0	1	0	3	5	0	8	20		1
Yellow Bittern	1	0	1					1			1	0	0	0	1	0	2	0	2	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																0			0	0		
Common Shelduck																0			0	0		
Eurasian Wigeon	0	0						0			0	0	0	0	0	0	0	0	0	0		
Falcatid Duck																0			0	0		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	19	0						0			0	0	0	0	0	17	0	0	17	36		7
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill																0			0	0		
Burmese Spotbill																0			0	0		
Northern Pintail			6													17			17	23		
Garganey	3		270													13			13	286		
Northern Shoveler			17													0			0	17		
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.			650													0			0	650		
Slaty-breasted Rail																0			0	0		
Water Rail																0			0	0		
White-breasted Waterhen	8	0	5		2			2	2	3	2	0	1	5	4	6	14	2	22	40		1
Watercock																0			0	0		
Common Moorhen	1	19	13					1		6	1	0	0	0	0	10	1	0	11	51		3
Eurasian Coot																0			0	0		
Pheasant-tailed Jacana		1														0			0	1		
Greater Painted Snipe																0			0	0		
Black-winged Stilt	25	1	101					9							1	531	9		540	668		

Pied Avocet															17		17	17		
Oriental Pratincole															0		0	0		
Northern Lapwing															0		0	0		
Grey-headed Lapwing			2												0		0	2		
Pacific Golden Plover			2												10		10	12		
Grey Plover															0		0	0		
Common Ringed Plover															0		0	0		
Little Ringed Plover	12	14	21				29	14	6	25	10	5	1	7	97	53	0	150	241	
Kentish Plover			6											9	0		0	15		
Lesser Sand Plover															0		0	0		
Greater Sand Plover															0		0	0		
Black-tailed Godwit															683		683	683		
Bar-tailed Godwit															1		1	1		
Whimbrel								1	11						80		80	92		
Eurasian Curlew															103		103	103		
Far Eastern Curlew															0		0	0		
Spotted Redshank									10						36		36	46		
Common Redshank			31												270		270	301		
Marsh Sandpiper	1		134												705		705	840		
Common Greenshank			108	1					57						1049		1	1050	1215	
Nordmann's Greenshank															1		1	1		
Green Sandpiper	1	6	7				28	1	3	6	1	1	1	2	0	31	0	31	57	
Wood Sandpiper	54	2	233				8		15	4	0	0	1	0	246	10	0	256	563	
Terek Sandpiper															0		0	0		
Common Sandpiper	2	8	6				18	9	13	4	2	6	3	9	0	33	0	33	80	
Grey-tailed Tattler															4		4	4		
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	8								2						0		0	10		
Common Snipe	10	1	4												0		0	15		
Long-billed Dowitcher															0		0	0		
Asian Dowitcher															0		0	0		
Red Knot															3		3	3		
Great Knot															9		9	9		
Sanderling															0		0	0		
Red-necked Stint															0		0	0		
Little Stint															0		0	0		
Temminck's Stint	19														0		0	19		
Long-toed Stint															1		1	1		
Pectoral Sandpiper															0		0	0		
Sharp-tailed Sandpiper															0		0	0		
Dunlin															1		1	1		
Curlew Sandpiper															0		0	0		
Spoon-billed Sandpiper															0		0	0		
Broad-billed Sandpiper															0		0	0		
Ruff															2		2	2		
Small wader spp.															0		0	0		
Wader sp.			27												0		0	27		22
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																0			0	0		
Gull-billed Tern																0			0	0		
Caspian Tern																0			0	0		
<b>Total</b>	<b>265</b>	<b>183</b>	<b>2554</b>	<b>48</b>	<b>649</b>	<b>34</b>	<b>62</b>	<b>214</b>	<b>137</b>	<b>162</b>	<b>304</b>	<b>133</b>	<b>86</b>	<b>135</b>	<b>135</b>	<b>4259</b>	<b>756</b>	<b>793</b>	<b>5808</b>	<b>9360</b>	<b>0</b>	<b>279</b>
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SW</b>	<b>SI</b>																
<b>Cormorants</b>	<b>180</b>	<b>1.9</b>	<b>137</b>	<b>2.4</b>	<b>0</b>	<b>0</b>																
<b>Ardeids etc</b>	<b>2950</b>	<b>31.5</b>	<b>1549</b>	<b>26.7</b>	<b>0</b>	<b>236</b>																
<b>Ducks, grebes, pelicans</b>	<b>1110</b>	<b>11.9</b>	<b>103</b>	<b>1.8</b>	<b>0</b>	<b>17</b>																
<b>Rails, Coot etc</b>	<b>91</b>	<b>1.0</b>	<b>33</b>	<b>0.6</b>	<b>0</b>	<b>4</b>																
<b>Waders</b>	<b>5029</b>	<b>53.7</b>	<b>3986</b>	<b>68.6</b>	<b>0</b>	<b>22</b>																
<b>Gulls and terns</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>																
<b>TOTAL</b>	<b>9360</b>		<b>5808</b>		<b>0</b>	<b>279</b>																

Date of count: 8 Oct 2006

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	1						2				2	0	1	2	3	7		1
Black Kite	0	2						1	2		0	9	1	1	2	0	12	2	14	18		
White-bellied Sea Eag																0			0	0		
Eastern Marsh Harrier			1													0			0	1		
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	4	2					2			0	0	0	0	1	1	3	0	4	12		1
Common Kingfisher	5	12	5					4		2	15	3	6	2	8	2	29	0	31	64		2
White-throated Kingfisher	3	0	9					9	2	1	2	3	0	0	1	6	9	0	15	36		
Black-capped Kingfisher	0	0	1				1	1	1		0	0	0	0	0	0	1	0	1	4		2
Red-billed Starling	0	0						0			0	0	1	0	0	0	1	1	2	1		
Collared Crow	1	0	1					3			2	5	0	1	1	2	10	0	12	16		
Common Kestral															2							

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

Programme 2006/07

Winter Count

November 2006

**Summary Report – November 2006**

Y.T. Yu

The 2006 November waterbird count took place on the 19<sup>th</sup>. The count completely covered all areas in the Mai Po Inner Deep Bay Ramsar site and the whole Deep Bay area, including Futian National Nature Reserve, Shenzhen and the Hong Kong Wetland Park, Tin Shui Wai, Hong Kong.

The total number of waterbird recorded in the whole Deep Bay area was 30,725, of which 22,947 (75%) individuals were counted in the Ramsar site. The largest group comprised the Ducks, grebes and pelicans at 12,462 (41%) counted and followed by the waders at 5,868 (19%) counted. This figure of Ducks, grebes and pelicans is also higher than the same figure in previous three years (i.e. 2005: 9,215 individuals; 2004: 7,205 individuals; 2003: 7,242 individuals). It clearly indicated arrivals of some wintering waterbirds to the Deep Bay area with comparing the count of 9,360 individuals in October.

A comparison with previous years' counts and the average for the month is provided in Table 1. Both numbers of waterbird in the whole Deep Bay area and in the Ramsar site are the second highest count since the commencement of this programme in 1998. The figure in the whole Deep Bay has 12% increase from the previous year's figure, while the number in the Ramsar site could even have 27% increase.

Table 1. November waterbird counts 2002-2006.

November	2002	2003	2004	2005	2006	Average*	Std. Dev.*
Deep Bay area	34,488	21,303	24,991	27,372	30,725	27,886	3,930
Ramsar Site	25,765	18,061	18,197	18,019	22,947	19,953	2,931

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

### Summary of Waterbird Count, November 2006

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	8	17	10					39		2	18	5	24	1	7	25	59	0	84	156		12
Great Crested Grebe			3			27										0			0	30		
Great Cormorant	602	149	369				95	86		320	62	2	5	107	27	3527	206	95	3828	5351		7
Dalmatian Pelican																0			0	0		
Grey Heron	120	45	190	28			211	37	8	120	21	8	9	16	4	219	63	239	521	1036		50
Purple Heron										1						1			1	2		
Great Egret	17	71	523	24			147	21	5	92	22	3	8	2	4	86	49	171	306	1025		184
Intermediate Egret	2	3		1				0		4	0	0	0	0	0	10	0	1	11	20		1
Little Egret	5	190	861	5			78	126	21	46	96	2	35	51	4	138	264	83	485	1658		62
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	0	0						0	7		13	0	0	12	0	0	25	0	25	32		
Chinese Pond Heron	19	19	66	3				3	9	1	59	2	18	16	4	13	77	3	93	232		7
Striated Heron	0	0						0			0	0	0	0	0	0	0	0	0	0		
B-c Night Heron	1	15	35					0			4	0	4	9	0	7	10	0	17	75		15
Yellow Bittern	0	0						0			0	0	0	0	0	0	0	0	0	0		
Cinnamon Bittern																0			0	0		
Great Bittern																0			0	0		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill	1															2			2	3		
Black-faced Spoonbill	7		33	6			25			15	9					207	9	31	247	302		
Lesser Whistling Duck																1			1	1		
Lesser White-fronted Goose	2															0				2		
Common Shelduck																0				0		
Eurasian Wigeon	23	0						0		2	0	0	0	0	0	377	1	0	378	402		2
Falcated Duck		2														0			0	2		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	141	9	157					2		101	4	0	0	0	0	61	2	0	63	475		168
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill																16			16	16		
Burmese Spotbill																0			0	0		
Northern Pintail			83							6	1					299	1		300	389		
Garganey			16							2	2					10	2		12	30		
Northern Shoveler			325													72			72	397		
Common Pochard																0			0	0		
Baer's Pochard																0			0	0		
Tufted Duck			317			15										0		15	15	332		
Greater Scaup																0			0	0		
Red-breasted Merganser																0			0	0		
Duck sp.						10410										0		10410	10410	10410		
Slaty-breasted Rail				1												0		1	1	1		
Water Rail																0			0	0		
White-breasted Waterhen	4	1	11	3			2	0	1	1	10	1	3	1	2	2	16	5	23	42		3
Watercock																0			0	0		

Common Moorhen	6	21	59	4				7		26	6	0	0	3	0	38	14	4	56	170		2
Eurasian Coot		1						1								6			6	8		
Pheasant-tailed Jacana																0			0	0		
Greater Painted Snipe										2						0			0	2		
Black-winged Stilt	11		118							2	2	2				23	3		26	158		
Pied Avocet	8		276	1				15								156		16	172	456		
Oriental Pratincole																0			0	0		
Northern Lapwing																0			0	0		
Grey-headed Lapwing			3													1			1	4		
Pacific Golden Plover			3													0			0	3		
Grey Plover				116												0		116	116	116		1
Common Ringed Plover																0			0	0		
Little Ringed Plover	5	12	65					2	20	25	20	27	0	25	0	0	57	0	57	201		
Kentish Plover			12	775					40							0		775	775	827		
Lesser Sand Plover				4												0		4	4	4		
Greater Sand Plover																0			0	0		
Black-tailed Godwit			563													0			0	563		
Bar-tailed Godwit			9													0			0	9		
Whimbrel				2												0		2	2	2		
Eurasian Curlew			2	64												0		64	64	66		
Far Eastern Curlew																0			0	0		
Spotted Redshank			12													1			1	13		
Common Redshank			77	6								1				0	1	6	7	84		
Marsh Sandpiper		1	44	388						10		5				0	5	388	393	448		
Common Greenshank			274	54						1	14		1			8	1	54	63	352		
Nordmann's Greenshank																0			0	0		
Green Sandpiper	6	15						0	1	1	7	1	3	2	0	1	9	0	10	37		
Wood Sandpiper	12	29	272					2		4	3	0	0	0	4	0	5	0	5	326		
Terek Sandpiper																0			0	0		
Common Sandpiper	2	10	24		1			7	6	2	12	7	4	18	2	1	44	1	46	96		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	6	2	33					2		2	4			1		0	3		3	50		
Long-billed Dowitcher																0			0	0		
Asian Dowitcher																0			0	0		
Red Knot																0			0	0		
Great Knot																0			0	0		1
Sanderling																0			0	0		
Red-necked Stint																0			0	0		
Little Stint																0			0	0		
Temminck's Stint	2	1	1													0			0	4		
Long-toed Stint			7													0			0	7		
Pectoral Sandpiper																0			0	0		
Sharp-tailed Sandpiper																0			0	0		
Dunlin				1990												0		1990	1990	1990		3
Curlew Sandpiper																0			0	0		
Spoon-billed Sandpiper																0			0	0		
Broad-billed Sandpiper																0			0	0		
Ruff																0			0	0		
Small wader spp.																0			0	0		
Wader sp.					50											0		50	50	50		12

Black-tailed Gull				1												0		1	1	1		
Heuglin's Gull				1												0		1	1	1		
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	69	2070	100			0			0	4	0	0	0	0	4	2170	2174	2243		
Saunders's Gull				13												0		13	13	13		
Whiskered Tern																0			0	0		
White-winged Tern																0			0	0		
Gull-billed Tern																0			0	0		
Caspian Tern																0			0	0		
<b>Total</b>	<b>1010</b>	<b>613</b>	<b>4922</b>	<b>5560</b>	<b>151</b>	<b>10452</b>	<b>573</b>	<b>335</b>	<b>119</b>	<b>801</b>	<b>375</b>	<b>71</b>	<b>113</b>	<b>264</b>	<b>58</b>	<b>5308</b>	<b>930</b>	<b>16709</b>	<b>22947</b>	<b>30725</b>	<b>0</b>	<b>532</b>

	<b>Deep</b>	<b>%</b>	<b>Ramsar</b>	<b>%</b>	<b>SW</b>	<b>SI</b>																
<b>Cormorants</b>	<b>5351</b>	<b>17.4</b>	<b>3828</b>	<b>16.7</b>	<b>0</b>	<b>7</b>																
<b>Ardeids etc</b>	<b>4385</b>	<b>14.3</b>	<b>1708</b>	<b>7.4</b>	<b>0</b>	<b>319</b>																
<b>Ducks, grebes, pelicans</b>	<b>12642</b>	<b>41.1</b>	<b>11351</b>	<b>49.5</b>	<b>0</b>	<b>182</b>																
<b>Rails, Coot etc</b>	<b>221</b>	<b>0.7</b>	<b>86</b>	<b>0.4</b>	<b>0</b>	<b>5</b>																
<b>Waders</b>	<b>5868</b>	<b>19.1</b>	<b>3785</b>	<b>16.5</b>	<b>0</b>	<b>19</b>																
<b>Gulls and terns</b>	<b>2258</b>	<b>7.3</b>	<b>2189</b>	<b>9.5</b>	<b>0</b>	<b>0</b>																
<b>TOTAL</b>	<b>30725</b>		<b>22947</b>		<b>0</b>	<b>532</b>																

Date of count: 19 Nov 2006

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			2	4	2			3	2							2	3		5	15		1
Black Kite	0	0						4	1		1	7	0	1	1	4	13	6	23	19		1
White-bellied Sea Eag																0			0	0		
Eastern Marsh Harrier		1	3					1								3	1		4	8		
Common Buzzard	2		2						1	1				1		1			1	8		
Greater Spotted Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0		
Imperial Eagle	0	1						0			0	0	0	0	0	1	0	0	1	2		
Peregrine Falcon																0			0	0		
Pied Kingfisher	1	3	6					6		2	1	2	1	0	0	5	9	0	14	27		3
Common Kingfisher	2	5	6					2		2	17	5	12	6	4	6	34	0	40	67		2
White-throated Kingfisher	2	3	11	4				1	3	1	3	2	2	0	0	4	8	0	12	36		2
Black-capped Kingfisher	0	0	4	4				1	1		0	0	1	0	0	1	2	4	7	13		
Red-billed Starling	12	34	164					0		3	0	217	228	292	15	51	668	5	724	1016		80
Collared Crow	0	0	5					2			0	4	1	0	0	5	7	0	12	17		

# WATERBIRD MONITORING PROGRAMME AT THE MAI PO INNER DEEP BAY RAMSAR SITE

---

Programme 2006/07

Winter Count

December 2006

---

## Summary Report – December 2006

Y.T. Yu

The 2006 December waterbird count took place on the 17<sup>th</sup>. The count completely covered all areas in the Mai Po Inner Deep Bay Ramsar site and the whole Deep Bay area, including Futian National Nature Reserve, Shenzhen and the Hong Kong Wetland Park, Tin Shui Wai, Hong Kong. Besides, an additional low-tide count was also arranged in the same day, which aims to provide additional information to the number of ducks and gulls present in the Deep Bay intertidal area. Counting sites of this low-tide count included Tsim Bei Tsui police jetty, Mai Po Nature Reserve, Mai Po boardwalk bird watching hide and Futian National Nature Reserve, Shenzhen.

Several high counts were made in this count. First, the largest group comprised the Ducks, grebes and pelicans at 23,099 (48%) and followed by the waders at 11,066 (23%). The figure of the Ducks, grebes and pelicans is also the highest count in past six years, while the waders figure is also the second highest. However, these ducks were still far away from counting points due to low high-tide water and a total of 14,450 individuals could only be counted as ‘unidentified ducks’. Details refer to Table 1. Other notable count was a total of 475 globally endangered Black-faced Spoonbills – a new high figure of this species in Hong Kong. This number is higher than another figure of 359 individuals recorded on 5 December 2006 (Bena Smith of WWF Hong Kong *pers. obs.*). This new high number comprised by 90 individuals recorded at Futian National Nature Reserve, Shenzhen, 21 individuals at the Hong Kong Wetland Park, Tin Shui Wai and 364 individuals at the Mai Po Nature Reserve.

The low-tide count could provide a good count of gulls and further details of low-tide count refer to table 1. By combining these figures, the total number of waterbird recorded in the whole Deep Bay area was 55,980 individuals, of which 45,596 (81%) were counted within the Ramsar site. A comparison with previous years’ count and the average for the month is provided in table 2. Both figures of the whole Deep Bay area and the Ramsar site are the new high since the commencement

of this programme in 1998. The waterbird number of the Deep Bay area have increased by 40% of previous year's figure, while the number of the Ramsar site could have a considerable increase of 70% from the previous year's figure.

Table 1. Numbers of waterbirds in high-tide and low-tide Waterbird Count in the whole Deep Bay area, December 2006. Numbers in the parenthesis are the figures of the Ramsar site.

Groups	High-tide count	Low-tide count	Maximum figure
Cormorants	6,913 (5,295)	2,810 (2,772)	6,913 (5,295)
Ardeids	4,396 (2,207)	1,061 (966)	4,396 (2,207)
Ducks, grebes and pelicans	23,099 (20,563)	18,120 (6,120)	23,099 (20,563)
Rails and Coots	509 (72)	37 (37)	509 (72)
Waders	11,066 (7,459)	703 (279)	11,066 (7,459)
Gulls and terns	2,548 (1,329)	10,000 (10,000)	10,000 (10,000)
Total	48,531 (36,925)	32,731 (20,174)	55,983 (45,596)

Table 2. November waterbird counts 2002-2006.

November	2002	2003	2004	2005	2006	Average*	Std. Dev.*
Deep Bay area	39,036	37,578	42,329	39,894	55,983	44,283	7,120
Ramsar Site	26,580	31,753	33,770	26,813	45,596	32,354	7,245

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

### Summary of Waterbird Count, December 2006

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	16	15	7					24			6	0	11	0	8	40	30	0	70	127		8
Great Crested Grebe			208		252	320			10							0		572	572	790		
Great Cormorant	432	170	956					8		35	1	2	0	45	23	5241	54	0	5295	6913		23
Dalmatian Pelican																0			0	0		
Grey Heron	78	30	151	3	21		13	67	2	127	13	4	51	14	23	298	64	52	414	895		42
Purple Heron																3			3	3		
Great Egret	42	32	322	59	11		18	172	4	13	95	1	77	7	97	280	188	116	584	1230		125
Intermediate Egret	1	2						0		5	0	0	0	0	0	10	0	0	10	18		2
Little Egret	30	124	420	26	1		4	124	12	9	195	2	343	26	64	185	514	53	752	1565		35
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	0	0						22			4	1	9	2	0	2	19	0	21	40		
Chinese Pond Heron	9	19	34	7				5	2	6	6	5	5	11	29	13	29	7	49	151		9
Striated Heron	0	0						0			0	0	0	0	0	0	0	0	0	0		
B-c Night Heron	0	6	3					0			0	0	0	0	0	8	0	0	8	17		11
Yellow Bittern	0	0						0			0	0	0	0	0	0	0	0	0	0		
Cinnamon Bittern																0			0	0		
Great Bittern																0			0	0		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill																2			2	2		
Black-faced Spoonbill			90	7*	9*			3*		21		2*				364	2*	16*	364	475		
Lesser Whistling Duck																1			1	1		
Lesser White-fronted Goose																2			2	2		
Common Shelduck																0			0	0		
Eurasian Wigeon	14	0	746	520	15			0		11	5	0	0	3	0	328	3	535	866	1642		
Falcated Duck			1													2			2	3		
Gadwall																9			9	9		
Baikal Teal																0			0	0		
Common Teal	112	15	64		15			0		98	0	0	0	0	0	49	0	15	64	353		87
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill	3															8			8	11		
Burmese Spotbill																0			0	0		
Northern Pintail	14	2	312	860	5					20						343		865	1208	1556		
Garganey										20						17			17	37		
Northern Shoveler			813		14		7			4						214		21	235	1052		1
Common Pochard																0			0	0		
Baer's Pochard																0			0	0		
Tufted Duck		7			2830											216		2830	3046	3053		
Greater Scaup					1	12										0		13	13	13		
Red-breasted Merganser																0			0	0		
Duck sp.				4980	470											9000		5450	14450	14450		
Slaty-breasted Rail			1													0			0	1		
Water Rail																0			0	0		
White-breasted Waterhen	1	0	3	3				0			1	0	0	0	2	2	1	3	6	12		1
Watercock																0			0	0		
Common Moorhen	7	4	37					5		19	0	0	0	0	1	45	3	0	48	118		1
Eurasian Coot			360													18			18	378		
Pheasant-tailed Jacana																0			0	0		

Greater Painted Snipe																	0			0	3		
Black-winged Stilt	15		106														107			107	228		
Pied Avocet	12		2173	1853*													2936	36	1853*	2972	5163		
Oriental Pratincole																	0			0	0		
Northern Lapwing																	0			0	0		
Grey-headed Lapwing																	0			0	0		
Pacific Golden Plover			3														0			0	3		
Grey Plover			3	386													0	386		386	389		4
Common Ringed Plover																	0			0	0		
Little Ringed Plover	28	0	45				18	69	30	20	10	5	0	0		0	33	0	33	225		1	
Kentish Plover			65					5									0			0	70		
Lesser Sand Plover																	0			0	0		
Greater Sand Plover																	0			0	0		
Black-tailed Godwit				420*													530		420*	530	530		
Bar-tailed Godwit				1													0		1	1	1		
Whimbrel				2													1		2	3	3		
Eurasian Curlew			4	41				1									542		41	583	588		
Far Eastern Curlew																	2			2	2		
Spotted Redshank			250														146			146	398		
Common Redshank				200													100		200	300	300		
Marsh Sandpiper	1																1			1	205		
Common Greenshank			39					9	20								174			174	242		
Nordmann's Greenshank																	0			0	0		
Green Sandpiper	3	10	3				7	1		1	5	1	0	0		0	15	0	15	31		2	
Wood Sandpiper	11	0	262				0		4	7	1	0	0	7		0	1	0	1	292			
Terek Sandpiper																	0			0	0		
Common Sandpiper	6	10	10				11	5	4	13	8	3	3	3		2	32	0	34	78		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	1	2	29						3	1							0			0	36		
Long-billed Dowitcher																	0			0	0		
Asian Dowitcher																	0			0	0		
Red Knot				4													0		4	4	4		
Great Knot				15													0		15	15	15		1
Sanderling																	0			0	0		
Red-necked Stint				1													0		1	1	1		
Little Stint																	0			0	0		
Temminck's Stint	10			8						2							0			0	20		
Long-toed Stint	1																0			0	1		
Pectoral Sandpiper																	0			0	0		
Sharp-tailed Sandpiper																	0			0	0		
Dunlin				85													0			0	85		
Curlew Sandpiper																	0			0	0		
Spoon-billed Sandpiper																	0			0	0		
Broad-billed Sandpiper																	0			0	0		
Ruff				2	1												0		1	1	3		
Small wader spp.				2150													0		2150	2150	2150		
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		



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

---

Programme 2006/07

Winter Count

January 2007

---

**Summary Report – January 2007**

Y.T. Yu

The 2007 January waterbird count took place on the 14<sup>th</sup>. The count covered the whole Deep Bay area, including the Mai Po Inner Deep Bay Ramsar site, the Hong Kong Wetland Park at Tin Shui Wai and Futian National Nature Reserve, Shenzhen, China. A supplementary low-tide count was also conducted on the same day and counting was done from Tsim Bei Tsui police jetty, Mai Po Nature Reserve, Mai Po boardwalk bird watching hide and the Futian National Nature Reserve.

A total of 55,300 waterbirds was counted during the high tide count, of which 42,793 (77%) individuals were recorded in the Ramsar site area. The largest flock comprised the Ducks, grebes and pelicans at 27,913 (51%) individuals and the second largest is the waders at 12,326 (22%) individuals. Three waterbird species were counted in the new high figures for the Deep Bay area (i.e. including the Shenzhen side), including 8,930 Northern Shovelers *Anas clypeata*, 4,285 Tufted Ducks *Aythya fuligula* (which was on 15 January 2007 provided by Bena Smith of WWF HK) and 6117 Pied Avocets *Recurvirostra avosetta*. During the low tide count, a total of 36,064 waterbirds was counted, of which ducks were recorded at 17,850 individuals and Black-headed Gulls *Larus ridibundus* were recorded at 12,000 individuals. By combining both counts, the total number of waterbirds present in the Deep Bay area was 65,909, of which 46,372 (70%) individuals were recorded in the Ramsar site. Details are referred to table 1.

A comparison with previous year's count and the average for the month is provided in table 2. The figure of the whole Deep Bay area is the new high since the commencement of this programme in 1998. It is also the second highest count of all the Deep Bay Waterbird Count, while the highest count was 67,653 in January 1996. The figure of the Deep Bay area have increased by 38% of the previous year's figure and the figure of the Ramsar site could even have a considerable increase of 87% from the previous year's figure.

Table 1. Numbers of waterbirds in high-tide and low-tide Waterbird Count in the whole Deep Bay area, January 2007. Numbers in the parenthesis are the figures of the Ramsar site.

Groups	High-tide count	Low-tide count	Maximum figure
Cormorants	10,081 (7,041)	4,617 (4,615)	10,081 (7,041)
Ardeids	3,157 (1,889)	790 (671)	3,157 (1,889)
Ducks, grebes and pelicans	27,913 (22,252)	17,850 (7,850)	27,913 (22,252)
Rails and Coots	432 (162)	73 (73)	432 (162)
Waders	12,326 (10,358)	734 (146)	12,326 (10,358)
Gulls and terns	1,391 (1,091)	12,000 (4,670)	12,000 (4,670)
Total	55,300 (42,793)	36,064 (18,025)	65,909 (46,372)

Table 2. January waterbird counts 2003-2007.

	2003	2004	2005	2006	2007	Average*	Std. Dev.*
Deep Bay area	53,795	27,927	54,454	47,627	65,909	51,749	9,631
Ramsar Site	40,272	23,915	34,623	24,740	46,372	38,177	9,871

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

### Summary of Waterbird Count, January 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	10	19						38	9		21	0	12	0	15	33	48	0	81	157		
Great Crested Grebe			91		9			1		115						0	1	9	10	216		
Great Cormorant#													3040			7041		0	7041	10081	3	47
Dalmatian Pelican																0			0	0		
Grey Heron	133	37	77	4	8		77	31	118	6	33	5	7	22	24	316	67	89	472	898	15	81
Purple Heron#																1			1	1		
Great Egret	38	7	167	210	19		13	40	2	7	56	0	12	11	29	85	81	242	408	696	34	228
Intermediate Egret	1	0		8				1	3		0	0	3	0	0	12	3	8	23	28		1
Little Egret	20	26	196	141	15		20	84	5	35	91	33	116	13	24	123	188	176	487	942	6	21
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	0	0						23			9	17	2	0	9	0	39	0	39	60		1
Chinese Pond Heron	1	11	3	5				23		8	36	4	12	13	18	15	83	5	103	149	8	3
Striated Heron	0	0						0			0	0	0	0	0	0	0	0	0	0		
B-c Night Heron	0	3	3					0			0	0	0	0	0	6	0	0	6	12	3	
Yellow Bittern	0	0						0	1		1	0	0	0	0	0	1	0	1	2		
Cinnamon Bittern																0			0	0		
Great Bittern#																4			4	4		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill																7			7	7		
Black-faced Spoonbill	10		4					5	6						1*	333	5		338	358		
Lesser Whistling Duck#																1			1	1		
Lesser White-fronted Goose#																2			2	2		
Common Shelduck#					44											0		44	44	44		
Eurasian Wigeon	18	0	1027	3126		653		1	12	30	24	0	0	0	25	687	16	3779	4482	5603		
Falcated Duck				5												0		5	5	5		
Gadwall																9			9	9		
Baikal Teal#																1			1	1		
Common Teal	106	60	153	49		15	321	0	116		0	0	0	0	64	427	0	385	812	1311		
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill#																17			17	17		
Burmese Spotbill																0			0	0		
Northern Pintail	9		20	935					34							2349	3	935	3287	3360		
Garganey#																126			126	126		
Northern Shoveler	13		3648	4770		15			8							476		4785	5261	8930		
Common Pochard							9									0		9	9	9		
Baer's Pochard																0			0	0		
Tufted Duck#																4285			4285	4285		
Greater Scaup																0			0	0		
Red-breasted Merganser																0			0	0		
Duck sp.					3560		260		17							0		3820	3820	3837		41
Slaty-breasted Rail																0			0	0		
Water Rail																0			0	0		
White-breasted Waterhen	3	4	5				1	5			4	0	0	0	1	4	6	1	11	27	3	3
Watercock																0			0	0		
Common Moorhen	3	30	10	2			13	6	2		15	0	1	3	0	72	26	15	113	157		
Eurasian Coot			210													38			38	248		
Pheasant-tailed Jacana																0			0	0		

Greater Painted Snipe														0			0	0					
Black-winged Stilt	17		413								25			13	25		38	468					
Pied Avocet	8		382	1437			33							4257		1470	5727	6117					
Oriental Pratincole														0			0	0					
Northern Lapwing														0			0	0					
Grey-headed Lapwing							1							0		1	1	1					
Pacific Golden Plover			6											0			0	6					
Grey Plover														0			0	0					
Common Ringed Plover														0			0	0					
Little Ringed Plover	7	40	32				5	61	22	9	0	0	1	53	0	12	0	12	230				
Kentish Plover														0			0	0					
Lesser Sand Plover#				3										0		3	3	3					
Greater Sand Plover														0			0	0					
Black-tailed Godwit				205										1		205	206	206					
Bar-tailed Godwit														0			0	0					
Whimbrel				1										0		1	1	1					
Eurasian Curlew			1	1048										0		1048	1048	1049					
Far Eastern Curlew														0			0	0					
Spotted Redshank	1		200	421			23		53					105		444	549	803					
Common Redshank				550								1		0		550	550	551					
Marsh Sandpiper	1		20	39			63		128	1				97		102	199	349					
Common Greenshank			125	123			15		80	40				79		138	217	462					
Nordmann's Greenshank														0			0	0					
Green Sandpiper	6	8					1	6		3	3	6	4	0	2	0	19	1	20	39			
Wood Sandpiper	6	13	136					10	37			0	4	2	5	1	0	21	0	21	214		1
Terek Sandpiper														0			0	0					
Common Sandpiper	6	5	2				2	16	7	1	14	6	0	1	4	0	34	2	36	64		2	1
Grey-tailed Tattler														0			0	0					
Ruddy Turnstone														0			0	0					
Red-necked Phalarope														0			0	0					
Pintail Snipe														0			0	0					
Swinhoe's Snipe														0			0	0					
Pintail/Swinhoe's Snipe														0			0	0					
Common Snipe	1	3	2						3					0			0	9		1			
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	5	5							14					0			0	24					
Long-toed Stint														0			0	0					
Pectoral Sandpiper														0			0	0					
Sharp-tailed Sandpiper														0			0	0					
Dunlin														0			0	0					
Curlew Sandpiper														0			0	0					
Spoon-billed Sandpiper														0			0	0					
Broad-billed Sandpiper														0			0	0					
Ruff														0			0	0					
Small wader spp.#				1730										0		1730	1730	1730					
Wader sp.														0			0	0					
Black-tailed Gull														0			0	0					
Heuglin's Gull									6					0			0	6					
Yellow-legged Gull														0			0	0					
Slaty-backed Gull														0			0	0					
Pallas's Gull														0			0	0					

Large Gull spp.																0			0	<b>0</b>		
Brown-headed Gull																0			0	<b>0</b>		
Black-headed Gull	1	7	7	1080				0		263	0	0	11	0	0	0	11	1080	1091	<b>1369</b>		
Saunders's Gull				16												0			0	<b>16</b>		
Whiskered Tern																0			0	<b>0</b>		
White-winged Tern																0			0	<b>0</b>		
Gull-billed Tern																0			0	<b>0</b>		
Caspian Tern																0			0	<b>0</b>		
<b>Total</b>	<b>424</b>	<b>278</b>	<b>6940</b>	<b>15908</b>	<b>3655</b>	<b>683</b>	<b>852</b>	<b>295</b>	<b>716</b>	<b>537</b>	<b>317</b>	<b>75</b>	<b>3247</b>	<b>72</b>	<b>279</b>	<b>21022</b>	<b>689</b>	<b>21082</b>	<b>42793</b>	<b>55300</b>	<b>74</b>	<b>429</b>
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SW</b>	<b>SI</b>																
<b>Cormorants</b>	<b>10081</b>	<b>18.2</b>	<b>7041</b>	<b>16.5</b>	<b>3</b>	<b>47</b>																
<b>Ardeids etc</b>	<b>3157</b>	<b>5.7</b>	<b>1889</b>	<b>4.4</b>	<b>66</b>	<b>335</b>																
<b>Ducks, grebes, pelicans</b>	<b>27913</b>	<b>50.5</b>	<b>22252</b>	<b>52.0</b>	<b>0</b>	<b>41</b>																
<b>Rails, Coot etc</b>	<b>432</b>	<b>0.8</b>	<b>162</b>	<b>0.4</b>	<b>3</b>	<b>3</b>																
<b>Waders</b>	<b>12326</b>	<b>22.3</b>	<b>10358</b>	<b>24.2</b>	<b>2</b>	<b>3</b>																
<b>Gulls and terns</b>	<b>1391</b>	<b>2.5</b>	<b>1091</b>	<b>2.5</b>	<b>0</b>	<b>0</b>																
<b>TOTAL</b>	<b>55300</b>		<b>42793</b>		<b>74</b>	<b>429</b>																
Date of count: 14 Jan 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																						
Count with asterisk is not included in the total number because of possible double-counting.																						
<b>Wetland-dependant species</b>																						
<b>Species</b>	<b>SRA</b>	<b>SRB</b>	<b>DBA</b>	<b>DBB</b>	<b>DBC</b>	<b>DBD</b>	<b>DBE</b>	<b>DBF (TBT)</b>	<b>WEP</b>	<b>NW / LFS</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Shuen Wan</b>	<b>Starling Inlet</b>
Osprey			3	3	1	1		1		5	1			1	1	1	1		2	<b>18</b>	1	
Black Kite	0	3	3					0	1		2	2	2	2	5	3	7	0	10	<b>23</b>	5	
White-bellied Sea Eag																0			0	<b>0</b>	1	
Eastern Marsh Harrier			2	2												4			4	<b>8</b>		
Common Buzzard		3					1		2							1			1	<b>7</b>		
Greater Spotted Eagle	0	0						0			0	1	0	0	0	0	1	0	1	<b>1</b>		
Imperial Eagle	0	0						0			0	0	0	0	0	2	0	0	2	<b>2</b>		
Peregrine Falcon																0			0	<b>0</b>		
Pied Kingfisher	0	1	5	1			1	2	2		2	0	1	0	1	1	4	2	7	<b>17</b>		
Common Kingfisher	2	10	2					2	3	1	10	3	3	2	3	5	19	0	24	<b>46</b>	2	
White-throated Kingfisher	0	1	7	3			1	2	2		2	1	3	3	1	1	11	4	16	<b>27</b>	1	1
Black-capped Kingfisher	0	0	2	4				0		1	0	0	0	0	0	0	0	4	4	<b>7</b>		
Red-billed Starling	99	0	22			20		0			82	730	55	0	60	0	829	20	849	<b>1068</b>	80	
Collared Crow	0	0	2				1	0			0	5	1	0	0	1	6	1	8	<b>10</b>	2	2
Common Kestrel																1						

# WATERBIRD MONITORING PROGRAMME AT THE MAI PO INNER DEEP BAY RAMSAR SITE

---

Programme 2006/07

Winter Count

February 2007

---

## Summary Report – February 2007

Y.T. Yu

The 2007 February waterbird count was scheduled on 11<sup>th</sup>. The coverage is complete to cover the whole Deep Bay area, including the Mai Po Inner Deep Bay Ramsar site, the Hong Kong Wetland Park at Tin Shui Wai and Futian National Nature Reserve, Shenzhen, China. A supplementary low-tide count was also conducted on the same day and counting was done from Tsim Bei Tsui police jetty, Mai Po Nature Reserve, Mai Po boardwalk bird watching hide and the Futian National Nature Reserve.

A total of 70,303 waterbirds was counted in the whole Deep Bay area during the high tide period, of which 33,782 (48%) waterbirds were recorded in the Ramsar site area. The largest flock comprised the Ducks, grebes and pelicans at 33,779 (48%) individuals and the second largest group was the waders at 19,054 (27%) individuals. Two species of waterbirds were counted in the new high figures for the Deep Bay area (i.e. including counts from the Futian Nature Reserve, Shenzhen). Eurasian Wigeon *Anas Penelope* was counted in total of 5,764 birds, of which 2,486 individuals were recorded in Futian. The previous high count was 4,041 in winter 1994-95. Pied Avocet *Recurvirostra avosetta* was counted at 11,957 individuals including 3,250 birds counted at Futian. The previous highest count was 6,117 recorded just in 2007 January waterbird count. Conversely, two species of waterbirds were noted in low numbers. Only, 6,700 Black-headed Gull *Larus ridibundus* were counted during the low-tide count and this figure is exceptional low comparing to 14,000 individuals in the previous month. The charismatic Dalmatian Pelicans have not been recorded in the Deep Bay area in this winter. The supplementary low-tide count did not provide more representative figures in this count. Details are referred to table 1.

A comparison with previous year's count and the average for the month is provided in table 2. The figure of the whole Deep Bay is the new high to this

waterbird monitoring programme, while the previous highest count was 67,653 recorded in January 1996. In contrast, the figure of the Ramsar site at 33,782 birds is just similar to the average figure, but it is decreased 20% from the previous year's figure. It indicates that the number of waterbird increased outside the Ramsar site area – a total of 33,779 waterbirds was counted in Futian, Shenzhen in this count.

Table 1. Numbers of waterbirds in high-tide and low-tide Waterbird Count in the whole Deep Bay area, February 2007. Numbers in the parenthesis are the figures of the Ramsar site.

Groups	High-tide count	Low-tide count	Maximum figure
Cormorants	6,104 (5,591)	3,896 (3,895)	6,104 (5,591)
Ardeids	3,693 (1,540)	912 (787)	3,693 (1,540)
Ducks, grebes and pelicans	33,779 (10,772)	24,542 (5,542)	33,779 (10,772)
Rails and Coots	798 (118)	70 (70)	798 (118)
Waders	19,054 (11,431)	826 (13)	19,054 (11,431)
Gulls and terns	6,875 (4,330)	6,701 (6,700)	6,875 (4,330)
Total	70,303 (33,782)	36,947 (17,007)	70,303 (33,782)

Table 2. February waterbird counts 2003-2007.

	2003	2004	2005	2006	2007	Average*	Std. Dev.*
Deep Bay area	38,491	25,466	41,722	56,889	70,303	44,721	13,590
Ramsar Site	26,237	13,892	30,754	42,943	33,782	32,294	11,765

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

### Summary of Waterbird Count, February 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	10	9	2					21		5	4	0	8	2	10	52	21	0	73	123		4
Great Crested Grebe			30	16		107			222							0		123	123	375		
Great Cormorant	76	173	82					84	2	32	53	30	15	184	73	5300	291	0	5591	6104	3	47
Dalmatian Pelican																0		0	0	0		
Grey Heron	55	28	95	2				83	3	191	13	20	12	13	6	180	70	55	305	701	22	69
Purple Heron										1						1			1	2		
Great Egret	8	10	139	107				80	28	61	31	9	14	2	1	108	83	131	322	598	64	231
Intermediate Egret	2	0		17				0		1	0	1	0	0	1	7	1	17	25	29		1
Little Egret	13	38	477	56				139	168	292	278	7	230	8	39	224	389	56	669	1969	8	55
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	7	0						11	4		35	2	4	0	11	3	17	0	20	77	1	1
Chinese Pond Heron	4	16	20					4	8		25	9	12	7	17	4	42	0	46	126	6	4
Striated Heron	0	0						0	0	0	0	0	0	0	0	0	0	0	0	0		
B-c Night Heron	0	0	2					0		0	0	0	0	1	0	0	1	0	1	3	3	30
Yellow Bittern	0	0						0		0	0	0	0	0	0	0	0	0	0	0		
Cinnamon Bittern																0			0	0		
Great Bittern																0			0	0		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill																1			1	1		
Black-faced Spoonbill			13							18					6	150			150	187		
Common Shelduck				35												0		35	35	35		
Eurasian Wigeon	26	0	2486	1750		141		0	1051		0	0	0	0	0	310	0	1891	2201	5764		
Falcated Duck				5												0		5	5	5		
Gadwall																3			3	3		
Baikal Teal																0			0	0		
Common Teal	106	0	444	760				70		36	0	0	0	0	2	533	0	830	1363	1951		57
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill																2			2	2		
Burmese Spotbill																0			0	0		
Northern Pintail	13		432	2630				165								331		2918	3249	3571		1
Garganey										25						32			32	57		
Northern Shoveler			3948	1465				169		22						229		1634	1863	5833		
Common Pochard																0			0	0		
Baer's Pochard																0			0	0		
Tufted Duck	10	9	1150	1490		202		88								46		1752	1798	2995		
Greater Scaup																0			0	0		
Red-breasted Merganser																0			0	0		
Duck sp.			13040			25										0		25	25	13065		
Slaty-breasted Rail																0			0	0		
Water Rail																0			0	0		
White-breasted Waterhen	0	1	4	1				7	2	1	0	1	1	0	0	0	4	1	5	18	4	1
Watercock																0			0	0		
Common Moorhen	8	28	20					5		15	12	0	0	4	0	68	15	0	83	160	1	6
Eurasian Coot			590													30			30	620		
Pheasant-tailed Jacana																0			0	0		
Greater Painted Snipe																0			0	0		
Black-winged Stilt			176					35								0		35	35	211		

Pied Avocet			3250	8680					27						0		8707	8707	11957		
Oriental Pratincole															0			0	0		
Northern Lapwing															0			0	0		
Grey-headed Lapwing			3								1				0			0	4		
Pacific Golden Plover															0			0	0		
Grey Plover				390											0		390	390	390		
Common Ringed Plover															0			0	0		
Little Ringed Plover	7	17	26						3	24	17	61	4	1	0	29	0	7	0	7	189
Kentish Plover															0			0	0		
Lesser Sand Plover															0			0	0		
Greater Sand Plover															0			0	0		
Black-tailed Godwit				410*											693			693	693		
Bar-tailed Godwit				1											0		1	1	1		
Whimbrel				1											0		1	1	1		
Eurasian Curlew			47	697					1						0		697	697	745		
Far Eastern Curlew															0			0	0		
Spotted Redshank			750												401			401	1151		
Common Redshank			55	215											0		215	215	270		
Marsh Sandpiper			724	70											2		70	72	796		
Common Greenshank			1363	51							4				104		51	155	1522		
Nordmann's Greenshank															0			0	0		
Green Sandpiper	3	6							0	7	2	0	0	1	0	3	0	3	19		
Wood Sandpiper	14	39	253						0	4	34	2	0	0	8	0	3	0	3	354	
Terek Sandpiper															0			0	0		
Common Sandpiper	5	8	3						6	5	3	9	5	1	1	5	0	19	0	19	51
Grey-tailed Tattler															0			0	0		3
Ruddy Turnstone															0			0	0		1
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	1	4	2								1				0			0	8		
Long-billed Dowitcher															0			0	0		
Asian Dowitcher															0			0	0		
Red Knot				4											0		4	4	4		
Great Knot				28											0		28	28	28		
Sanderling															0			0	0		
Red-necked Stint															0			0	0		
Little Stint															0			0	0		
Temminck's Stint	3										6				0			0	9		
Long-toed Stint															0			0	0		
Pectoral Sandpiper															0			0	0		
Sharp-tailed Sandpiper															0			0	0		
Dunlin															0			0	0		
Curlew Sandpiper															0			0	0		
Spoon-billed Sandpiper															0			0	0		
Broad-billed Sandpiper															0			0	0		
Ruff			1												0			0	1		
Small wader spp.															0			0	0		
Wader sp.			650												0			0	650		
Black-tailed Gull				1											0		1	1	1		
Mew Gull				1											0		1	1	1		
Heuglin's Gull				209											0		209	209	209		
Yellow-legged Gull				5											0		5	5	5		
Slaty-backed Gull				1											0		1	1	1		
Pallas's Gull															0			0	0		
Large Gull spp.															0			0	0		

Brown-headed Gull																0		0	0			
Black-headed Gull	24	0	1711	3800				73	810		0	200	0	0	0	1	200	3873	4074	6619		
Saunders's Gull				37												0		37	37	37		
Whiskered Tern																0			0	0		
White-winged Tern																0			0	0		
Gull-billed Tern																0			0	0		
Caspian Tern				2												0		2	2	2		
<b>Total</b>	<b>395</b>	<b>386</b>	<b>31988</b>	<b>22527</b>	<b>0</b>	<b>475</b>	<b>0</b>	<b>1070</b>	<b>2328</b>	<b>736</b>	<b>562</b>	<b>292</b>	<b>298</b>	<b>222</b>	<b>209</b>	<b>8815</b>	<b>1166</b>	<b>23801</b>	<b>33782</b>	<b>70303</b>	115	508
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SW</b>	<b>SI</b>																
<b>Cormorants</b>	<b>6104</b>	<b>8.7</b>	<b>5591</b>	<b>16.6</b>	<b>3</b>	<b>47</b>																
<b>Ardeids etc</b>	<b>3693</b>	<b>5.3</b>	<b>1540</b>	<b>4.6</b>	<b>104</b>	<b>391</b>																
<b>Ducks, grebes, pelicans</b>	<b>33779</b>	<b>48.0</b>	<b>10772</b>	<b>31.9</b>	<b>0</b>	<b>62</b>																
<b>Rails, Coot etc</b>	<b>798</b>	<b>1.1</b>	<b>118</b>	<b>0.3</b>	<b>5</b>	<b>7</b>																
<b>Waders</b>	<b>19054</b>	<b>27.1</b>	<b>11431</b>	<b>33.8</b>	<b>3</b>	<b>1</b>																
<b>Gulls and terns</b>	<b>6875</b>	<b>9.8</b>	<b>4330</b>	<b>12.8</b>	<b>0</b>	<b>0</b>																
<b>TOTAL</b>	<b>70303</b>		<b>33782</b>		<b>115</b>	<b>508</b>																
Date of count: 11 Feb 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																						
<b>Wetland-dependant species</b>																						
<b>Species</b>	<b>SRA</b>	<b>SRB</b>	<b>DBA</b>	<b>DBB</b>	<b>DBC</b>	<b>DBD</b>	<b>DBE</b>	<b>DBF (TBT)</b>	<b>NW / LFS</b>	<b>WEP</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Shuen Wan</b>	<b>Starling Inlet</b>
Osprey	1		3	5					3					2	1	0	2		2	15	1	1
Black Kite	4	12	9	2				20	1		3	8	1	4	13	3	34	2	39	80	6	1
White-bellied Sea Eag															2	0			0	2	1	
Eastern Marsh Harrier			2	2												2			2	6		
Common Buzzard	1															1			1	2	1	
Greater Spotted Eagle	0	2						0			0	0	0	2	0	0	2	0	2	4		
Imperial Eagle	0	0						0			0	0	0	1	0	2	1	0	3	3		
Peregrine Falcon																0			0	0		
Pied Kingfisher	2	0	2					2	2	2	0	2	0	2	1	0	6	0	6	15		
Common Kingfisher	4	5	3					0	2	2	10	3	4	3	2	4	20	0	24	42	2	2
White-throated Kingfisher	1	0	4					1			0	2	0	0	1	1	3	0	4	10	1	1
Black-capped Kingfisher	0	0	3					0	1		0	1	0	0	0	0	1	0	1	5		1
Red-billed Starling	40	0	45					12			18	300	0	49	525	0	373	0	373	989	260	
Collared Crow	0	0	1					2		1	1	7	0	0	0	3	10	0	13	15	2	

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

---

Programme 2006/07

Winter Count

March 2007

---

**Summary Report – March 2007**

Y.T. Yu

The 2007 March waterbird count took place on 11<sup>th</sup>. This count completely covered the whole Deep Bay area, including the Mai Po Inner Deep Bay Ramsar site, the Hong Kong Wetland Park at Tin Shui Wai and Futian National Nature Reserve, Shenzhen, China.

A total of 36,606 waterbirds was counted in the whole Deep Bay area, of which 23,711 (65%) individuals were recorded in the Ramsar site area. The largest waterbird group comprised the waders at 14,468 (40%) and the group of Ducks, grebes and pelicans was the second largest at 8,231 (23%). The Dalmatian Pelican was still not recorded in this month and hence it concluded that this species did not visit the Deep Bay area in winter 2006-07. Comparing to over 70,000 waterbirds recorded in the February count, it clearly indicated that many wintering waterbirds have started the northward migration. Pied Avocets *Recurvirostra avosetta* were still present in high number of 8,643 individuals in this count.

A comparison with previous year's count and the average for the month is provided in table 1. The figures of the whole Deep Bay and the Ramsar site are higher than the average figure. The figure of the whole Deep Bay area is the new high figure in March since the commencement of this monitoring, while the Ramsar site figure is also the second largest.

Table 1. March waterbird counts 2003-2007.

	2003	2004	2005	2006	2007	Average*	Std. Dev.*
Deep Bay area	16,364	12,400	30,259	25,207	36,606	21,769	8,618
Ramsar Site	6,609	6,831	15,391	18,963	23,711	15,382	7,291

\* Figures of average and the SD are calculated from the count since 1998 to the latest count.

### Summary of Waterbird Count, March 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	9	10	4					32		4	15	0	6	4	8	44	42	0	86	136		4
Great Crested Grebe			34	16		17			18							0			0	85		2
Great Cormorant	200	187	937	189		807	22	135	20	30	47	66	9	15	77	4090	174	1018	5282	6831		37
Dalmatian Pelican																0			0	0		
Grey Heron	122	20	44	2		3	7	13	3	178	12	8	5	13	44	252	46	12	310	726		38
Purple Heron																4			4	4		
Great Egret	22	44	375	170	3	5	14	8	7	9	13	20	24	83	4	89	104	192	385	890		49
Intermediate Egret	1	2	2	18				2		2	0	3	0	0	0	13	3	18	34	43		
Little Egret	18	124	628	233	15	13	41	28	31	22	68	14	52	235	19	125	333	302	760	1666		34
Swinhoe's Egret																0			0	0		
Pacific Reef Egret																0			0	0		
Cattle Egret	11	0						1			21	7	12	15	12	0	40	0	40	79		
Chinese Pond Heron	7	17	23	4		2	2	2	3	6	57	3	2	5	11	9	53	8	70	153		8
Striated Heron	0	0						0	0	0	0	0	0	0	0	0	0	0	0	0		1
B-c Night Heron	0	0	29					0			0	0	0	1	0	0	1	0	1	30		79
Yellow Bittern	0	0						0			0	0	0	0	0	0	0	0	0	0		
Cinnamon Bittern																0			0	0		
Great Bittern																0			0	0		
Black Stork																0			0	0		
Black-headed Ibis																0			0	0		
Eurasian Spoonbill	1															3			3	4		
Black-faced Spoonbill	31		27					5		41		3		14	3	117	22		139	241		
Lesser Whistling Duck																1			1	1		
Lesser White-fronted	2															0			0	2		
Common Shelduck				18												0		18	18	18		
Eurasian Wigeon	0	0	229	808		28	6	0		32	0	0	0	0	0	122	0	842	964	1225		
Falcatid Duck																0			0	0		
Gadwall																0			0	0		
Baikal Teal																0			0	0		
Common Teal	18	0	224	16				0		61	0	0	0	0	0	38	0	16	54	357		21
Mallard																0			0	0		
Spot-billed Duck																0			0	0		
Chinese Spotbill																15			15	15		
Burmese Spotbill																0			0	0		
Northern Pintail			10	820						2						293		820	1113	1125		
Garganey			6	23						58						4		23	27	91		
Northern Shoveler			344	2685			35			2						431		2720	3151	3497		
Common Pochard																0			0	0		
Baer's Pochard																0			0	0		
Tufted Duck		1	1205	43				79								181		43	224	1509		
Greater Scaup																0			0	0		
Red-breasted Merganser																0			0	0		
Duck sp.							170									0		170	170	170		
Slaty-breasted Rail																0			0	0		
Water Rail																0			0	0		
White-breasted Waterhen	1	1	7	6				0	1	1	1	0	0	1	3	8	1	6	15	30		3
Watercock																0			0	0		
Common Moorhen	6	19	28					8		27	22	0	3	3	0	62	27	0	89	178		3
Eurasian Coot			167													28			28	195		
Pheasant-tailed Jacana																0			0	0		

Greater Painted Snipe																0			0	<b>0</b>		
Black-winged Stilt			271													5			5	<b>276</b>		
Pied Avocet			2534	6109												0	6109	6109	<b>8643</b>			
Oriental Pratincole																0			0	<b>0</b>		
Northern Lapwing							1									0			0	<b>1</b>		
Grey-headed Lapwing		1	3													0			0	<b>4</b>		
Pacific Golden Plover																0			0	<b>0</b>		
Grey Plover				299												0	299	299	<b>299</b>			
Common Ringed Plover																0			0	<b>0</b>		
Little Ringed Plover	13	57	16				8	11	33	0	0	0	6		0	12	0	12	<b>144</b>			
Kentish Plover								3								0			0	<b>3</b>		
Lesser Sand Plover																0			0	<b>0</b>		
Greater Sand Plover																0			0	<b>0</b>		
Black-tailed Godwit				431												510	431	941	<b>941</b>			
Bar-tailed Godwit				1												0	1	1	<b>1</b>			
Whimbrel																0			0	<b>0</b>		
Eurasian Curlew			1	714												0	714	714	<b>715</b>			
Far Eastern Curlew																0			0	<b>0</b>		
Spotted Redshank			209					15								142		142	<b>366</b>			
Common Redshank			241				2	1								50	2	52	<b>294</b>			
Marsh Sandpiper			1048													65		65	<b>1113</b>			
Common Greenshank			446	3				274								326	3	329	<b>1049</b>			
Nordmann's Greenshank																1		1	<b>1</b>			
Green Sandpiper	3	11	1				0		3	1	1	0	4		0	5	0	5	<b>24</b>			
Wood Sandpiper	8	47	367				13	4	11	0	2	4	23		0	20	0	20	<b>479</b>			1
Terek Sandpiper																0			0	<b>0</b>		
Common Sandpiper	0	10	16				3		8	8	4	3	6		0	23	0	23	<b>58</b>			
Grey-tailed Tattler																0			0	<b>0</b>		
Ruddy Turnstone																0			0	<b>0</b>		
Red-necked Phalarope																0			0	<b>0</b>		
Pintail Snipe																0			0	<b>0</b>		
Swinhoe's Snipe																0			0	<b>0</b>		
Pintail/Swinhoe's Snipe							2									0	2	2	<b>2</b>			
Common Snipe		7	4													0			0	<b>11</b>		
Long-billed Dowitcher																0			0	<b>0</b>		
Asian Dowitcher																0			0	<b>0</b>		
Red Knot																0			0	<b>0</b>		
Great Knot				1												0	1	1	<b>1</b>			
Sanderling																0			0	<b>0</b>		
Red-necked Stint																0			0	<b>0</b>		
Little Stint																0			0	<b>0</b>		
Temminck's Stint	5	2					3	13	14							0	3	3	<b>37</b>			
Long-toed Stint																0			0	<b>0</b>		
Pectoral Sandpiper																0			0	<b>0</b>		
Sharp-tailed Sandpiper																0			0	<b>0</b>		
Dunlin																0			0	<b>0</b>		
Curlew Sandpiper				4												0	4	4	<b>4</b>			
Spoon-billed Sandpiper																0			0	<b>0</b>		
Broad-billed Sandpiper																0			0	<b>0</b>		
Ruff			2													0			0	<b>2</b>		
Small wader spp.																0			0	<b>0</b>		
Wader sp.																0			0	<b>0</b>		
Black-tailed Gull				1												0	1	1	<b>1</b>			
Heuglin's Gull				132												0	132	132	<b>132</b>			
Yellow-legged Gull																0			0	<b>0</b>		
Slaty-backed Gull																0			0	<b>0</b>		
Pallas's Gull																0			0	<b>0</b>		

Large Gull spp.																	0			0	0		
Brown-headed Gull																	0			0	0		
Black-headed Gull	1	0	832	1574		120		0	3	1	0	155	0	0	0	0	155	1694	1849	2686			
Saunders's Gull				18													0	18	18	18			
Whiskered Tern																	0		0	0			
White-winged Tern																	0		0	0			
Gull-billed Tern																	0		0	0			
Caspian Tern																	0		0	0			
<b>Total</b>	<b>479</b>	<b>560</b>	<b>10314</b>	<b>14338</b>	<b>18</b>	<b>995</b>	<b>297</b>	<b>344</b>	<b>86</b>	<b>798</b>	<b>325</b>	<b>288</b>	<b>120</b>	<b>396</b>	<b>220</b>	<b>7028</b>	<b>1068</b>	<b>15615</b>	<b>23711</b>	<b>36606</b>	0	280	
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SW</b>	<b>SI</b>																	
<b>Cormorants</b>	<b>6831</b>	<b>18.7</b>	<b>5282</b>	<b>22.3</b>	<b>0</b>	<b>37</b>																	
<b>Ardeids etc</b>	<b>3836</b>	<b>10.5</b>	<b>1746</b>	<b>7.4</b>	<b>0</b>	<b>209</b>																	
<b>Ducks, grebes, pelicans</b>	<b>8231</b>	<b>22.5</b>	<b>5823</b>	<b>24.6</b>	<b>0</b>	<b>27</b>																	
<b>Rails, Coot etc</b>	<b>403</b>	<b>1.1</b>	<b>132</b>	<b>0.6</b>	<b>0</b>	<b>6</b>																	
<b>Waders</b>	<b>14468</b>	<b>39.5</b>	<b>8728</b>	<b>36.8</b>	<b>0</b>	<b>1</b>																	
<b>Gulls and terns</b>	<b>2837</b>	<b>7.8</b>	<b>2000</b>	<b>8.4</b>	<b>0</b>	<b>0</b>																	
<b>TOTAL</b>	<b>36606</b>		<b>23711</b>		<b>0</b>	<b>280</b>																	
Date of count: 11 Mar 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																							
<b>Wetland-dependant species</b>																							
<b>Species</b>	<b>SRA</b>	<b>SRB</b>	<b>DBA</b>	<b>DBB</b>	<b>DBC</b>	<b>DBD</b>	<b>DBE</b>	<b>DBF (TBT)</b>	<b>NW / LFS</b>	<b>WEP</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Shuen Wan</b>	<b>Starling Inlet</b>	
Osprey		1	2	2												1			1	6			
Black Kite	1	4						1			1	4	1	1	2	7	7	0	14	22			
White-bellied Sea Eag																0			0	0			
Eastern Marsh Harrier		1														0			0	1			
Common Buzzard		1	2					2						1		4	3		7	10			
Greater Spotted Eagle	0	0						0			0	0	0	0	0	3	0	0	3	3			
Imperial Eagle	0	0						0			0	0	0	0	0	0	0	0	0	0			
Peregrine Falcon																0			0	0			
Pied Kingfisher	1	2	4					2			2	0	0	0	2	2	1	0	3	15			
Common Kingfisher	1	3	5					2		1	10	1	3	1	1	1	15	0	16	29		1	
White-throated Kingfisher	0	4	5					3	1	2	1	0	1	1	0	3	4	0	7	21		1	
Black-capped Kingfisher	0	0		2				0			0	0	0	0	0	0	0	2	2	2			
Red-billed Starling	42	67	59					40			1	720	810	0	235	300	1613	0	1913	2274			
Collared Crow	0	0	2	1				2		1	1	5	2	1	0	9	11	1	21	24		3	

### Summary of waterbird count during low tide, December 2006

SPECIES	DBA	DBB	DBC	DBD	DBE	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA
Little Grebe						26	0	0	26	26
Great Crested Grebe						0			0	0
Great Cormorant	38					2772	0	0	2772	2810
Dalmatian Pelican						0			0	0
Grey Heron	56	9				219	0	9	228	284
Purple Heron						0			0	0
Great Egret	5	46				193	0	46	239	244
Intermediate Egret		1				7	0	1	8	8
Little Egret	19	17				167	0	17	184	203
Swinhoe's Egret						0			0	0
Pacific Reef Egret						0			0	0
Cattle Egret						2	0	0	2	2
Chinese Pond Heron	2	6				39	0	6	45	47
Striated Heron						0	0	0	0	0
B-c Night Heron						3	0	0	3	3
Yellow Bittern						0	0	0	0	0
Cinnamon Bittern						0			0	0
Great Bittern						0			0	0
Black Stork						0			0	0
Black-headed Ibis						0			0	0
Eurasian Spoonbill						3			3	3
Black-faced Spoonbill	13					254			254	267
Common Shelduck						0			0	0
Eurasian Wigeon						172	0	0	172	172
Falcated Duck						0			0	0
Gadwall						2			2	2
Baikal Teal						0			0	0
Common Teal						51	0	0	51	51
Mallard						0			0	0
Spot-billed Duck						0			0	0
Chinese Spotbill						2			2	2
Burmese Spotbill						0			0	0
Northern Pintail						376			376	376
Garganey						83			83	83
Northern Shoveler						275			275	275
Common Pochard						0			0	0
Baer's Pochard						0			0	0
Tufted Duck						453			453	453
Greater Scaup						0			0	0
Red-breasted Merganser						0			0	0
Duck sp.	12000		4680			0		4680	4680	16680
Slaty-breasted Rail						0			0	0
Water Rail						0			0	0
White-breasted Waterhen						0	0	0	0	0
Watercock						0			0	0
Common Moorhen						25	0	0	25	25
Eurasian Coot						12			12	12
Pheasant-tailed Jacana						0			0	0
Greater Painted Snipe						0			0	0
Black-winged Stilt	1					0			0	1
Pied Avocet						221			221	221

Oriental Pratincole						0			0	0
Northern Lapwing						0			0	0
Grey-headed Lapwing	3					0			0	3
Pacific Golden Plover						0			0	0
Grey Plover						0			0	0
Common Ringed Plover						0			0	0
Little Ringed Plover						0	0	0	0	0
Kentish Plover						0			0	0
Lesser Sand Plover						0			0	0
Greater Sand Plover						0			0	0
Black-tailed Godwit						0			0	0
Bar-tailed Godwit						0			0	0
Whimbrel						0			0	0
Eurasian Curlew	7		6			0		6	6	13
Far Eastern Curlew						0			0	0
Spotted Redshank						34			34	34
Common Redshank						0			0	0
Marsh Sandpiper	16					0			0	16
Common Greenshank	397					18			18	415
Nordmann's Greenshank						0			0	0
Green Sandpiper						0	0	0	0	0
Wood Sandpiper						0	0	0	0	0
Terek Sandpiper						0			0	0
Common Sandpiper						0	0	0	0	0
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						0			0	0
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			10000			0	0	10000	10000	10000
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
<b>Total</b>	<b>12557</b>	<b>85</b>	<b>14680</b>	<b>0</b>	<b>0</b>	<b>5409</b>	<b>0</b>	<b>14765</b>	<b>20174</b>	<b>32731</b>
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>						
<b>Cormorants</b>	<b>2810</b>	<b>8.6</b>	<b>2772</b>	<b>13.7</b>						
<b>Ardeids etc</b>	<b>1061</b>	<b>3.2</b>	<b>966</b>	<b>4.8</b>						
<b>Ducks, grebes, pelicans</b>	<b>18120</b>	<b>55.4</b>	<b>6120</b>	<b>30.3</b>						
<b>Rails, Coot etc</b>	<b>37</b>	<b>0.1</b>	<b>37</b>	<b>0.2</b>						
<b>Waders</b>	<b>703</b>	<b>2.1</b>	<b>279</b>	<b>1.4</b>						
<b>Gulls and terns</b>	<b>10000</b>	<b>30.6</b>	<b>10000</b>	<b>49.6</b>						
<b>TOTAL</b>	<b>32731</b>		<b>20174</b>							
Date of count: 17 Dec 2006 (low tide)										
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										
<b>Wetland-dependant species</b>										
<b>Species</b>	<b>DBA</b>	<b>DBB</b>	<b>DBC</b>	<b>DBD</b>	<b>DBE</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>
Osprey	1					0			0	1
Black Kite						1	0	0	1	1
White-bellied Sea Eag						0			0	0
Eastern Marsh Harrier						0			0	0
Common Buzzard						0			0	0
Greater Spotted Eagle						1	0	0	1	1
Imperial Eagle						1	0	0	1	1
Peregrine Falcon						1			1	1
Pied Kingfisher						1	0	0	1	1
Common Kingfisher						4	0	0	4	4
White-throated Kingfisher		3				0	0	3	3	3
Black-capped Kingfisher						0	0	0	0	0
Red-billed Starling						0	0	0	0	0
Collared Crow						5	0	0	5	5

### Summary of waterbird count during low tide, January 2007

SPECIES	DBA	DBB	DBC	DBD	DBE	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA
Little Grebe						9	0	0	9	9
Great Crested Grebe						0			0	0
Great Cormorant	2					4615	0	0	4615	4617
Dalmatian Pelican						0			0	0
Grey Heron	11					309	0	0	309	320
Purple Heron						0			0	0
Great Egret	54	9				40	0	9	49	103
Intermediate Egret		4				6	0	4	10	10
Little Egret	31	47				36	0	47	83	114
Swinhoe's Egret						0			0	0
Pacific Reef Egret						0			0	0
Cattle Egret						0	0	0	0	0
Chinese Pond Heron	3	4				5	0	4	9	12
Striated Heron						0	0	0	0	0
B-c Night Heron	1					2	0	0	2	3
Yellow Bittern						0	0	0	0	0
Cinnamon Bittern						0			0	0
Great Bittern						0			0	0
Black Stork						0			0	0
Black-headed Ibis						0			0	0
Eurasian Spoonbill						3			3	3
Black-faced Spoonbill	19					206			206	225
Common Shelduck			44			0		44	44	44
Eurasian Wigeon			2500			91	0	2500	2591	2591
Falcated Duck			5			0		5	5	5
Gadwall						1			1	1
Baikal Teal						0			0	0
Common Teal			200			113	0	200	313	313
Mallard						0			0	0
Spot-billed Duck						0			0	0
Chinese Spotbill						6			6	6
Burmese Spotbill						0			0	0
Northern Pintail						337			337	337
Garganey						2			2	2
Northern Shoveler			500			409		500	909	909
Common Pochard						0			0	0
Baer's Pochard						0			0	0
Tufted Duck						463			463	463
Greater Scaup						0			0	0
Red-breasted Merganser						0			0	0
Duck sp.	10000		3170			0		3170	3170	13170
Slaty-breasted Rail						0			0	0
Water Rail						0			0	0
White-breasted Waterhen						1	0	0	1	1
Watercock						0			0	0
Common Moorhen						41	0	0	41	41
Eurasian Coot						31			31	31
Pheasant-tailed Jacana						0			0	0
Greater Painted Snipe						0			0	0
Black-winged Stilt	29					0			0	29
Pied Avocet	190					126			126	316

Oriental Pratincole						0			0	0
Northern Lapwing						0			0	0
Grey-headed Lapwing	3					0			0	3
Pacific Golden Plover						0			0	0
Grey Plover						0			0	0
Common Ringed Plover						0			0	0
Little Ringed Plover						6	0	0	6	6
Kentish Plover						0			0	0
Lesser Sand Plover						0			0	0
Greater Sand Plover						0			0	0
Black-tailed Godwit						0			0	0
Bar-tailed Godwit						0			0	0
Whimbrel						0			0	0
Eurasian Curlew	8		3			0		3	3	11
Far Eastern Curlew						0			0	0
Spotted Redshank						6			6	6
Common Redshank						0			0	0
Marsh Sandpiper						1			1	1
Common Greenshank	58					4			4	62
Nordmann's Greenshank						0			0	0
Green Sandpiper						0	0	0	0	0
Wood Sandpiper						0	0	0	0	0
Terek Sandpiper						0			0	0
Common Sandpiper						0	0	0	0	0
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						0			0	0
Spoon-billed Sandpiper						0			0	0
Broad-billed Sandpiper						0			0	0
Ruff						0			0	0
Small wader spp.						0			0	0
Wader sp.	300					0			0	300
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	7330		4670			0	0	4670	4670	12000
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
<b>Total</b>	<b>18039</b>	<b>67</b>	<b>11089</b>	<b>0</b>	<b>0</b>	<b>6869</b>	<b>0</b>	<b>11156</b>	<b>18025</b>	<b>36064</b>
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>						
<b>Cormorants</b>	<b>4617</b>	<b>12.8</b>	<b>4615</b>	<b>25.6</b>						
<b>Ardeids etc</b>	<b>790</b>	<b>2.2</b>	<b>671</b>	<b>3.7</b>						
<b>Ducks, grebes, pelicans</b>	<b>17850</b>	<b>49.5</b>	<b>7850</b>	<b>43.6</b>						
<b>Rails, Coot etc</b>	<b>73</b>	<b>0.2</b>	<b>73</b>	<b>0.4</b>						
<b>Waders</b>	<b>734</b>	<b>2.0</b>	<b>146</b>	<b>0.8</b>						
<b>Gulls and terns</b>	<b>12000</b>	<b>33.3</b>	<b>4670</b>	<b>25.9</b>						
<b>TOTAL</b>	<b>36064</b>		<b>18025</b>							
Date of count: 14 Jan 2007 (low tide)										
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										
<b>Wetland-dependant species</b>										
<b>Species</b>	<b>DBA</b>	<b>DBB</b>	<b>DBC</b>	<b>DBD</b>	<b>DBE</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>
Osprey	1	2				0			0	3
Black Kite						12	0	0	12	12
White-bellied Sea Eag						0			0	0
Eastern Marsh Harrier						0			0	0
Common Buzzard						2			2	2
Greater Spotted Eagle						1	0	0	1	1
Imperial Eagle						2	0	0	2	2
Peregrine Falcon						0			0	0
Pied Kingfisher						1	0	0	1	1
Common Kingfisher	1					1	0	0	1	2
White-throated Kingfisher	2	2				2	0	2	4	6
Black-capped Kingfisher	4	1				0	0	1	1	5
Red-billed Starling						0	0	0	0	0
Collared Crow						7	0	0	7	7

### Summary of waterbird count during low tide, February 2007

SPECIES	DBA	DBB	DBC	DBD	DBE	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA
Little Grebe						30	0	0	30	30
Great Crested Grebe						0			0	0
Great Cormorant	1		190			3705	0	190	3895	3896
Dalmatian Pelican						0			0	0
Grey Heron	11					265	0	0	265	276
Purple Heron						1			1	1
Great Egret	18	37				79	0	37	116	134
Intermediate Egret		13				5	0	13	18	18
Little Egret	53	5				215	0	5	220	273
Swinhoe's Egret						0			0	0
Pacific Reef Egret						0			0	0
Cattle Egret						1	0	0	1	1
Chinese Pond Heron	5	1				3	0	1	4	9
Striated Heron						0	0	0	0	0
B-c Night Heron						0	0	0	0	0
Yellow Bittern						0	0	0	0	0
Cinnamon Bittern						0			0	0
Great Bittern						0			0	0
Black Stork						0			0	0
Black-headed Ibis						0			0	0
Eurasian Spoonbill						4			4	4
Black-faced Spoonbill	38					158			158	196
Common Shelduck						0			0	0
Eurasian Wigeon			750			163	0	750	913	913
Falcated Duck						0			0	0
Gadwall						7			7	7
Baikal Teal						0			0	0
Common Teal						467	0	0	467	467
Mallard						0			0	0
Spot-billed Duck						0			0	0
Chinese Spotbill						33			33	33
Burmese Spotbill						0			0	0
Northern Pintail						240			240	240
Garganey						24			24	24
Northern Shoveler						520			520	520
Common Pochard						0			0	0
Baer's Pochard						0			0	0
Ferruginous Duck						1			1	1
Tufted Duck			1720			87		1720	1807	1807
Greater Scaup						0			0	0
Red-breasted Merganser						0			0	0
Duck sp.	19000		1500			0		1500	1500	20500
Slaty-breasted Rail						0			0	0
Water Rail						0			0	0
White-breasted Waterhen						2	0	0	2	2
Watercock						0			0	0
Common Moorhen						19	0	0	19	19
Eurasian Coot						49			49	49

Pheasant-tailed Jacana					0			0	0
Greater Painted Snipe					0			0	0
Black-winged Stilt					0			0	0
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					0			0	0
Common Ringed Plover					0			0	0
Little Ringed Plover					0	0	0	0	0
Kentish Plover					0			0	0
Lesser Sand Plover					0			0	0
Greater Sand Plover					0			0	0
Black-tailed Godwit					0			0	0
Bar-tailed Godwit					0			0	0
Whimbrel					0			0	0
Eurasian Curlew	7	2			0		2	2	9
Far Eastern Curlew					0			0	0
Spotted Redshank	95				11			11	106
Common Redshank	380				0			0	380
Marsh Sandpiper					0			0	0
Common Greenshank	330				0			0	330
Nordmann's Greenshank					0			0	0
Green Sandpiper					0	0	0	0	0
Wood Sandpiper					0	0	0	0	0
Terek Sandpiper					0			0	0
Common Sandpiper					0	0	0	0	0
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					0			0	0
Spoon-billed Sandpiper					0			0	0
Broad-billed Sandpiper					0			0	0
Ruff	1				0			0	1
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			6700			0	0	6700	6700	6700
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			1			0			0	1
<b>Total</b>	<b>19939</b>	<b>58</b>	<b>10861</b>	<b>0</b>	<b>0</b>	<b>6089</b>	<b>0</b>	<b>10918</b>	<b>17007</b>	<b>36947</b>
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>						
<b>Cormorants</b>	<b>3896</b>	<b>10.5</b>	<b>3895</b>	<b>22.9</b>						
<b>Ardeids etc</b>	<b>912</b>	<b>2.5</b>	<b>787</b>	<b>4.6</b>						
<b>Ducks, grebes, pelicans</b>	<b>24542</b>	<b>66.4</b>	<b>5542</b>	<b>32.6</b>						
<b>Rails, Coot etc</b>	<b>70</b>	<b>0.2</b>	<b>70</b>	<b>0.4</b>						
<b>Waders</b>	<b>826</b>	<b>2.2</b>	<b>13</b>	<b>0.1</b>						
<b>Gulls and terns</b>	<b>6701</b>	<b>18.1</b>	<b>6700</b>	<b>39.4</b>						
<b>TOTAL</b>	<b>36947</b>		<b>17007</b>							
Date of count: 11 Feb 2007 (low tide count)										
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										
<b>Wetland-dependant species</b>										
<b>Species</b>	<b>DBA</b>	<b>DBB</b>	<b>DBC</b>	<b>DBD</b>	<b>DBE</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>
Osprey	3					0			0	3
Black Kite						5	0	0	5	5
White-bellied Sea Eag						0			0	0
Eastern Marsh Harrier						1			1	1
Common Buzzard						1			1	1
Greater Spotted Eagle						2	0	0	2	2
Imperial Eagle						1	0	0	1	1
Peregrine Falcon						0			0	0
Pied Kingfisher						1	0	0	1	1
Common Kingfisher						1	0	0	1	1
White-throated Kingfisher						2	0	0	2	2
Black-capped Kingfisher	2					0	0	0	0	2
Red-billed Starling						2	0	0	2	2
Collared Crow						1	0	0	1	1