

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

Programme 2004/05

Summer Count

July 2004

Summary Report – July 2004

Y.T. Yu¹

The July 2004 count was conducted on 18th. Coverage of the count completely includes the whole Mai Po Inner Deep Bay Ramsar Site and the Futian National Nature Reserve in Shenzhen.

A total of 3,945 waterbirds were recorded in the Deep Bay area. Of which, a total of 2,237 (57%) waterbirds were present in the Ramsar Site. Ardeids was the largest group of birds in the count, which a total of 3,014 (76%) birds were counted. The second highest was waders and a total of 740 (19%) birds were recorded. The increase of waterbird numbers from the June count is thought to be the recruitment of young ardeids born in this spring and presence of some southward passage shorebirds.

Table 1 shows the comparison of the count with that of the previous year's counts and the average for the month. It indicated the numbers of waterbird in Deep Bay area and the Ramsar Site are the new high numbers since the same count had been begun in 1998. The waterbird number in the whole Deep Bay area has increased by 25% compared to the highest number in July 2003.

Table.1. July waterbird counts 1999 - 2004

June	1999	2000	2002	2003	2004	Average	Std. Dev.
Deep Bay area	1,941	3,020	2,135	3,145	3,945	2,771	746
Ramsar Site	1,273	1,173	2,217	2,133	2,237	1,668	498

Note: Count in year 2001 was incomplete due to thunderstorm.

¹ 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

Counts of Waterbirds in July 2004

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW/ LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Little Grebe	8	18	1					25		9	0	0	12	43	17	29	0	46	133		1
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	9	0						2		0	2	0	0	0	10	3	0	13	23		
Purple Heron															0			0	0		
Great Egret	26	8	383		30	2	91	39	2	12	2	5	9	8	290	37	135	462	907		164
Intermediate Egret	0	0						0		0	0	0	0	1	1	0	0	1	2		
Little Egret	45	14	593		79	49	143	74	46	48	16	19	19	17	117	157	275	549	1279		130
Swinhoe's Egret															0			0	0		
Pacific Reef Egret															0			0	0		
Cattle Egret	2	56	1				37	20		2	0	2	2	13	209	24	37	270	344		87
Chinese Pond Heron	30	22	90			3	9	32	6	38	12	24	28	30	18	97	16	131	342		3
Striated Heron	0	0						0		0	1	0	0	0	11	1	0	12	12		
B-c Night Heron	8	6	31					1		4	1	1	2	4	21	5	0	26	79		77
Yellow Bittern	0	0	4					1		0	0	0	0	0	20	1	0	21	25		
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		
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															6			6	6		
Burmese Spotbill															0			0	0		
Northern Pintail															0			0	0		
Garganey															0			0	0		
Northern Shoveler															0			0	0		

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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	5	2	4			2	2	1		4	3	1	1	1	11	11	4	26	37		2
Watercock															0			0	0		
Common Moorhen	0	0	14					0		0	0	0	0	0	0	0	0	0	14		
Eurasian Coot															0			0	0		
Pheasant-tailed Jacana	1														0			0	1		
Greater Painted Snipe	3														0	2		2	3		
Black-winged Stilt	1		8												67			67	76		
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	16	0	4					21	11	0	0	0	0	0	1	21	0	22	53		
Kentish Plover															0			0	0		
Lesser Sand Plover															0			0	0		
Greater Sand Plover															0			0	0		
Black-tailed Godwit															3			3	3		
Bar-tailed Godwit															0			0	0		
Whimbrel															0			0	0		
Eurasian Curlew															15			15	15		
Far Eastern Curlew															0			0	0		
Spotted Redshank															0			0	0		
Common Redshank															412			412	412		
Marsh Sandpiper															0			0	0		
Common Greenshank															133			133	133		
Nordmann's Greenshank															0			0	0		
Green Sandpiper	2	1						0		0	0	0	0	0	0	0	0	0	3		
Wood Sandpiper	4	0	9					0		0	0	0	0	0	0	0	0	0	13		

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Terek Sandpiper															0			0	0		
Common Sandpiper	2	0	5					3	1	2	2	2	2	2	2	11	0	13	23		
Grey-tailed Tattler															3			3	3		
Ruddy Turnstone															0			0	0		
Red-necked Phalarope															0			0	0		
Pintail Snipe															0			0	0		
Swinhoe's Snipe															0			0	0		
Common Snipe															0			0	0		
Long-billed Dowitcher															0			0	0		
Asian Dowitcher															0			0	0		
Red Knot															2			2	2		
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		
Sharp-tailed Sandpiper															0			0	0		
Dunlin															0			0	0		
Curlew Sandpiper															0			0	0		
Spoon-billed Sandpiper															0			0	0		
Broad-billed Sandpiper															0			0	0		
Ruff															0			0	0		
Wader sp.															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		
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		

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Gull-billed Tern															0			0	0		
Caspian Tern															0			0	0		
Total	162	127	1147	0	109	56	282	219	66	119	39	54	75	119	1371	399	467	2237	3945	0	464
	Deep Bay Area	%	Ramsar Site	%	SW	SI															
Cormorants	1	0.0	1	0.0	0	0															
Ardeids etc	3014	76.4	1486	66.4	0	461															
Ducks, grebes, pelicans	139	3.5	52	2.3	0	1															
Rails, Coot etc	51	1.3	26	1.2	0	2															
Waders	740	18.8	672	30.0	0	0															
Gulls and terns	0	0.0	0	0.0	0	0															
TOTAL	3945		2237		0	464															
Date of count: 18 July 2004																					
n/c = site not counted High tide measured at TBT:																					
# indicates count consists of or includes a count made up to one week either side of the count date																					
% = count made at evening roost																					
Wetland-dependant species																					
Species	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	NW / LFS	TKC	LC	TSW	MPST	ST	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Shuen Wan	Starling Inlet
Osprey												1			0			0	1		
Black Kite	0	0						11		1	1	3	1	1	1	16	0	17	19		1
White-bellied Sea Eag															0			0	0		
Eastern Marsh Harrier															0			0	0		
Common Buzzard															0			0	0		
Greater Spotted Eagle	0	0						0		0	0	0	0	0	0	0	0	0	0		
Imperial Eagle	0	0						0		0	0	0	0	0	0	0	0	0	0		
Peregrine Falcon															0			0	0		
Pied Kingfisher	0	2	4				2	1		1	1	0	0	1	1	2	0	3	13		3
Common Kingfisher	4	6	5				2	2	2	2	3	2	1	5	4	9	2	15	38		5
White-throated Kingfisher	1	2	6				3	3	2	2	1	0	1	2	4	6	2	12	27		2
Black-capped Kingfisher	0	0						0		0	0	0	1	0	0	1	3	4	1		
Red-billed Starling	0	0						0		0	0	0	3	0	0	3	0	3	3		
Collared Crow	2	0	2					14		0	30	1	0	1	0	45	0	45	50		
Bonelli's Eagle																		0	0		3
Black-winged Kite								1										0	1		