

Contract Reference No.: AFCD/SQ/43/15/C

**Mai Po Inner Deep Bay Ramsar Site  
Waterbird Monitoring Programme  
2015 - 16**

**Monthly Waterbird Monitoring**

**Biannual Report 1  
(April to September 2015)**



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

October 2015



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**Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2015-16**

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**Waterbird Count Coordinator**

YU Yat-tung

The Hong Kong Bird Watching Society

**Data Contributors**

Chan Ka-ho, Gary Chow, Emily Chow, Camille Chung, Cheung Ka Chun, Johnson Chung, Forrest Fong, Helen Fong, Vivian Fu, Bowie Fung, Martin Hale, John and Jemi Holmes, Hung Wai-ming, Aaron Keung, Alan Lam, Roger Lee, Austin Ng, Paul Leader, Michael Leven, Richard Lewthwaite, So Ying-kin, Graham Talbot, Ivan Tse, Captain Wong, Haley Yeung, Ying Hak-king, Yu Yat-tung and Zheng Xi

The Hong Kong Bird Watching Society,

Shenzhen Bird Watching Society,

Agriculture, Fisheries and Conservation Department

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**Report available for public information**

Agriculture, Fisheries and Conservation Department

Hong Kong SAR Government

7/F, Cheung Sha Wan Government Offices

303 Cheung Sha Wan Road

Kowloon, Hong Kong

E-mail: faunaenq@afcd.gov.hk Website: www.afcd.gov.hk

And

The Hong Kong Bird Watching Society

7/C, V Ga Building, 532 Castle Park Road,

Lai Chi Kok, Kowloon, Hong Kong

E-mail: hkbws@hkbws.org.hk Website: www.hkbws.org.hk

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Waterbird Monitoring Programme**

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*Report*



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

# Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2015-16

## Monthly Waterbird Monitoring Biannual Report 1

### 1. Introduction

Comprehensive counts of waterbirds in the Deep Bay area undertaken by the Hong Kong Bird Watching Society (HKBWS) began in 1979 as part of the Wetlands International - Asian Waterbird Census. These continued every January (excluding 1980) until 1992-93, when the duration of the counts was extended to cover the winter period from November to March, termed “Winter Waterbird Count”. After the designation of the Mai Po Inner Deep Bay Ramsar Site, a monthly waterbird monitoring programme was developed and has been coordinated by the HKBWS since 1997, with support from the Agriculture, Fisheries and Conservation Department (AFCD). It has been a contract project since 2004. Monthly counts of waterbirds at the site form a major part of the programme, supplemented by counts of shorebirds during the migration seasons and egret surveys during the breeding season. Monthly summary reports are compiled, and seasonal reports are produced twice a year, i.e. Biannual Report 1, covering the period from April to September, and Biannual Report 2, covering the period from October in the same year to March in the following year. This report summarises the results of monthly waterbird counts in the period from April to September 2015 under the contract referenced AFCD/SQ/43/15/C.

### 2. Methodology

The methodology adopted is described in detail in the *Waterbird Count Handbook* (Carey undated, Carey 2002, Anon. 2014), and the areas covered in this monitoring are shown in Maps 1 to 3. It involves recording the number of birds in individual fishponds, or *gei wais*, in specified areas. The inter-tidal areas of Inner Deep Bay were surveyed simultaneously to avoid double-counting as far as possible. Counts were conducted during rising tide, preferably at a tidal height of about 2.2 m. To increase the accuracy of data recorded, the count of a particular species recorded one week prior to or after the date of the monthly waterbird count was adopted if the number was higher than that recorded in the monthly waterbird count.

The survey area included the Ramsar Site and wetland areas around the Ramsar Site (the ‘Deep Bay area’). The Deep Bay area covered the Ramsar Site and the surrounding area, including the mudflat between Tsim Bei Tsui and Lau

Fau Shan, and the fishpond areas in Ma Tso Lung, Sam Po Shue, San Tin, Mai Po San Tsuen, Tam Kon Chau, Tai Sang Wai, Lut Chau, Luen Hing Wai, Wing Kei Tsuen, Nam Sang Wai and Tsim Bei Tsui. The area also covered Hong Kong Wetland Park, in Tin Shui Wai, and the Futian National Nature Reserve, in the Shenzhen Special Economic Zone in the Mainland. Maps 1, 2 and 3 show the location of all the survey sites within the survey area. The coverage of the survey area was the same as that of the preceding winter period (Anon. 2015a). Figures collected from the monthly waterbird counts are grouped and presented with respect to two main areas: (1) the Ramsar Site and (2) the overall Deep Bay area.

### 3. Results

In summer 2015, the monthly waterbird monitoring was conducted on 19 April, 17 May, 14 June, 19 July, 16 August and 13 September ('the survey period').

The total number of waterbirds recorded in the Deep Bay area was 15,610 in April, 4,149 in May, 2,343 in June, 3,240 in July, 4,816 in August and 6,674 in September. The corresponding records in the Ramsar Site were 10,741, 3,292, 1,517, 2,178, 2,779 and 3,816, respectively. There were a total of 85 waterbird and wetland dependent species recorded in the Deep Bay area during the survey period. The changes in waterbird numbers between April and September from 2011 to 2015 are shown in Figures 1 and 2.

Figure 1. Waterbird numbers in the Deep Bay area from April to September, 2011-2015.

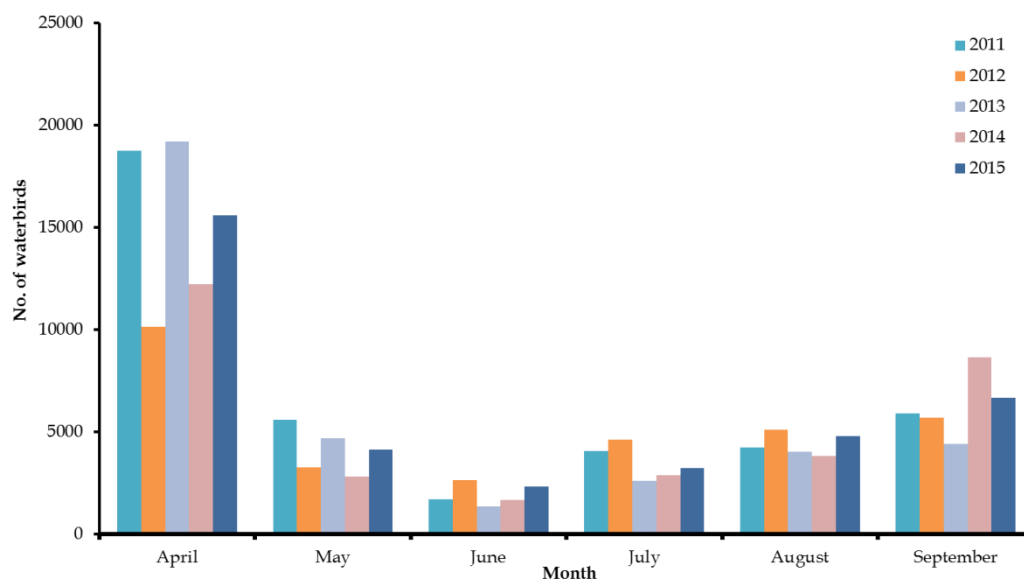
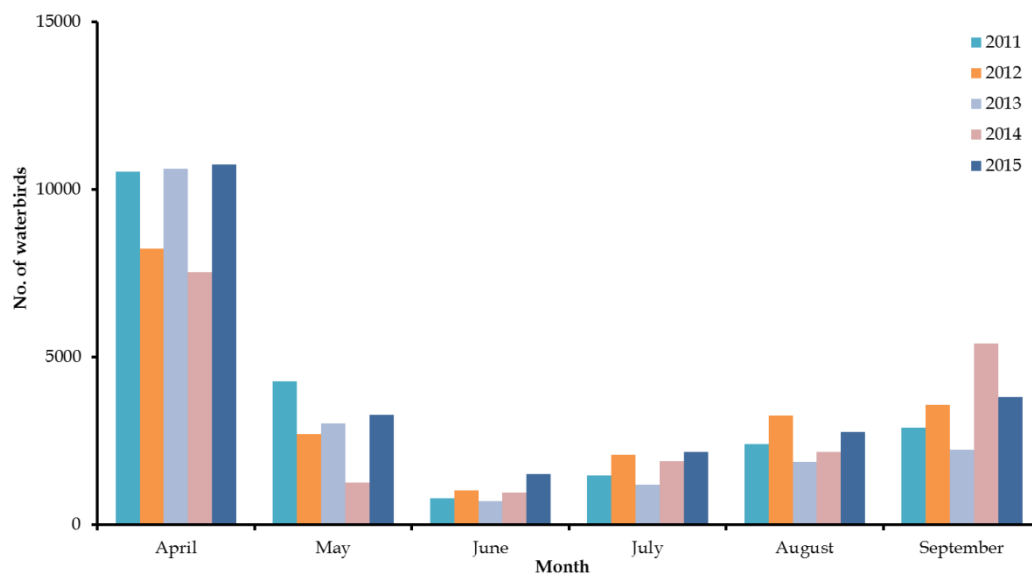


Figure 2. Waterbird numbers in the Ramsar Site from April to September, 2011-2015.



The results of the monthly counts conducted between April and September from 2011 onwards are presented in Tables 1a and 1b. Details of the counts in summer 2015 are shown in the monthly summaries in Appendix 1.

Summaries of the counts by waterbird group from April to September 2015 are presented in Tables 2a to 2f and Tables 3a and 3b. Brief reviews of the specific waterbird groups and globally threatened species recorded from April to September 2015 are shown in Sections 3.1 to 3.7 below.

### 3.1 Great Cormorant

The Great Cormorant *Phalacrocorax carbo* is mainly a winter visitor to the Deep Bay area, so very few individuals were recorded during the period from April to September. A high of 34 individuals were recorded in April, with fewer in the other months.

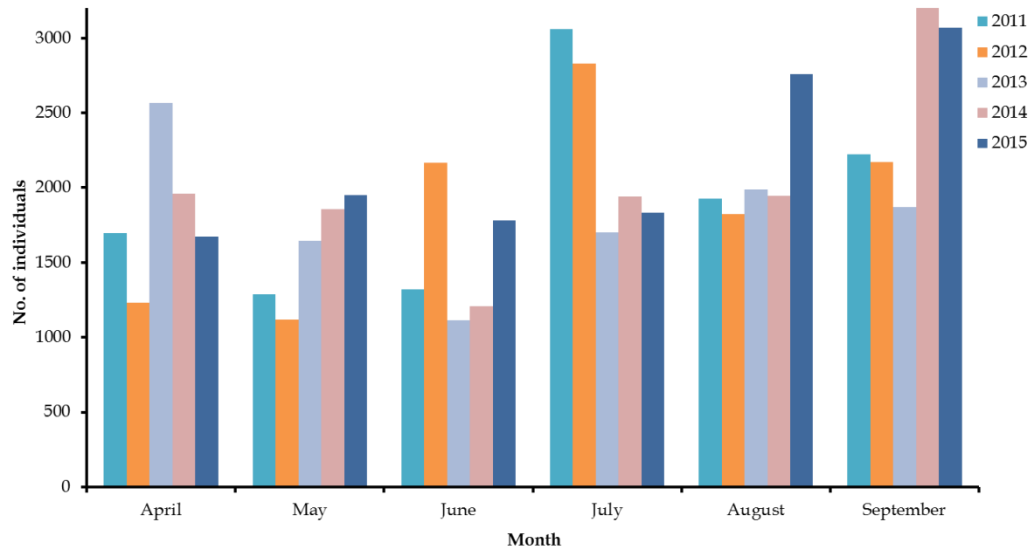
### 3.2 Ardeids

The highest count of this waterbird group in summer 2015 was 3,068 individuals, recorded in September, which was a 5.2% decrease from the highest count of summer 2014 (3,235 individuals in September 2014, Figure 3). This was also the second highest count since 2000 (the highest count was 3,235 individuals in September 2014, Figure 3). In terms of individual species, the highest count was 1,353 Little Egrets *Egretta garzetta*, recorded in September. The Great Egret *Ardea alba*, a species of regional conservation concern, had a high count of 872 individuals in September, 18% fewer than the highest count in the previous year. The Chinese Pond Heron *Ardeola bacchus* had a high count of 525 individuals in



August, representing a significant increase of 64% over the record of the preceding year (320 individuals in August 2014).

Figure 3. Number of Ardeids in the Deep Bay area from April to September, 2011-2015.

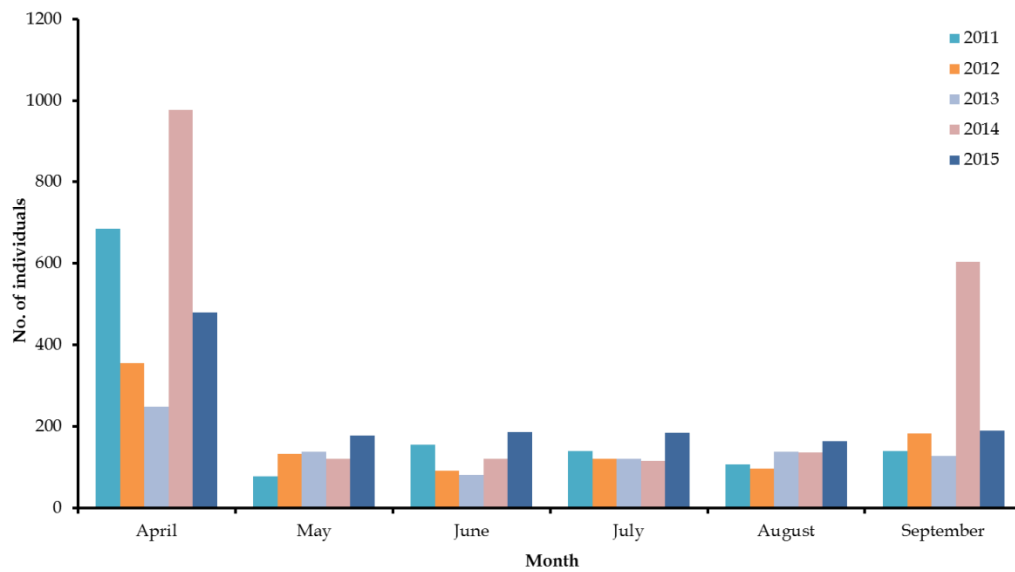


Under the Waterbird Monitoring Programme, egretty monitoring was also undertaken from April to July 2015 to record the number of nests of ardeids at known breeding sites in Hong Kong, with reference to the Mai Po Inner Deep Bay Ramsar Site. Further details of the monitoring results can be found in the Summer 2015 Report: Egretty Counts in Hong Kong (Anon, 2015b).

### 3.3 Ducks and Grebes

Since many ducks return to their breeding grounds in northeast Asia during the summer, only low numbers were recorded from April to September. The highest count was 480 individuals in April, which was 51% lower than that of the previous year (977 individuals in April 2014, Figure 4). The counts in April and September this year were lower than those of the previous year, while the counts in the other four months were higher than those of the previous year. The highest single species count of this group was 224 Little Grebes *Tachybaptus ruficollis*, recorded in April. The record of 170 Northern Shovelers *Anas clypeata* in April was also a relatively high number for this group during the study period.

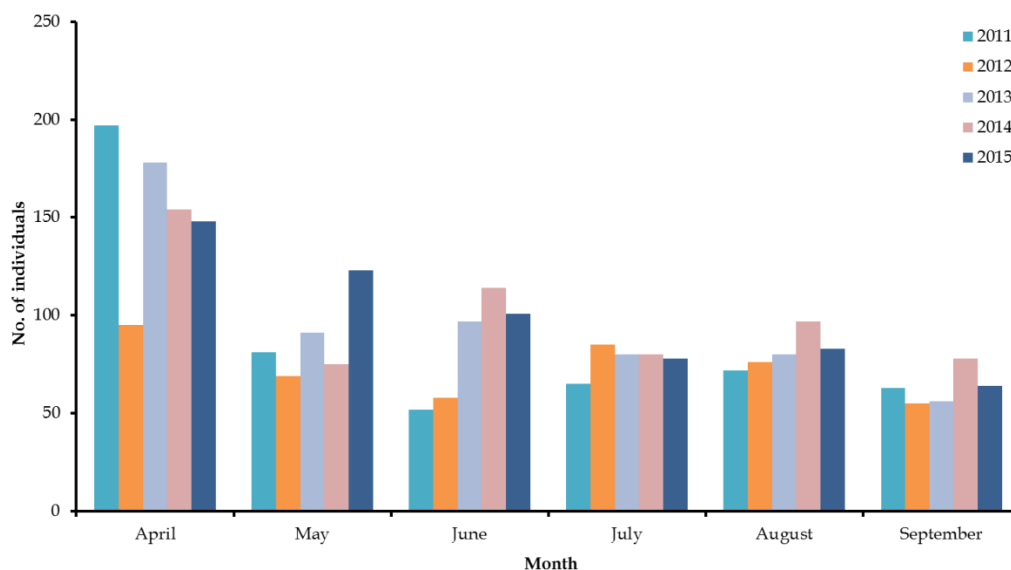
Figure 4. Number of Ducks and Grebes in the Deep Bay area from April to September, 2011-2015.



### 3.4 Rails and Coots

This group of waterbirds is usually recorded in low numbers compared to the other waterbird groups, as most of them are secretive and small in size. The two most common species were White-breasted Waterhens *Amaurornis phoenicurus* and Common Moorhens *Gallinula chloropus*. The highest count of this group was 148 individuals, recorded in April, a slight decrease of 3.9% from that of the previous year (154 individuals in April 2014, Figure 5).

Figure 5. Number of Rails and Coots in the Deep Bay area from April to September, 2011-2015.

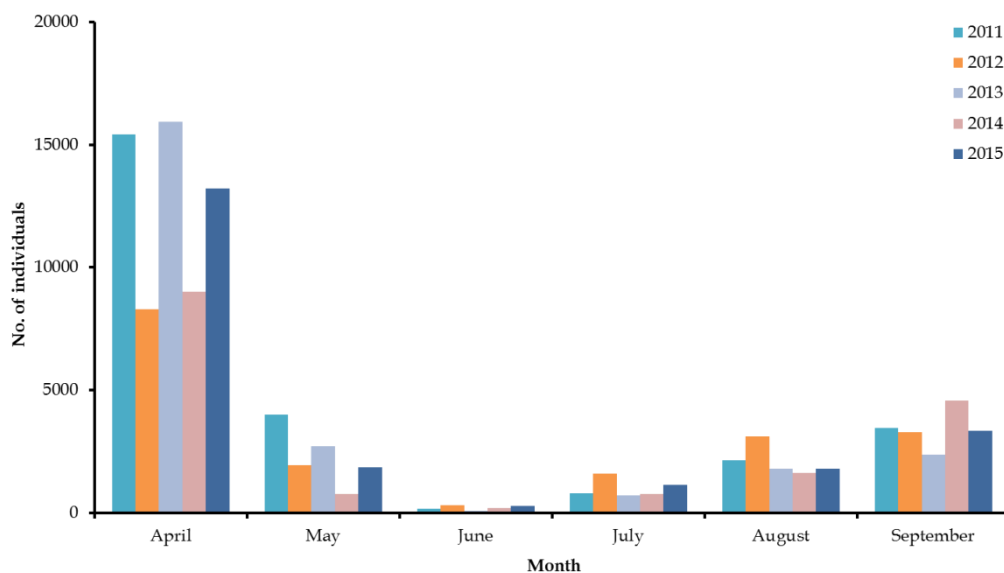


### 3.5 Shorebirds

In the spring, a large number of passage shorebirds were recorded in the Deep Bay area. A total of 13,216 shorebirds were recorded in April, an increase of 47% over the record of April 2014 (9,006 individuals, Figure 6). The figure in May was also significantly higher than those of the preceding year (May 2015: 1,876 birds; May 2014: 772 birds). The shorebird numbers in June, July and August were also higher (June 2015: 274 birds, June 2014: 205 birds; July 2015: 1,138 birds, July 2014: 770 birds; August 2015: 1,811 birds, August 2014: 1,630 birds). In terms of individual species, the highest count was the Curlew Sandpiper *Calidris ferruginea*, with 3,851 birds recorded in April. The second highest count was the Pied Avocet *Recurvirostra avosetta*, with 2,445 birds recorded in April.

A few breeding species of shorebirds were recorded in this study period. Several Black-winged Stilts *Himantopus himantopus* were recorded in the Mai Po Marshes Nature Reserve this summer, and there were nesting attempts observed during the survey period. At least 8 nests were found in June this year. Another breeding species, the Greater Painted-snipe *Rostratula benghanlensis*, were seen displaying this summer, and several chicks were recorded in May, June and July. The highest count was 5 individuals, recorded in July.

Figure 6. Number of Shorebirds in the Deep Bay area from April to September, 2011-2015.

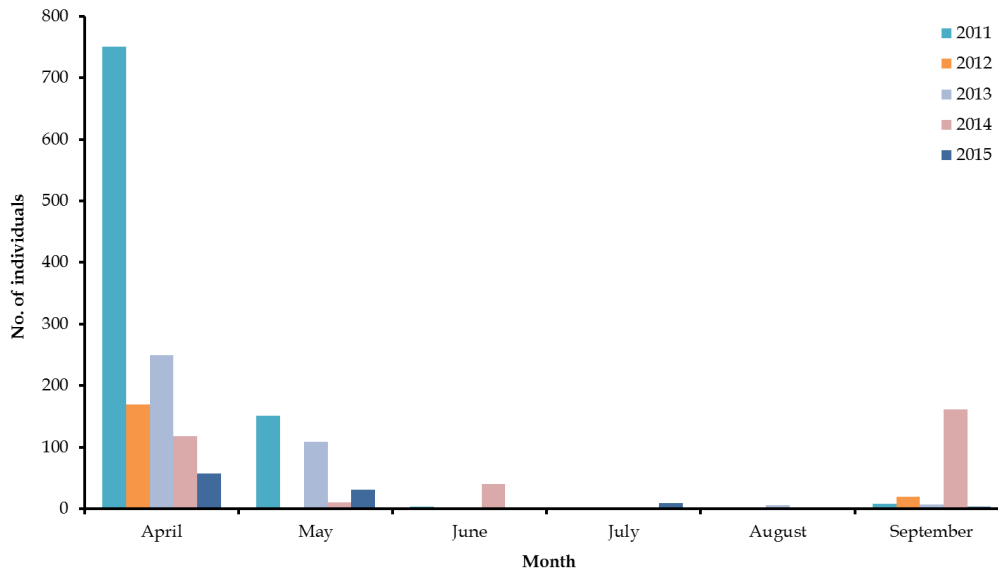


### 3.6 Gulls and Terns

The highest count of gulls and terns was 57 individuals recorded in April, which was a significant decrease of 65% from that of the previous year (161 individuals in September 2014, Figure 7). Gulls and terns were recorded in very low numbers in all months this summer, as many wintering individuals, including Black-headed Gulls *Chroicocephalus ridibundus*, had returned to their

breeding grounds. The Gull-billed Tern *Gelochelidon nilotica*, which stops over in the Deep Bay area mainly in spring, was the most common tern recorded in this study period, with 43 individuals recorded in April.

Figure 7. Number of Gulls and Terns in the Deep Bay area from April to September, 2011-2015.



### 3.7 Globally threatened species

To identify globally threatened waterbird species, we referred to the IUCN Red List of Threatened Species (Birdlife International 2015, IUCN 2015). Several globally threatened and near threatened species were recorded in summer 2015, as follows:

**Swinhoe's Egret** *Egretta eulophotes* (Vulnerable) – Two individuals were recorded in April.

**Black-faced Spoonbill** *Platalea minor* (Endangered) – A high of 100 individuals were counted in April, the number dropped to 25 in May, and only a small number of immature birds were recorded in June (7 individuals), August (4) and September (3).

**Black-tailed Godwit** *Limosa limosa* (Near Threatened) – The highest count was 1,201 individuals, recorded in April. Small numbers were recorded in May (7 individuals), June (2) and July (37), but the number rose to 127 in August and 480 in September.

**Bar-tailed Godwit** *Limosa lapponica* (Near Threatened) – This species was uplisted from Least Concern to Near Threatened in October 2015. Eight individuals were

recorded in April and 7 in September.

**Eurasian Curlew** *Numenius arquata* (Near Threatened) - One individual was recorded in April, 22 in May and 26 in June. The numbers increased to 55 in July, 64 in August and 84 in September.

**Nordmann's Greenshank** *Tringa guttifer* (Endangered) - One individual was recorded in April and 2 first-summer individuals were recorded in May.

**Asian Dowitcher** *Limnodromus semipalmatus* (Near Threatened) - Fifteen individuals were recorded in April, 4 in May and 4 in August.

**Grey-tailed Tattler** *Tringa brevipes* (Near Threatened) - Twelve individuals were recorded in April and 4 in May. There were no sightings in June or July. Nine individuals were recorded in August and 2 in September.

**Red Knot** *Calidris canutus* (Near Threatened) - The species was uplisted from Least Concern to Near Threatened in October 2015. Two individuals were recorded in April and 2 in May.

**Great Knot** *Calidris tenuirostris* (Endangered) - This species was uplisted from Vulnerable to Endangered in October 2015. Two individuals were recorded in April and May, 4 in August and 16 in September.

**Red-necked Stint** *Calidris ruficollis* (Near Threatened) - This species was uplisted from Least Concern to Near Threatened in October 2015. The highest count was 808 individuals, recorded in April. The number dropped to 220 individuals in May. There were no records in June or July, and small numbers were recorded in August (6 individuals) and September (2).

**Curlew Sandpiper** *Calidris ferruginea* (Near Threatened) - This species was uplisted from Least Concern to Near Threatened in October 2015. The Curlew Sandpiper was the most abundant species recorded in April, with 3,851 individuals, but its number dropped to 44 individuals in May. One individual was found in July and there were no recordings in the other months.

**Spoon-billed Sandpiper** *Eurynorhynchus pygmeus* (Critically endangered) - Only 1 individual was recorded in April.

#### 4. Discussion

The average number of waterbirds per month in the Deep Bay area was

higher than that in the same period (April to September) of the previous year (2015: mean = 6,139, SD = 4,868, n = 6; 2014: mean = 5,354, SD = 4,153, n = 6), and the average number recorded in the Ramsar Site was also significantly higher (2015: mean = 4,054, SD = 3,374, n = 6; 2014: mean = 3,206, SD = 2,654, n = 6). The higher average number of waterbirds per month in the Deep Bay area this summer was attributed to the high numbers of spring passage migrants in April and May (2015: 15,610 individuals in April, 4,149 in May; 2014: 12,221 in April, 2,838 in May), though the numbers were still lower than those in 2013 (19,191 in April, 4,712 in May). The higher proportion of waterbirds in the Ramsar Site this summer (2015: 66%; 2014: 60%) might reflect their high-tide roosting-site preference.

## 5. Acknowledgements

We are indebted to the following counters from the Hong Kong Bird Watching Society for their participation in the counts to collect baseline information for this biannual report: Chan Ka-ho, Gary Chow, Emily Chow, Camille Chung, Cheung Ka Chun, Johnson Chung, Forrest Fong, Helen Fong, Vivian Fu, Bowie Fung, Martin Hale, John and Jemi Holmes, Hung Wai-ming, Aaron Keung, Alan Lam, Roger Lee, Austin Ng, Paul Leader, Michael Leven, Richard Lewthwaite, So Ying-kin, Graham Talbot, Ivan Tse, Captain Wong, Haley Yeung, Ying Hak-king, Yu Yat-tung and Zheng Xi. We also thank the members of the Shenzhen Bird Watching Society and the staff of Hong Kong Wetland Park for their contribution in collecting the waterbird data.

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**Anon. 2015b.** Summer 2015 Report: Egretty Counts in Hong Kong with particular reference to the Mai Po Inner Deep Bay Ramsar Site. Report by The Hong Kong Bird Watching Society to the Agriculture, Fisheries and Conservation Department, Hong Kong Special Administrative Region Government.

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

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*Maps*



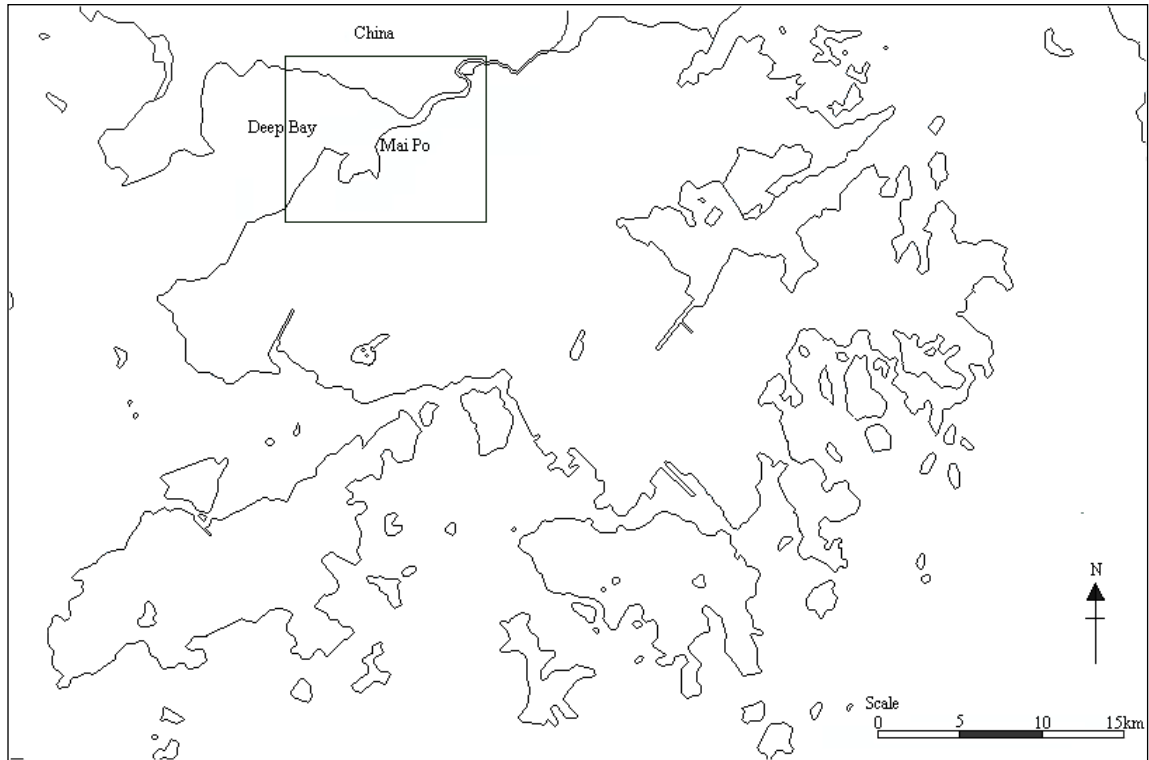
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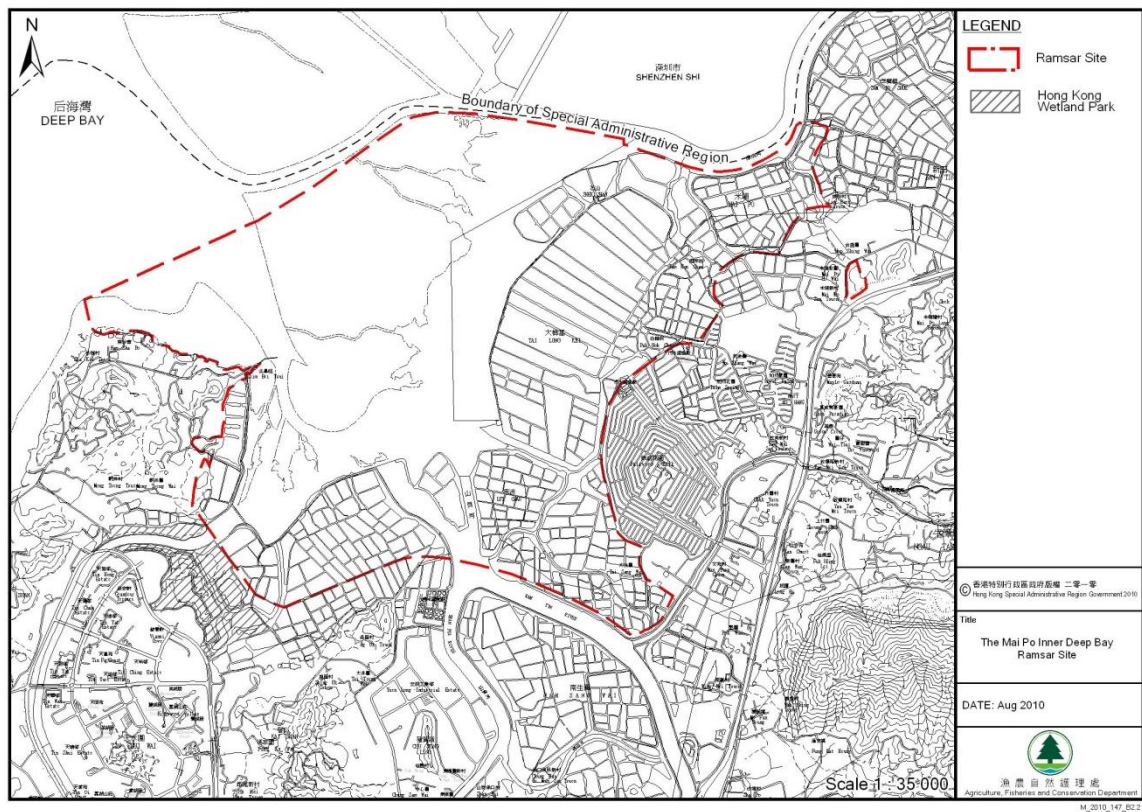
Agriculture, Fisheries and Conservation Department



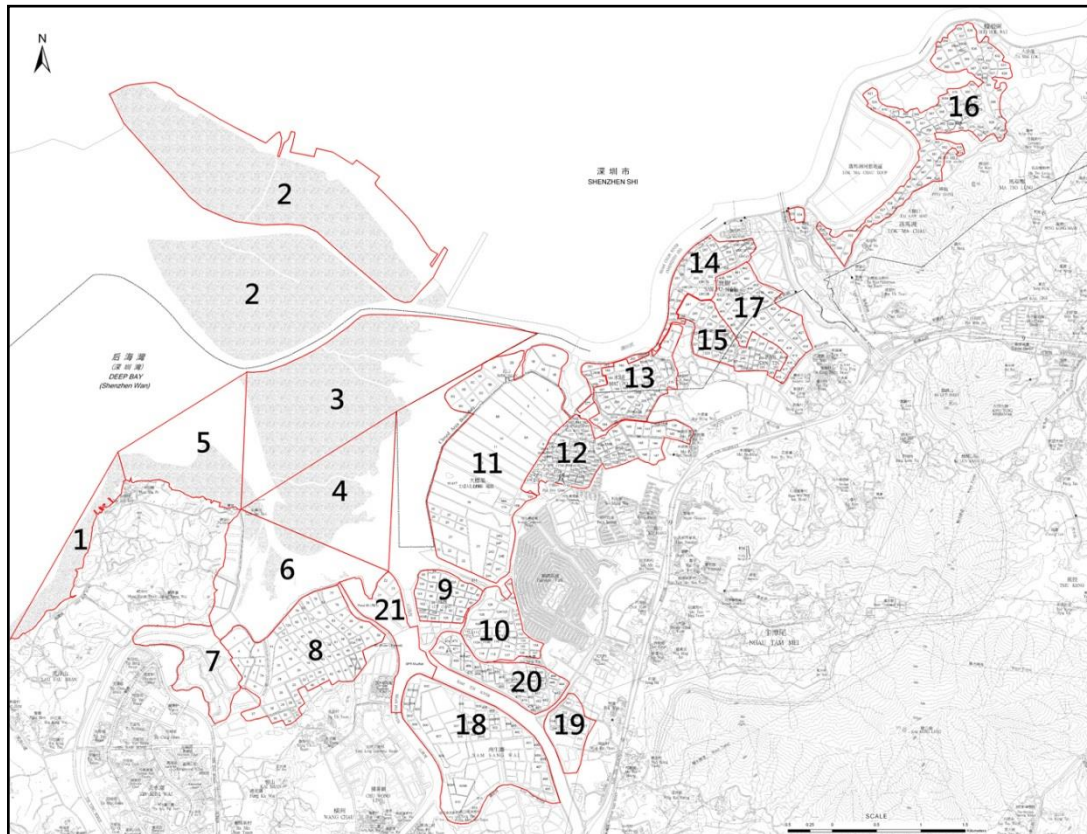
Map 1. Map of Hong Kong showing the location of the Mai Po Inner Deep Bay Ramsar Site.



Map 2. Boundary of the Mai Po Inner Deep Bay Ramsar Site.



Map 3. Locations of counting areas in the Waterbird Monitoring Programme (1: Tsim Bei Tsui to Nim Wan; 2: Deep Bay 'A'; 3: Deep Bay 'B'; 4: Deep Bay 'C'; 5: Deep Bay 'D'; 6: Deep Bay 'E'; 7: Hong Kong Wetland Park; 8: Deep Bay 'F' (Tsim Bei Tsui fishpond); 9: Lut Chau; 10: Tai Sang Wai; 11: Mai Po Marshes Nature Reserve; 12: Tam Kon Chau; 13: Mai Po San Tsuen; 14: Shenzhen River 'A'; 15: San Tin; 16: Shenzhen River 'B'; 17: Sham Po Shue; 18: Nam Sang Wai; 19: Wing Kei Tsuen; 20: Luen Hing Wai; 21: Shan Pui River.)



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**Mai Po Inner Deep Bay Ramsar Site  
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*Tables*



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

Table 1a. Numbers of waterbirds in the Deep Bay area between April and September, 2011-2015.

	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Mean</b>	<b>SD</b>
<b>April</b>	18759	10131	19191	12221	15610	14472	5491
<b>May</b>	5615	3278	4712	2838	4149	4785	2094
<b>June</b>	1694	2633	1367	1687	2343	1979	678
<b>July</b>	4068	4628	2612	2906	3240	3010	814
<b>August</b>	4235	5117	4022	3813	4816	4107	774
<b>September</b>	5899	5717	4434	8659	6674	5869	1330

Figures of mean and SD are calculated from the commencement of this programme in 1998 to the latest count.

Table 1b. Numbers of waterbirds in the Ramsar Site between April and September, 2011-2015.

	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Mean</b>	<b>SD</b>
<b>April</b>	10534	8232	10622	7534	10741	10195	2647
<b>May</b>	4275	2698	3029	1253	3292	3703	1858
<b>June</b>	805	1030	706	958	1517	1077	427
<b>July</b>	1471	2094	1190	1899	2178	1649	536
<b>August</b>	2406	3270	1880	2181	2779	2596	489
<b>September</b>	2904	3579	2251	5411	3816	3778	818

Figures of mean and SD are calculated from the commencement of this programme in 1998 to the latest count.

Table 2a. Summary of waterbird counts for April 2015.

	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>Starling Inlet</b>
<b>Cormorants</b>	34	0.2%	33	0.3%	0
<b>Ardeids</b>	1675	10.7%	916	8.5%	181
<b>Ducks, grebes, pelicans</b>	480	3.1%	135	1.3%	7
<b>Rails and coot</b>	148	0.9%	43	0.4%	17
<b>Shorebirds</b>	13216	84.7%	9566	89.1%	4
<b>Gulls and terns</b>	57	0.4%	48	0.4%	0
<b>Total</b>	15610	100.0%	10741	100.0%	209

Table 2b. Summary of waterbird counts for May 2015.

	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>Starling Inlet</b>
<b>Cormorants</b>	1	0.0%	0	0.0%	0
<b>Ardeids</b>	1950	47.0%	1316	40.0%	147
<b>Ducks, grebes, pelicans</b>	177	4.3%	62	1.9%	3
<b>Rails and coot</b>	123	3.0%	45	1.4%	4
<b>Shorebirds</b>	1867	45.0%	1838	55.8%	5
<b>Gulls and terns</b>	31	0.7%	31	0.9%	0
<b>Total</b>	4149	100.0%	3292	100.0%	159

Table 2c. Summary of waterbird counts for June 2015.

	Deep Bay Area	%	Ramsar Site	%	Starling Inlet
Cormorants	1	0.0%	0	0.0%	0
Ardeids	1779	75.9%	1164	76.7%	127
Ducks, grebes, pelicans	187	8.0%	70	4.6%	2
Rails and coot	101	4.3%	26	1.7%	4
Shorebirds	274	11.7%	257	16.9%	0
Gulls and terns	1	0.0%	0	0.0%	0
<b>Total</b>	<b>2343</b>	<b>100.0%</b>	<b>1517</b>	<b>100.0%</b>	<b>133</b>

Table 2d. Summary of waterbird counts for July 2015.

	Deep Bay Area	%	Ramsar Site	%	Starling Inlet
Cormorants	0	0.0%	0	0.0%	0
Ardeids	1831	56.5%	1026	47.1%	97
Ducks, grebes, pelicans	184	5.7%	59	2.7%	4
Rails and coot	78	2.4%	33	1.5%	4
Shorebirds	1138	35.1%	1051	48.3%	4
Gulls and terns	9	0.3%	9	0.4%	0
<b>Total</b>	<b>3240</b>	<b>100.0%</b>	<b>2178</b>	<b>100.0%</b>	<b>109</b>

Table 2e. Summary of waterbird counts for August 2015.

	Deep Bay Area	%	Ramsar Site	%	Starling Inlet
Cormorants	1	0.0%	0	0.0%	0
Ardeids	2758	57.3%	1238	44.5%	95
Ducks, grebes, pelicans	163	3.4%	65	2.3%	1
Rails and coot	83	1.7%	16	0.6%	0
Shorebirds	1811	37.6%	1460	52.5%	13
Gulls and terns	0	0.0%	0	0.0%	0
<b>Total</b>	<b>4816</b>	<b>100.0%</b>	<b>2779</b>	<b>100.0%</b>	<b>109</b>

Table 2f. Summary of waterbird counts for September 2015.

	Deep Bay Area	%	Ramsar Site	%	Starling Inlet
Cormorants	3	0.0%	1	0.0%	0
Ardeids	3068	46.0%	1266	33.2%	101
Ducks, grebes, pelicans	189	2.8%	86	2.3%	1
Rails and coot	64	1.0%	32	0.8%	0
Shorebirds	3346	50.1%	2427	63.6%	8
Gulls and terns	4	0.1%	4	0.1%	0
<b>Total</b>	<b>6674</b>	<b>100.0%</b>	<b>3816</b>	<b>100.0%</b>	<b>110</b>

Table 3a. Numbers of waterbird species groups in Deep Bay area from April to September 2015.

	April	May	June	July	August	September
<b>Cormorants</b>	34	1	1	0	1	3
<b>Ardeids</b>	1675	1950	1779	1831	2758	3068
<b>Ducks, grebes, pelicans</b>	480	177	187	184	163	189
<b>Rails and coot</b>	148	123	101	78	83	64
<b>Shorebirds</b>	13216	1867	274	1138	1811	3346
<b>Gulls and terns</b>	57	31	1	9	0	4

Table 3b. Numbers of waterbird species groups in Ramsar Site from April to September 2015.

	April	May	June	July	August	September
<b>Cormorants</b>	33	0	0	0	0	1
<b>Ardeids</b>	916	1316	1164	1026	1238	1266
<b>Ducks, grebes, pelicans</b>	135	62	70	59	65	86
<b>Rails and coot</b>	43	45	26	33	16	32
<b>Shorebirds</b>	9566	1838	257	1051	1460	2427
<b>Gulls and terns</b>	48	31	0	9	0	4

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

**Monthly Waterbird Monitoring  
Biannual Report 1 (April to September 2015)**

*Appendix 1*



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

### Summary of Waterbird Counts, April 2015

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	SPR	NSW	LHW	WEP	Sha Kiu	NW / LFS	TKC	LC	TSW	MPST	ST	SPS	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Starling Inlet
Little Grebe	31	9	8					10	0	7	3	2			28	3	7	17	27	54	18	50	0	68	<b>224</b>	7
Great Crested Grebe																					0		0	0	<b>0</b>	
Great Cormorant	1	0						0	0	0	1				0	0	0	32	0	0	0	33	0	33	<b>34</b>	
Dalmatian Pelican																					0		0	0	<b>0</b>	
Grey Heron	1	0	11					7	5	10	1	2			0	1	0	3	1	0	21	13	5	39	<b>63</b>	9
Purple Heron	1											1									1	0	0	1	<b>3</b>	
Great Egret	4	5	60	88	43	7	5	30	7	40	7	3	3	14	15	4	19	14	7	2	32	70	150	252	<b>409</b>	112
Intermediate Egret	1	0		2				0	0	0	0				0	0	0	2	0	0	5	1	2	8	<b>10</b>	
Little Egret	10	20	67	23	11	4	2	29	20	64	22	5	2	10	89	10	16	22	15	34	130	122	60	312	<b>605</b>	32
Swinhoe's Egret				2																	0		2	2	<b>2</b>	
Pacific Reef Heron																					0		0	0	<b>0</b>	
Eastern Cattle Egret	1	19	21				1	7	0	0	0			8	0	0	21	12	49	50	12	40	1	53	<b>201</b>	15
Chinese Pond Heron	2	6			7	2	1	15	5	16	18	5	1	4	23	6	6	12	18	30	3	68	15	86	<b>180</b>	1
Striated Heron	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	<b>0</b>	
B-c Night Heron	1	0	4	2	2			0	0	1	0				4	0	0	19	1	3	65	19	4	88	<b>102</b>	10
Yellow Bittern	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	<b>0</b>	1
Cinnamon Bittern																					0		0	0	<b>0</b>	1
Eurasian Bittern																					0		0	0	<b>0</b>	
Black Stork																					0		0	0	<b>0</b>	
Black-headed Ibis																					0		0	0	<b>0</b>	
Eurasian Spoonbill																					0		0	0	<b>0</b>	
Black-faced Spoonbill			5	15				6		2		12				9		1			50	10	15	75	<b>100</b>	
Common Shelduck																					0		0	0	<b>0</b>	
Eurasian Wigeon	0	0	2					0	0	0	0				0	0	0	0	0	0	7	0	0	7	<b>9</b>	
Falcated Duck																					0		0	0	<b>0</b>	
Gadwall																					0		0	0	<b>0</b>	
Baikal Teal																					0		0	0	<b>0</b>	
Eurasian Teal	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	<b>0</b>	
Mallard																					0		0	0	<b>0</b>	
Spot-billed Duck																					0		0	0	<b>0</b>	
Chinese Spot-billed Duck																					0		0	0	<b>0</b>	
Indian Spot-billed Duck																					0		0	0	<b>0</b>	
Northern Pintail																					0		0	0	<b>0</b>	
Garganey	1		1	2																	0	0	2	2	<b>4</b>	
Northern Shoveler	1		69	7								43									50	0	7	57	<b>170</b>	
Common Pochard																					0		0	0	<b>0</b>	
Baer's Pochard																					0		0	0	<b>0</b>	
Tufted Duck																					1		0	1	<b>1</b>	
Greater Scaup																					0		0	0	<b>0</b>	
Red-breasted Merganser																					0		0	0	<b>0</b>	
Duck sp.			72																		0		0	0	<b>72</b>	
Slaty-breasted Rail																					0		0	0	<b>0</b>	
Eastern Water Rail																					0		0	0	<b>0</b>	
White-breasted Waterhen	3	5	4					1	0	5	0				5	3	2	4	6	11	2	12	0	14	<b>51</b>	3
Watercock																					0		0	0	<b>0</b>	
Common Moorhen	6	1						6	0	1	0	7			6	0	0	7	0	12	11	18	0	29	<b>57</b>	14
Eurasian Coot			40																		0		0	0	<b>40</b>	



Pheasant-tailed Jacana																		0	0	0	0
Greater Painted-snipe																		0	0	0	0
Black-winged Stilt	24		12					41	10			6	4	2		17	0	10	0	10	116
Pied Avocet			413				23	15	76					9			1909	23	0	1932	2445
Oriental Pratincole																2	0	0	0	0	2
Northern Lapwing																	0	0	0	0	0
Grey-headed Lapwing			1														0	0	0	0	1
Pacific Golden Plover			90														539	0	539	629	
Grey Plover																	19	0	19	19	
Common Ringed Plover																	0	0	0	0	0
Little Ringed Plover	0	0				0	0	1	0	1		1	0	1	0	0	2	0	2	0	6
Kentish Plover			25														22	0	22	47	
Lesser Sand Plover			20														54	0	54	74	
Greater Sand Plover			120	24					2								0	24	24	146	
Black-tailed Godwit									1								1200	0	1200	1201	
Bar-tailed Godwit																	8	0	8	8	
Whimbrel					2												5	2	7	7	
Eurasian Curlew																	1	0	1	1	
Far Eastern Curlew																	0	0	0	0	
Spotted Redshank			7			60	20	69									19	60	0	79	175
Common Redshank			189			23		664					2				436	2	0	438	1314
Marsh Sandpiper	1		14			62	5	612				1	4				423	7	0	430	1122
Common Greenshank			210			54	22	165				1	2	2	2		361	60	0	421	819
Nordmann's Greenshank																	1	0	1	1	
Green Sandpiper	0	1				1	0	0	0	1		0	0	1	0	1	7	0	2	0	12
Wood Sandpiper	6	2	4			0	0	2	2	3		5	2	6	15	1	11	0	26	0	59
Terek Sandpiper			5	134													0	134	134	139	
Common Sandpiper	1	11	14			2	1	8	3			5	5	7	20	5	10	2	42	1	94
Grey-tailed Tattler			10	2													0	2	2	12	
Ruddy Turnstone			7														0	0	0	7	
Red-necked Phalarope																	0	0	0	0	
Pintail Snipe																	0	0	0	0	
Swinhoe's Snipe																	0	0	0	0	
Pintail/Swinhoe's Snipe																	0	0	0	0	
Common Snipe			1					2							1		0	0	0	4	
Long-billed Dowitcher																	0	0	0	0	
Asian Dowitcher																	15	0	15	15	
Red Knot								1				1					0	1	0	1	2
Great Knot			2														0	2	2	2	
Sanderling																	0	0	0	0	
Red-necked Stint	3		125	680													0	0	680	680	808
Little Stint																	0	0	0	0	
Temminck's Stint	1		2				3										0	0	2	2	6
Long-toed Stint												1	7			19	0	8	0	8	27
Pectoral Sandpiper																	0	0	0	0	0
Sharp-tailed Sandpiper			1			8											4	8	0	12	13
Dunlin																	0	0	0	0	0
Curlew Sandpiper			40	3380		40		390				1					0	41	3380	3421	3851
Spoon-billed Sandpiper				1													0	1	1	1	1
Broad-billed Sandpiper			2	10													0	10	10	12	
Ruff								1									1	0	1	2	

Small wader spp.																						0	0	0	0		
Wader sp.						17																	0	17	17	17	
Black-tailed Gull																							0	0	0	0	
Heuglin's Gull																							0	0	0	0	
Caspian Gull																							0	0	0	0	
Slaty-backed Gull																							0	0	0	0	
Pallas's Gull																							0	0	0	0	
Large Gull spp.																							0	0	0	0	
Brown-headed Gull																							0	0	0	0	
Black-headed Gull	0	0				0	0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	
Saunders's Gull																							0	0	0	0	
Whiskered Tern							1												9	0	0	1	1	1	10		
White-winged Tern																							0	0	0	0	
Gull-billed Tern																							43	0	43	43	
Caspian Tern																							4	0	4	4	
<b>Total</b>	<b>100</b>	<b>79</b>	<b>1674</b>	<b>4376</b>	<b>65</b>	<b>30</b>	<b>9</b>	<b>384</b>	<b>39</b>	<b>263</b>	<b>57</b>	<b>2078</b>	<b>6</b>	<b>36</b>	<b>182</b>	<b>53</b>	<b>99</b>	<b>197</b>	<b>134</b>	<b>275</b>	<b>5474</b>	<b>748</b>	<b>4519</b>	<b>10741</b>	<b>15610</b>	<b>209</b>	
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SI</b>	<b>%</b>																					
<b>Cormorants</b>	<b>34</b>	<b>0%</b>	<b>33</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																					
<b>Ardeids etc</b>	<b>1675</b>	<b>11%</b>	<b>916</b>	<b>9%</b>	<b>181</b>	<b>87%</b>																					
<b>Ducks, grebes, pelicans</b>	<b>480</b>	<b>3%</b>	<b>135</b>	<b>1%</b>	<b>7</b>	<b>3%</b>																					
<b>Rails, coot etc</b>	<b>148</b>	<b>1%</b>	<b>43</b>	<b>0%</b>	<b>17</b>	<b>8%</b>																					
<b>Shorebirds</b>	<b>13216</b>	<b>85%</b>	<b>9566</b>	<b>89%</b>	<b>4</b>	<b>2%</b>																					
<b>Gulls and terns</b>	<b>57</b>	<b>0%</b>	<b>48</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																					
<b>TOTAL</b>	<b>15610</b>	<b>100%</b>	<b>10741</b>	<b>100%</b>	<b>209</b>	<b>100%</b>																					
Date of count: 19 Apr 2015																											
High tide measured at TBT: 2.4m																											
<b>Wetland-dependent 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>SPR</b>	<b>NSW</b>	<b>LHW</b>	<b>WEP</b>	<b>Sha Kiu</b>	<b>NW / LFS</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>SPS</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Starling Inlet</b>	
Osprey			1																1		1			1	3		
Black Kite	1	0		1				1	0	4	2				1	0	2	0	1	2	0	4	1	5	15	1	
White-bellied Sea Eagle																					0			0	0		
Eastern Marsh Harrier				1																	0		1	1	1		
Common Buzzard																					0			0	0		
Greater Spotted Eagle	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0		
Imperial Eagle	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0		
Peregrine Falcon																					0			0	0		
Pied Kingfisher	1	2	5					0	0	11	0	1			0	0	0	4	1	1	0	4	0	4	26	3	
Common Kingfisher	1	4	2					1	1	7	2			2	0	0	1	2	0	0	1	5	1	7	24		
White-throated Kingfisher	0	0	1		1			1	0	0	0		1	1	0	0	0	0	0	0	0	0	2	2	5		
Black-capped Kingfisher	0	0	1					1	0	0	0				0	0	0	0	0	0	0	1	0	1	2		
Red-billed Starling	0	0	2					0	0	0	0				0	0	0	0	0	0	0	0	0	0	2		
Collared Crow	1	3	4					3	0	0	0				4	8	0	1	0	0	4	10	0	14	28		
Crested Serpent Eagle																						0	0	0	0	1	

### Summary of Waterbird Counts, May 2015

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	SPR	NSW	LHW	WEP	Sha Kiu	NW / LFS	TKC	LC	TSW	MPST	ST	SPS	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Starling Inlet
Little Grebe	23	18						3	0	4	4	2			14	0	5	39	9	46	10	52	0	62	177	3
Great Crested Grebe																					0			0	0	
Great Cormorant	1	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	1	
Dalmatian Pelican																					0			0	0	
Grey Heron	0	12	3					0	0	0	0	1			0	0	0	0	0	0	20	0	0	20	36	3
Purple Heron																					0			0	0	
Great Egret	12	11	67	24	15	6	20	9	23	13	1	1	1	8	3	1	21	3	3	25	544	34	87	665	811	93
Intermediate Egret	0	0	1	1				0	0	0	0				1	0	0	0	0	0	3	0	1	4	6	
Little Egret	3	51	140	43	2		4	9	26	19	2	8		5	38	2	32	8	26	20	140	72	75	287	578	7
Swinhoe's Egret																					0			0	0	1
Pacific Reef Heron																					0			0	0	
Eastern Cattle Egret	5	1	3				1	0	2	0	0			1	0	1	8	2	0	15	15	11	3	29	54	27
Chinese Pond Heron	5	25	38	1	1		2	2	5	12	5	2		1	24	6	6	17	14	7	20	49	9	78	193	1
Striated Heron	0	0	1					0	1	0	0			1	0	0	0	0	0	0	2	0	1	3	5	
B-c Night Heron	2	2	27	2	1		2	0	0	0	1				0	0	1	8	2	3	187	10	5	202	238	15
Yellow Bittern	0	0	1					0	0	0	0				1	0	0	2	0	0	0	3	0	3	4	
Cinnamon Bittern																					0			0	0	
Eurasian Bittern																					0			0	0	
Black Stork																					0			0	0	
Black-headed Ibis																					0			0	0	
Eurasian Spoonbill																					0			0	0	
Black-faced Spoonbill																					25			25	25	
Common Shelduck																					0			0	0	
Eurasian Wigeon	0	0						0	0	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	
Eurasian Teal	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	
Mallard																					0			0	0	
Spot-billed Duck																					0			0	0	
Chinese Spot-billed Duck																					0			0	0	
Indian Spot-billed Duck																					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	
Eastern Water Rail																					0			0	0	
White-breasted Waterhen	3	16	10	5				2	0	9	1	1			10	2	4	6	1	7	9	22	5	36	86	4
Watercock																					0			0	0	
Common Moorhen	2	1	23					0	0	0	0	1		1	1	0	0	0	0	0	7	1	0	8	36	
Eurasian Coot																					1			1	1	

Pheasant-tailed Jacana																			0			0	0	
Greater Painted-snipe	1																		0			0	1	
Black-winged Stilt#	3**		4**					2**			12**			1**	6**	43						43	43	
Pied Avocet#	13**		201**					38**	8**	42**				3**	1**	912	41**	0				912	912	
Oriental Pratincole																0						0	0	
Northern Lapwing																0						0	0	
Grey-headed Lapwing																0						0	0	
Pacific Golden Plover																0						0	0	
Grey Plover																28						28	28	
Common Ringed Plover																0						0	0	
Little Ringed Plover	0	0	3				0	0	0	0	2		0	0	0	1	0	3	0	1	0	1	9	
Kentish Plover#																2						2	2	
Lesser Sand Plover#																4						4	4	1
Greater Sand Plover#																92						92	92	
Black-tailed Godwit#																7						7	7	
Bar-tailed Godwit																0						0	0	
Whimbrel#																24						24	24	
Eurasian Curlew#																22						22	22	
Far Eastern Curlew																0						0	0	
Spotted Redshank#											1**					5						5	5	
Common Redshank#																109						109	109	
Marsh Sandpiper										5						0						0	5	
Common Greenshank#																92						92	92	2
Nordmann's Greenshank#																2						2	2	
Green Sandpiper	0	0				0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	
Wood Sandpiper	3	0				0	0	0	0				0	0	0	0	0	0	0	0	0	0	3	
Terek Sandpiper#																180						180	180	
Common Sandpiper	0	0	4			0	1	1	0			2	1	0	3	0	1	0	0	4	1	5	13	2
Grey-tailed Tattler			1									3				0						0	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																0						0	0	
Common Snipe																0						0	0	
Long-billed Dowitcher																0						0	0	
Asian Dowitcher#																4						4	4	
Red Knot#																2						2	2	
Great Knot#																2						2	2	
Sanderling																0						0	0	
Red-necked Stint#																220						220	220	
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#																34						34	34	
Dunlin																0						0	0	
Curlew Sandpiper#																44						44	44	
Spoon-billed Sandpiper																0						0	0	
Broad-billed Sandpiper#																4						4	4	
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	
Caspian Gull																						0			0	0	
Slaty-backed Gull																						0			0	0	
Pallas's Gull																						0			0	0	
Large Gull spp.																						0			0	0	
Brown-headed Gull																						0			0	0	
Black-headed Gull	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	0	
Saunders's Gull																						0			0	0	
Whiskered Tern					10																	0		10	10	10	
White-winged Tern					20									1								0	1	20	21	21	
Gull-billed Tern																						0			0	0	
Caspian Tern																						0			0	0	
<b>Total</b>	<b>60</b>	<b>137</b>	<b>322</b>	<b>76</b>	<b>49</b>	<b>6</b>	<b>29</b>	<b>25</b>	<b>58</b>	<b>58</b>	<b>14</b>	<b>23</b>	<b>1</b>	<b>22</b>	<b>93</b>	<b>13</b>	<b>80</b>	<b>86</b>	<b>56</b>	<b>126</b>	<b>2815</b>	<b>260</b>	<b>217</b>	<b>3292</b>	<b>4149</b>	<b>159</b>	

	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SI</b>	<b>%</b>																					
<b>Cormorants</b>	<b>1</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																					
<b>Ardeids etc</b>	<b>1950</b>	<b>47%</b>	<b>1316</b>	<b>40%</b>	<b>147</b>	<b>92%</b>																					
<b>Ducks, grebes, pelicans</b>	<b>177</b>	<b>4%</b>	<b>62</b>	<b>2%</b>	<b>3</b>	<b>2%</b>																					
<b>Rails, coot etc</b>	<b>123</b>	<b>3%</b>	<b>45</b>	<b>1%</b>	<b>4</b>	<b>3%</b>																					
<b>Shorebirds</b>	<b>1867</b>	<b>45%</b>	<b>1838</b>	<b>56%</b>	<b>5</b>	<b>3%</b>																					
<b>Gulls and terns</b>	<b>31</b>	<b>1%</b>	<b>31</b>	<b>1%</b>	<b>0</b>	<b>0%</b>																					
<b>TOTAL</b>	<b>4149</b>	<b>100%</b>	<b>3292</b>	<b>100%</b>	<b>159</b>	<b>100%</b>																					

Date of count: 17 May 2015

High tide measured at TBT: 2.5m

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

\* = count not included in the total

<b>Wetland-dependent 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>SPR</b>	<b>NSW</b>	<b>LHW</b>	<b>WEP</b>	<b>Sha Kiu</b>	<b>NW / LFS</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>SPS</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Starling Inlet</b>
Osprey			0													1					2	1		3	3	
Black Kite	0	0	0					0	0	0	0				0	0	2	0	5	1	5	2	0	7	13	
White-bellied Sea Eagle																					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	0	0	0	0	0	
Imperial Eagle	0	0	0					0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	
Peregrine Falcon																					0			0	0	
Pied Kingfisher	3	3	4					6	1	5	0	1			0	0	0	4	0	0	4	9	1	14	31	
Common Kingfisher	0	1	2					0	1	2	0				0	0	2	7	0	1	1	9	1	11	17	1
White-throated Kingfisher	0	2	1					0	0	0	0				0	0	0	0	0	1	0	0	0	0	4	
Black-capped Kingfisher	0	0	0					0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	
Red-billed Starling	0	0	0					0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	
Collared Crow	0	0	0					2	0	1	0				0	5	1	3	0	0	7	11	0	18	19	
Crested Serpent Eagle		1																						0	1	1

**Summary of Waterbird Counts, June 2015**

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	SPR	NSW	LHW	WEP	Sha Kiu	NW / LFS	TKC	LC	TSW	MPST	ST	SPS	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Starling Inlet
Little Grebe	33	15						15	0	0	3				25	0	5	23	13	40	15	55	0	70	187	2
Great Crested Grebe																					0			0	0	
Great Cormorant	1	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	1	
Dalmatian Pelican																					0			0	0	
Grey Heron	3	0	1		6			0	0	0	0				0	0	0	0	0	0	11	0	6	17	21	1
Purple Heron																	1				3	1		4	4	
Great Egret	40	34	28	31	26	7	42	5	16	12	1	4		3	4	2	6	7	4	4	448	22	121	591	724	90
Intermediate Egret	1	0					1	0	0	0	0				0	1	0	0	0	0	15	1	1	17	18	
Little Egret	17	50	90	11	33	14	8	4	20	33	3	5	2	6	42	4	1	8	4	19	138	31	86	255	512	15
Swinhoe's Egret																					0			0	0	1
Pacific Reef Heron																					0			0	0	
Eastern Cattle Egret	2	9	5	15	1		6	0	0	0	2				0	0	0	6	0	0	12	6	22	40	58	
Chinese Pond Heron	10	35	47	2		1	7	3	2	21	5	2		8	23	5	13	32	29	11	17	69	12	98	273	2
Striated Heron	0	0	3					0	0	0	0				0	0	0	0	0	0	1	0	0	1	4	1
B-c Night Heron	4	3	8		9	4	17	2	3	2	0			1	1	0	0	0	0	1	97	3	33	133	152	17
Yellow Bittern	1	0						0	1	1	0	2			0	0	0	0	0	0	0	0	1	1	5	
Cinnamon Bittern		1																			0			0	1	
Eurasian Bittern																					0			0	0	
Black Stork																					0			0	0	
Black-headed Ibis																					0			0	0	
Eurasian Spoonbill																					0			0	0	
Black-faced Spoonbill																					7			7	7	
Common Shelduck																					0			0	0	
Eurasian Wigeon	0	0						0	0	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	
Eurasian Teal	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	
Mallard																					0			0	0	
Spot-billed Duck																					0			0	0	
Chinese Spot-billed Duck																					0			0	0	
Indian Spot-billed Duck																					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							1														0		1	1	1	
Eastern Water Rail																					0			0	0	
White-breasted Waterhen	7	8	8		1		4	3	0	6	2	2			6	0	1	9	6	3	2	17	5	24	68	4
Watercock																					0			0	0	
Common Moorhen	1	0	15					0	1	0	0			15	0	0	0	0	0	0	0	0	1	1	32	
Eurasian Coot																					0			0	0	

Pheasant-tailed Jacana																			0			0	0	
Greater Painted-snipe																			3			3	3	
Black-winged Stilt					3		2												26	1	5	32	35	
Pied Avocet																			85			85	85	
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	1	5				0	0	0	0				0	0	1	3	0	0	0	4	0	4	10	
Kentish Plover																			0			0	0	
Lesser Sand Plover																			0			0	0	
Greater Sand Plover																			0			0	0	
Black-tailed Godwit																			2			2	2	
Bar-tailed Godwit																			0			0	0	
Whimbrel																			17			17	18	
Eurasian Curlew																			26			26	26	
Far Eastern Curlew																			0			0	0	
Spotted Redshank																			0			0	0	
Common Redshank																			1		1	2	4	
Marsh Sandpiper																			0			0	0	
Common Greenshank																			54			54	55	
Nordmann's Greenshank																			0			0	0	
Green Sandpiper	0	0				0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	
Wood Sandpiper	0	0				0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	
Terek Sandpiper																			0			0	0	
Common Sandpiper	0	0	2				1	0	0	0		1	1	0	0	0	0	0	0	1	0	1	5	
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.																							31			31	31			
Black-tailed Gull																							0			0	0			
Heuglin's Gull																							0			0	0			
Caspian Gull																							0			0	0			
Slaty-backed Gull																							0			0	0			
Pallas's Gull																							0			0	0			
Large Gull spp.																							0			0	0			
Brown-headed Gull																							0			0	0			
Black-headed Gull	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Saunders's Gull																							0			0	0			
Whiskered Tern																				1			0			0	1			
White-winged Tern																							0			0	0			
Gull-billed Tern																							0			0	0			
Caspian Tern																							0			0	0			
Total	121	160	207	59	77	26	89	33	45	75	16	19	6	34	102	12	27	89	57	78	1011	211	295	1517	2343	133				
		<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SI</b>	<b>%</b>																							
<b>Cormorants</b>	<b>1</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																								
<b>Ardeids etc</b>	<b>1779</b>	<b>76%</b>	<b>1164</b>	<b>77%</b>	<b>127</b>	<b>95%</b>																								
<b>Ducks, grebes, pelicans</b>	<b>187</b>	<b>8%</b>	<b>70</b>	<b>5%</b>	<b>2</b>	<b>2%</b>																								
<b>Rails, coot etc</b>	<b>101</b>	<b>4%</b>	<b>26</b>	<b>2%</b>	<b>4</b>	<b>3%</b>																								
<b>Shorebirds</b>	<b>274</b>	<b>12%</b>	<b>257</b>	<b>17%</b>	<b>0</b>	<b>0%</b>																								
<b>Gulls and terns</b>	<b>1</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																								
<b>TOTAL</b>	<b>2343</b>	<b>100%</b>	<b>1517</b>	<b>100%</b>	<b>133</b>	<b>100%</b>																								
Date of count: 14 Jun 2015																														
n/c = site not counted																														
High tide measured at TBT: 2.4m																														
<b>Wetland-dependent 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>SPR</b>	<b>NSW</b>	<b>LHW</b>	<b>WEP</b>	<b>Sha Kiu</b>	<b>NW / LFS</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>SPS</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Starling Inlet</b>				
Western Osprey				1																		1	1	2	2					
Black Kite	2	0	1		3		4	3	2	2	0			2	1	0	1	0	1	0	4	5	12	21	26	1				
White-bellied Sea Eagle																						0			0	0				
Eastern Marsh Harrier																						0			0	0				
Eastern Buzzard																						0			0	0				
Greater Spotted Eagle	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	0				
Eastern Imperial Eagle	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	0				
Peregrine Falcon															1							0	1		1	1				
Pied Kingfisher	2	5	5					2	0	4	0				1	2	0	1	2	2	0	5	0	5	26	1				
Common Kingfisher	2	3	1				1	0	0	1	1		1		1	1	0	2	0	3	1	4	1	6	18	2				
White-throated Kingfisher	0	1				1		0	0	0	0			1	0	0	0	0	0	0	0	0	1	1	3					
Black-capped Kingfisher	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0					
Red-billed Starling	0	0	52					0	0	0	0				0	0	0	14	0	0	0	14	0	14	66					
Collared Crow	0	3						3	1	0	0				3	5	2	2	0	0	42	11	3	56	61					



### Summary of Waterbird Counts, July 2015

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	SPR	NSW	LHW	WEP	Sha Kiu	NW / LFS	TKC	LC	TSW	MPST	ST	SPS	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Starling Inlet	
Little Grebe	24	11						4	0	2	2	1			19	0	5	21	13	66	16	43	0	59	184	4	
Great Crested Grebe																					0			0	0		
Great Cormorant	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0		
Dalmatian Pelican																					0			0	0		
Grey Heron	2	0	2					0	0	0	0				0	0	0	0	0	0	2	0	0	2	6	7	
Purple Heron															1						0		1	1	1		
Great Egret	33	7	67	6	3	25	62	14	26	65	7	1		11	1	4	8	3	5	65	332	35	120	487	745	52	
Intermediate Egret	0	0						0	1	0	0				0	0	0	0	0	0	0	0	1	1	1		
Little Egret	12	53	109					5	2	22	84	8	1	1	3	36	2	39	23	6	52	154	95	27	276	612	32
Swinhoe's Egret																					0			0	0		
Pacific Reef Heron																					0			0	0		
Eastern Cattle Egret	0	1		6			1	0	0	0	2				0	3	1	47	0	0	19	51	7	77	80		
Chinese Pond Heron	22	17	57	1			4	1	6	32	14				36	7	17	47	17	25	9	107	11	127	312	4	
Striated Heron	0	0	2					0	0	0	0		1	6	0	0	0	0	0	0	2	0	0	2	11		
B-c Night Heron	0	0	5				13	0	1	0	6				1	0	0	1	0	0	31	7	13	51	58	2	
Yellow Bittern	0	0						0	1	2	0	1			0	0	0	1	0	0	0	1	1	2	5		
Cinnamon Bittern																					0			0	0		
Eurasian 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	0	0	0	0		
Falcated Duck																					0			0	0		
Gadwall																					0			0	0		
Baikal Teal																					0			0	0		
Eurasian Teal	0	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	0		
Mallard																					0			0	0		
Spot-billed Duck																					0			0	0		
Chinese Spot-billed Duck																					0			0	0		
Indian Spot-billed Duck																					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																					2			2	2		
Eastern Water Rail																					0			0	0		
White-breasted Waterhen	2	0	11				5	1	0	7	2	1			8	0	1	4	2	5	9	12	5	26	58	4	
Watercock																					0			0	0		
Common Moorhen	1	0	6	1				0	1	0	0			6	0	0	0	0	0	0	3	0	2	5	18		
Eurasian Coot																					0			0	0		

Pheasant-tailed Jacana																			0			0	0		
Greater Painted-snipe																			5			5	5		
Black-winged Stilt							2						5						26	3		29	33		
Pied Avocet																			1			1	1		
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	1	0	12				0	0	0	0			1	0	1	5	0	3	1	6	0	7	24		
Kentish Plover																			0			0	0		
Lesser Sand Plover																			0			0	0		
Greater Sand Plover																			1			1	1		
Black-tailed Godwit																			37			37	37		
Bar-tailed Godwit																			0			0	0		
Whimbrel																			7			7	7		
Eurasian Curlew																			55			55	55		
Far Eastern Curlew																			0			0	0		
Spotted Redshank																			0			0	0		
Common Redshank														1					696	1		697	697		
Marsh Sandpiper																			3			3	3		
Common Greenshank			2						4		30								196			196	232		
Nordmann's Greenshank																			0			0	0		
Green Sandpiper	1	0					0	0	0	0			0	0	1	0	0	3	0	1	0	1	5		
Wood Sandpiper	9	0	2				0	0	0	0			0	0	0	0	0	0	3	0	0	3	14		
Terek Sandpiper																			0			0	0		
Common Sandpiper	0	0	8				1	1	1	0	0		1	1	0	3	0	4	1	2	4	2	8	23	4
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																			1			1	1		
Spoon-billed Sandpiper																			0			0	0		
Broad-billed Sandpiper																			0			0	0		
Ruff																			0			0	0		

Wader sp.																				0			0	0			
Small wader sp.																				0			0	0			
Black-tailed Gull																				0			0	0			
Heuglin's Gull																				0			0	0			
Caspian Gull																				0			0	0			
Slaty-backed Gull																				0			0	0			
Pallas's Gull																				0			0	0			
Large Gull spp.																				0			0	0			
Brown-headed Gull																				0			0	0			
Black-headed Gull	0	0							0	0	0	0			0	0	0	0	0	0	0	0	0	0			
Saunders's Gull																				0			0	0			
Whiskered Tern																		7		0	7		7	7			
Little Tern															2					0	2		2	2			
White-winged Tern																				0			0	0			
Gull-billed Tern																				0			0	0			
Caspian Tern																				0			0	0			
<b>Total</b>	<b>107</b>	<b>89</b>	<b>283</b>	<b>14</b>	<b>3</b>	<b>25</b>	<b>91</b>	<b>23</b>	<b>59</b>	<b>198</b>	<b>41</b>	<b>35</b>	<b>3</b>	<b>26</b>	<b>109</b>	<b>16</b>	<b>78</b>	<b>160</b>	<b>47</b>	<b>220</b>	<b>1613</b>	<b>375</b>	<b>190</b>	<b>2178</b>	<b>3240</b>	<b>109</b>	
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SI</b>	<b>%</b>																					
<b>Cormorants</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																					
<b>Ardeids etc</b>	<b>1831</b>	<b>57%</b>	<b>1026</b>	<b>47%</b>	<b>97</b>	<b>89%</b>																					
<b>Ducks, grebes, pelicans</b>	<b>184</b>	<b>6%</b>	<b>59</b>	<b>3%</b>	<b>4</b>	<b>4%</b>																					
<b>Rails, coot etc</b>	<b>78</b>	<b>2%</b>	<b>33</b>	<b>2%</b>	<b>4</b>	<b>4%</b>																					
<b>Shorebirds</b>	<b>1138</b>	<b>35%</b>	<b>1051</b>	<b>48%</b>	<b>4</b>	<b>4%</b>																					
<b>Gulls and terns</b>	<b>9</b>	<b>0%</b>	<b>9</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																					
<b>TOTAL</b>	<b>3240</b>	<b>100%</b>	<b>2178</b>	<b>100%</b>	<b>109</b>	<b>100%</b>																					
Date of count: 13 Jul 2014																											
High tide measured at TBT: 3.0m																											
<b>Wetland-dependent 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>SPR</b>	<b>NSW</b>	<b>LHW</b>	<b>WEP</b>	<b>Sha Kiu</b>	<b>NW/ LFS</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>SPS</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Starling Inlet</b>	
Western Osprey							1														1			1	2		
Black Kite	0	0				3	2		0	2	6			4	0	0	4	3	0	0	18	14	3	35	42	1	
White-bellied Sea Eagle																					0			0	0		
Eastern Marsh Harrier																					0			0	0		
Eastern Buzzard																					0			0	0		
Greater Spotted Eagle	0	0					0	0	0	0					0	0	0	0	0	0	0	0	0	0	0		
Eastern Imperial Eagle	0	0					0	0	0	0					0	0	0	0	0	0	0	0	0	0	0		
Peregrine Falcon																					0			0	0		
Pied Kingfisher	0	0		1			2	0	4	0					0	1	0	2	7	1	5	5	1	11	23	1	
Common Kingfisher	1	0	3				0	0	2	0	1				1	0	0	1	4	0	1	2	0	3	14	2	
White-throated Kingfisher	0	0	1				2	2	0	2	0			1	0	0	0	1	0	1	1	3	2	6	11	1	
Black-capped Kingfisher	0	0					0	0	0	0					0	0	0	0	0	0	0	0	0	0	0		
Red-billed Starling	0	0					0	0	0	0					0	0	0	0	0	0	0	0	0	0	0		
Collared Crow	0	0					0	0	0	0					0	7	3	1	0	0	11	11	0	22	22		
Besra																									0	1	

### Summary of Waterbird Counts, August 2015

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	SPR	NSW	LHW	WEP	Sha Kiu	NW / LFS	TKC	LC	TSW	MPST	ST	SPS	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Starling Inlet
Little Grebe	22	23	1					15	0	2	3	2			15	0	1	18	3	30	28	37	0	65	<b>163</b>	1
Great Crested Grebe																					0			0	<b>0</b>	
Great Cormorant	1	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	<b>1</b>	
Dalmatian Pelican																					0			0	<b>0</b>	
Grey Heron	4	0						1	1	7	0				0	0	0	0	0	0	52	0	1	53	<b>65</b>	3
Purple Heron																					2			2	<b>2</b>	
Great Egret	171	60	62			3	31	31	11	46	6	1		11	10	1	30	14	20	47	317	98	44	459	<b>872</b>	27
Intermediate Egret	0	0						0	0	0	0				0	0	1	0	0	4	3	1	0	4	<b>8</b>	
Little Egret	95	45	210			1	11	28	22	94	16	6		29	35	10	67	40	35	173	113	182	34	329	<b>1030</b>	47
Swinhoe's Egret																					0			0	<b>0</b>	
Pacific Reef Heron																					0			0	<b>0</b>	
Eastern Cattle Egret	0	9					12	2	0	0	0	0			0	12	35	0	0	5	5	25	12	42	<b>80</b>	8
Chinese Pond Heron	50	49	99				8	49	7	25	34	5	3	2	33	7	10	73	23	19	29	195	14	238	<b>525</b>	2
Striated Heron	0	0						0	0	0	0	0			0	0	0	0	0	0	3	0	0	3	<b>3</b>	
B-c Night Heron	3	18	27			3	10	17	5	3	2	0			1	0	1	2	3	4	57	22	18	97	<b>156</b>	8
Yellow Bittern	2	0						1	1	0	0	0			0	0	0	4	0	1	2	6	0	8	<b>11</b>	
Cinnamon Bittern	1							1													0			0	<b>2</b>	
Eurasian Bittern																					0			0	<b>0</b>	
Black Stork																					0			0	<b>0</b>	
Black-headed Ibis																					0			0	<b>0</b>	
Eurasian Spoonbill																					0			0	<b>0</b>	
Black-faced Spoonbill	1																				3			3	<b>4</b>	
Common Shelduck																					0			0	<b>0</b>	
Eurasian Wigeon	0	0						0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	<b>0</b>	
Falcated Duck																					0			0	<b>0</b>	
Gadwall																					0			0	<b>0</b>	
Baikal Teal																					0			0	<b>0</b>	
Eurasian Teal	0	0						0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	<b>0</b>	
Mallard																					0			0	<b>0</b>	
Spot-billed Duck																					0			0	<b>0</b>	
Chinese Spot-billed Duck																					0			0	<b>0</b>	
Indian Spot-billed Duck																					0			0	<b>0</b>	
Northern Pintail																					0			0	<b>0</b>	
Garganey																					0			0	<b>0</b>	
Northern Shoveler																					0			0	<b>0</b>	
Common Pochard																					0			0	<b>0</b>	
Baer's Pochard																					0			0	<b>0</b>	
Tufted Duck																					0			0	<b>0</b>	
Greater Scaup																					0			0	<b>0</b>	
Red-breasted Merganser																					0			0	<b>0</b>	
Duck sp.																					0			0	<b>0</b>	
Slaty-breasted Rail																					0			0	<b>0</b>	
Eastern Water Rail																					0			0	<b>0</b>	
White-breasted Waterhen	7	9	9				2	6	0	2	2	0		1	3	1	1	4	4	8	3	10	2	15	<b>62</b>	
Watercock																					0			0	<b>0</b>	
Common Moorhen	7	0	12					0	1	0	0	0		1	0	0	0	0	0	0	0	0	1	1	<b>21</b>	
Eurasian Coot																					0			0	<b>0</b>	

Pheasant-tailed Jacana																				0			0	0	
Greater Painted-snipe																				0			0	0	
Black-winged Stilt	12	1	3																7	1			1	24	
Pied Avocet																				7			7	7	
Oriental Pratincole																				0			0	0	
Northern Lapwing																				0			0	0	
Grey-headed Lapwing																				0			0	0	
Pacific Golden Plover																				0			0	0	
Grey Plover				1																0		1	1	1	
Common Ringed Plover																				0			0	0	
Little Ringed Plover	8	1	15			0	0	0	0	0			0	0	0	25	0	0	0	25	0	25	49		
Kentish Plover			6																	0			0	6	
Lesser Sand Plover																				0			0	0	
Greater Sand Plover				107																0		107	107	107	13
Black-tailed Godwit																				127			127	127	
Bar-tailed Godwit																				0			0	0	
Whimbrel																				182			182	182	
Eurasian Curlew																				64			64	64	
Far Eastern Curlew																				0			0	0	
Spotted Redshank																				0			0	0	
Common Redshank	26		6					15												390			390	437	
Marsh Sandpiper																				18			18	18	
Common Greenshank	1		29					11							2					429	2		431	472	
Nordmann's Greenshank																				0			0	0	
Green Sandpiper	0	0				0	0	0	0	3			0	0	0	1	0	0	0	1	0		1	4	
Wood Sandpiper	132	1	14			2	0	1	0	2			0	0	0	1	0	0	8	3	0	11	161		
Terek Sandpiper	1		2	54																0		54	54	57	
Common Sandpiper	6	5	20			1	1	2	0	2		1	0	1	5	9	5	13	0	17	0	17	71		
Grey-tailed Tattler				9																0		9	9	9	
Ruddy Turnstone				1																0		1	1	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																				0			0	0	
Long-billed Dowitcher																				0			0	0	
Asian Dowitcher																				4			4	4	
Red Knot																				0			0	0	
Great Knot				4																0		4	4	4	
Sanderling																				0			0	0	
Red-necked Stint				6																0		6	6	6	
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			
Caspian Gull																							0			0	0			
Slaty-backed Gull																							0			0	0			
Pallas's Gull																							0			0	0			
Large Gull spp.																							0			0	0			
Brown-headed Gull																							0			0	0			
Black-headed Gull	0	0						0	0	0	0	0				0	0	0	0	0	0	0	0	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>550</b>	<b>221</b>	<b>515</b>	<b>182</b>	<b>0</b>	<b>7</b>	<b>74</b>	<b>154</b>	<b>49</b>	<b>208</b>	<b>63</b>	<b>21</b>	<b>3</b>	<b>45</b>	<b>97</b>	<b>32</b>	<b>151</b>	<b>193</b>	<b>93</b>	<b>311</b>	<b>1847</b>	<b>624</b>	<b>308</b>	<b>2779</b>	<b>4816</b>	<b>109</b>				
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SI</b>	<b>%</b>																								
<b>Cormorants</b>	<b>1</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																								
<b>Ardeids etc</b>	<b>2758</b>	<b>57%</b>	<b>1238</b>	<b>45%</b>	<b>95</b>	<b>87%</b>																								
<b>Ducks, grebes, pelicans</b>	<b>163</b>	<b>3%</b>	<b>65</b>	<b>2%</b>	<b>1</b>	<b>1%</b>																								
<b>Rails, coot etc</b>	<b>83</b>	<b>2%</b>	<b>16</b>	<b>1%</b>	<b>0</b>	<b>0%</b>																								
<b>Shorebirds</b>	<b>1811</b>	<b>38%</b>	<b>1460</b>	<b>53%</b>	<b>13</b>	<b>12%</b>																								
<b>Gulls and terns</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																								
<b>TOTAL</b>	<b>4816</b>	<b>100%</b>	<b>2779</b>	<b>100%</b>	<b>109</b>	<b>100%</b>																								
Date of count: 16 Aug 2015																														
High tide measured at TBT: 2.8m																														
<b>Wetland-dependent 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>SPR</b>	<b>NSW</b>	<b>LHW</b>	<b>WEP</b>	<b>Sha Kiu</b>	<b>NW / LFS</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPST</b>	<b>ST</b>	<b>SPS</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Starling Inlet</b>				
Western Osprey												0										0			0	0				
Black Kite	0	4					2	3	0	26	3	0		1	0	0	4	5	2	0	29	15	5	49	79					
White-bellied Sea Eagle												0										0			0	0				
Eastern Marsh Harrier												0										0			0	0				
Eastern Buzzard												0										0			0	0				
Greater Spotted Eagle	0	0					0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0				
Eastern Imperial Eagle	0	0					0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0				
Peregrine Falcon												0										0			0	0				
Pied Kingfisher	2	4	4				3	3	2	1	0	0			0	0	0	2	0	0	2	5	5	12	23					
Common Kingfisher	1	12	6				2	0	4	2	0	1			1	1	2	3	3	2	2	10	0	12	42	1				
White-throated Kingfisher	0	3	4				3	0	0	2	0	0		2	0	1	1	1	4	0	2	3	3	8	23	1				
Black-capped Kingfisher	0	0	1				0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	1					
Red-billed Starling	0	0	16				0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	16					
Collared Crow	0	1	3				7	7	0	0	0	0		4	0	3	11	5	2	0	15	26	7	48	58					
Bonelli's Eagle												1										0	0	0	1	1				
Black-winged Kite																						1	0	0	1	1				

### Summary of Waterbird Counts, September 2015

SPECIES	SRA	SRB	DBA	DBB	DBC	DBD	DBE	DBF (TBT)	SPR	NSW	LHW	WEP	Sha Kiu	NW / LFS	TKC	LC	TSW	MPS T	ST	SPS	MPNR	Ramsar ponds	Ramsar intertidal areas	Ramsar Site	DEEP BAY AREA	Starling Inlet
Little Grebe	8	17	1					8	0	9	9	2			30	0	0	30	15	29	3	58	0	61	161	1
Great Crested Grebe																					0			0	0	
Great Cormorant	2	0						0	0	0	1	0			0	0	0	0	0	0	0	1	0	1	3	
Dalmatian Pelican																					0			0	0	
Grey Heron	23	4	17	3				4	19	24	1	14			1	0	1	7	0	1	36	14	21	71	155	11
Purple Heron																					2			2	2	
Great Egret	26	85	90	34				71	15	69	8	1	5	11	2	15	79	8	7	216	111	192	43	346	853	42
Intermediate Egret	1	0	1					0	0	0	0	0			1	0	0	0	0	1	2	0	0	2	6	1
Little Egret	38	57	117	84				176	5	63	20	4	36	14	44	33	97	31	12	426	96	363	86	545	1353	24
Swinhoe's Egret																					0			0	0	
Pacific Reef Heron																					0			0	0	
Eastern Cattle Egret	0	47	0					2	0	0	0	3			0	49	54	2	0	71	1	105	0	106	229	14
Chinese Pond Heron	40	58	54	2				11	4	22	25	11	1	2	27	8	20	51	5	20	17	126	6	149	378	5
Striated Heron	0	0						0	0	0	0	0			0	0	0	0	0	1	1	0	0	1	2	
B-c Night Heron	11	3	14					2	1	8	5	0			0	0	0	13	0	4	14	21	0	35	75	4
Yellow Bittern	1	0	1					0	0	1	0	2			1	0	0	1	0	0	4	2	0	6	11	
Cinnamon Bittern	1																				0			0	1	
Eurasian Bittern																					0			0	0	
Black Stork																					0			0	0	
Black-headed Ibis																					0			0	0	
Eurasian Spoonbill																					0			0	0	
Black-faced Spoonbill				3																	0		3	3	3	
Common Shelduck																					0			0	0	
Eurasian Wigeon	0	0	1					0	0	0	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	
Eurasian Teal	1	0						0	0	0	0				0	0	0	0	0	0	0	0	0	0	1	
Mallard																					0			0	0	
Spot-billed Duck																					0			0	0	
Chinese Spot-billed Duck																					0			0	0	
Indian Spot-billed Duck																					0			0	0	
Northern Pintail																					0			0	0	
Garganey				25																	0		25	25	25	
Northern Shoveler			1																		0			0	1	
Common Pochard																					0			0	0	
Baer's Pochard																					0			0	0	
Tufted Duck																					0			0	0	
Greater Scaup																					0			0	0	
Red-breasted Merganser																					0			0	0	
Duck sp.																					0			0	0	
Slaty-breasted Rail																					0			0	0	
Eastern Water Rail																					0			0	0	
White-breasted Waterhen	2	1	4					4	0	3	5				4	0	8	4	0	6	5	25	0	30	46	
Watercock																					0			0	0	
Common Moorhen	0	0	14					1	0	1	0				0	0	0	0	0	0	2	0	0	2	18	

Eurasian Coot																			0			0	0	
Pheasant-tailed Jacana																			0			0	0	
Greater Painted-snipe																			0			0	0	
Black-winged Stilt	31	3	29			4		18		2				2	7	2		14	13	11		24	125	
Pied Avocet																			12			12	12	
Oriental Pratincole																			0			0	0	
Northern Lapwing																			0			0	0	
Grey-headed Lapwing			2																0			0	2	
Pacific Golden Plover			165																1			1	166	
Grey Plover																			1			1	1	
Common Ringed Plover																			0			0	0	
Little Ringed Plover	20	4	20			0	0	0	0			8	1	0	2	0	0	44	0	3	0	3	99	
Kentish Plover			20																0			0	20	
Lesser Sand Plover			10																0			0	10	
Greater Sand Plover			30																26			26	56	6
Black-tailed Godwit																			480			480	480	
Bar-tailed Godwit																			7			7	7	
Whimbrel			4							6									92			92	102	
Eurasian Curlew			3																81			81	84	
Far Eastern Curlew																			0			0	0	
Spotted Redshank																			1			1	1	
Common Redshank	39		10					4											181			181	234	
Marsh Sandpiper																	2	547				547	549	
Common Greenshank			69					5		11							3	920				920	1008	1
Nordmann's Greenshank																			0			0	0	
Green Sandpiper	0	1				2	0	0	0			1	2	0	0	1	0	6	0	3	0	3	13	
Wood Sandpiper	92	116	9			0	0	4	0			1	0	0	0	4	1	17	5	4	0	9	249	
Terek Sandpiper			1																0			0	1	
Common Sandpiper	1	12	32			3	0	7	2		3		12	0	2	10	2	7	0	21	0	21	93	1
Grey-tailed Tattler			2																0			0	2	
Ruddy Turnstone																			0			0	0	
Red-necked Phalarope																			0			0	0	
Pintail Snipe																			0			0	0	
Swinhoe's Snipe																			0			0	0	
Pintail/Swinhoe's Snipe	1																1	1				1	3	
Common Snipe										1									1			1	2	
Long-billed Dowitcher																			0			0	0	
Asian Dowitcher																			0			0	0	
Red Knot																			0			0	0	
Great Knot								16											0		16	16	16	
Sanderling																			0			0	0	
Red-necked Stint	2																		0			0	2	
Little Stint																			0			0	0	
Temminck's Stint																	2	0				0	2	
Long-toed Stint			3																0			0	3	
Pectoral Sandpiper																			0			0	0	
Sharp-tailed Sandpiper																			0			0	0	
Dunlin			4																0			0	4	
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		
Small wader sp.																						0			0	0		
Black-tailed Gull																						0			0	0		
Heuglin's Gull																						0			0	0		
Caspian 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		3				1	0	0	0						0	0	0	0	0	0	1	3	4	4		
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>340</b>	<b>411</b>	<b>725</b>	<b>170</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>289</b>	<b>44</b>	<b>238</b>	<b>76</b>	<b>40</b>	<b>62</b>	<b>37</b>	<b>125</b>	<b>107</b>	<b>270</b>	<b>164</b>	<b>42</b>	<b>871</b>	<b>2663</b>	<b>950</b>	<b>203</b>	<b>3816</b>	<b>6674</b>	<b>110</b>		
	<b>Deep Bay Area</b>	<b>%</b>	<b>Ramsar Site</b>	<b>%</b>	<b>SI</b>	<b>%</b>																						
<b>Cormorants</b>	<b>3</b>	<b>0%</b>	<b>1</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																						
<b>Ardeids etc</b>	<b>3068</b>	<b>46%</b>	<b>1266</b>	<b>33%</b>	<b>101</b>	<b>92%</b>																						
<b>Ducks, grebes, pelicans</b>	<b>189</b>	<b>3%</b>	<b>86</b>	<b>2%</b>	<b>1</b>	<b>1%</b>																						
<b>Rails, coot etc</b>	<b>64</b>	<b>1%</b>	<b>32</b>	<b>1%</b>	<b>0</b>	<b>0%</b>																						
<b>Shorebirds</b>	<b>3346</b>	<b>50%</b>	<b>2427</b>	<b>64%</b>	<b>8</b>	<b>7%</b>																						
<b>Gulls and terns</b>	<b>4</b>	<b>0%</b>	<b>4</b>	<b>0%</b>	<b>0</b>	<b>0%</b>																						
<b>TOTAL</b>	<b>6674</b>	<b>100%</b>	<b>3816</b>	<b>100%</b>	<b>110</b>	<b>100%</b>																						
Date of count: 13 Sep 2015																												
High tide measured at TBT: 2.5m																												
<b>Wetland-dependent 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>SPR</b>	<b>NSW</b>	<b>LHW</b>	<b>WEP</b>	<b>Sha Kiu</b>	<b>NW/LFS</b>	<b>TKC</b>	<b>LC</b>	<b>TSW</b>	<b>MPS T</b>	<b>ST</b>	<b>SPS</b>	<b>MPNR</b>	<b>Ramsar ponds</b>	<b>Ramsar intertidal areas</b>	<b>Ramsar Site</b>	<b>DEEP BAY AREA</b>	<b>Starling Inlet</b>		
Western Osprey			1																		1				1	2		
Black Kite	0	7					0	0	8	1	1				0	0	0	0	2	0	9	0	0	9	28	1		
White-bellied Sea Eagle																					0			0	0			
Eastern Marsh Harrier																					0			0	0			
Eastern Buzzard																					0			0	0			
Greater Spotted Eagle	0	0					0	0	0	0					0	0	0	0	0	0	0	0	0	0	0			
Eastern Imperial Eagle	0	0					0	0	0	0					0	0	0	0	0	0	0	0	0	0	0			
Peregrine Falcon																					0			0	0			
Pied Kingfisher	1	2	3	1			10	0	2	2			1	0	0	0	3	0	0	0	13	1	14	25				
Common Kingfisher	0	11	7				0	0	5	2	1	1		7	0	0	5	5	7	3	13	0	16	54	1			
White-throated Kingfisher	2	0	2				0	0	1	0	1	1	1	0	0	0	1	1	1	1	3	0	4	12				
Black-capped Kingfisher	0	0					0	0	0	0				0	0	0	0	0	0	0	0	0	0	0				
Red-billed Starling	0	0	30				0	0	0	0				0	0	0	0	0	0	0	0	0	0	30				
Collared Crow	0	1	4				5	0	6	0			3	1	2	12	6	0	0	10	26	0	36	50				
Crested Serpent Eagle																								0			1	
Black-winged Kite							1															1	0	1	1			