

Contract Reference No.: AFCD/SQ/57/13

**Mai Po Inner Deep Bay Ramsar Site  
Waterbird Monitoring Programme  
2013 - 14**

**Monthly Waterbird Monitoring**

**Biannual Report 1  
(April to September 2013)**



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

December 2013



*This report is printed on 100% recycled paper*

**Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2013-14**

---

**Waterbird Count Coordinator**

YU Yat-tung

The Hong Kong Bird Watching Society

**Data Contributors**

Bonnie CHAN, CHAN Ka-ho, Gary CHOW, Emily CHOW, Camille CHUNG, Forest FONG, Helen FONG, Vivian FU, Bowie FUNG, Martin HALE, John and Jemi HOLMES, Tony HUNG, HUNG Wai-ming, Aaron KEUNG, LAI Nga-yee, Alan LAM, Shirley LAM, Roger LEE, Austin NG, SO Ying-kin, Graham TALBOT, Ivan TSE, Captain WONG,

YING Hak-king and YU Yat-tung,

The Hong Kong Bird Watching Society,

Shenzhen Bird Watching Society,

Agriculture, Fisheries and Conservation Department

**Copyright**

The project is part of the "Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2013-14" funded by Agriculture, Fisheries and Conservation Department, Hong Kong SAR Government. All the data shall be the property of the Government with full copyright.

**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](mailto:faunaenq@afcd.gov.hk) Website: [www.afcd.gov.hk](http://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](mailto:hkbws@hkbws.org.hk) Website: [www.hkbws.org.hk](http://www.hkbws.org.hk)

**This publication should be cited as**

Anon. 2013. Monthly Waterbird Monitoring Biannual Report 1 (April to September 2013), Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2013-14. Report by the Hong Kong Bird Watching Society to the Agriculture, Fisheries and Conservation Department, Hong Kong Special Administrative Region Government.

## TABLE OF CONTENTS

### REPORT

|                                      |    |
|--------------------------------------|----|
| 1. Introduction.....                 | 6  |
| 2. Methodology .....                 | 6  |
| 3. Results.....                      | 7  |
| 3.1 Great Cormorant.....             | 8  |
| 3.2 Ardeids.....                     | 8  |
| 3.3 Ducks and Grebes .....           | 9  |
| 3.4 Rails and Coots.....             | 10 |
| 3.5 Shorebirds.....                  | 11 |
| 3.6 Gulls and Terns.....             | 12 |
| 3.7 Globally threatened species..... | 12 |
| 4. Discussion.....                   | 13 |
| 5. Acknowledgements.....             | 13 |
| 6. References.....                   | 14 |

### FIGURES

|   |    |
|---|----|
| Figure 1. Waterbird numbers in the Deep Bay area from April to September, 2009-2013.....          | 7  |
| Figure 2. Waterbird numbers in the Ramsar Site from April to September, 2009-2013. ....           | 8  |
| Figure 3. Number of Ardeids in the Deep Bay area from April to September, 2009-2013.....          | 9  |
| Figure 4. Number of Ducks and Grebes in the Deep Bay area from April to September, 2009-2013..... | 10 |
| Figure 5. Number of Rails and Coots in the Deep Bay area from April to September, 2009-2013.....  | 10 |
| Figure 6. Number of Shorebirds in the Deep Bay area from April to September, 2009-2013.....       | 11 |
| Figure 7. Number of Gulls and Terns in the Deep Bay area from April to September, 2009-2013.....  | 12 |

### Map

|  |    |
|--|----|
| Map 1. Map of Hong Kong showing the location of the Mai Po Inner Deep Bay Ramsar Site..... | 16 |
| Map 2. Boundary of the Mai Po Inner Deep Bay Ramsar Site .....                             | 16 |
| Map 3. Locations of counting areas in the Waterbird Monitoring Programme .....             | 17 |

## **TABLES**

|  |    |
|--|----|
| Table 1a. Numbers of waterbirds in the Deep Bay area between April and September, 2009-2013 .....    | 19 |
| Table 1b. Numbers of waterbirds in the Ramsar Site between April and September, 2009-2013 .....      | 19 |
| Table 2a. Summary of waterbird counts for April 2013.....  | 19 |
| Table 2b. Summary of waterbird counts for May 2013 .....   | 19 |
| Table 2c. Summary of waterbird counts for June 2013 .....  | 20 |
| Table 2d. Summary of waterbird counts for July 2013 .....  | 20 |
| Table 2e. Summary of waterbird counts for August 2013.....   | 20 |
| Table 2f. Summary of waterbird counts for September 2013 .....                                       | 20 |
| Table 3a. Numbers of waterbird species groups in the Deep Bay area from April to September 2013..... | 21 |
| Table 3b. Numbers of waterbird species groups in the Ramsar Site from April to September 2013 .....  | 21 |

## **APPENDICES**

|   |  |
|---|--|
| Appendix 1. Summary of Waterbird Counts, April 2013 |  |
| Summary of Waterbird Counts, May 2013               |  |
| Summary of Waterbird Counts, June 2013              |  |
| Summary of Waterbird Counts, July 2013              |  |
| Summary of Waterbird Counts, August 2013            |  |
| Summary of Waterbird Counts, September 2013         |  |

---

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

**Monthly Waterbird Monitoring  
Biannual Report 1 (April to September 2013)**

*Report*



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

# Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme

## 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) were inaugurated as part of the Wetlands International - Asian Waterbird Census in 1979. 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 as the HKBWS “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 1998 with support from the Agriculture, Fisheries and Conservation Department (AFCD), and it became a contract project since 2004. Monthly counts of waterbirds in 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 bi-annually, i.e. Biannual Report 1, covering the period from April to September, and Biannual Report 2, covering October to March of the succeeding year. This report summarises the results of monthly waterbird counts in the period from April to September 2013 under the contract referenced AFCD/SQ/57/13.

### 2. Methodology

The methodology adopted is described in detail in the *Waterbird Count Handbook* (Carey undated, Carey 2002) 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*, at 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 2.2m. To increase the accuracy of data recorded, counts of individual species recorded one week before or after the counting day were adopted if the number was higher than that taken on the counting day.

The numbers of waterbirds presented in this report were obtained mainly from the counting sites in two main survey areas: the Mai Po Inner Deep Bay (the Ramsar Site) and the wetland areas at and around the Ramsar Site (the ‘Deep Bay area’). The latter area included the mudflat between Tsim Bei Tsui and Lau Fau

Shan, the fishpond areas in Ma Tso Lung (Hoo Hok Wai), 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, Tsim Bei Tsui and Tin Shui Wai. The survey also covered Hong Kong Wetland Park in Tin Shui Wai and the Futian National Nature Reserve in the Shenzhen Special Economic Zone in Mainland China. 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 2013a).

### 3. Results

In summer 2013, the monthly waterbird monitoring was conducted on 14 April, 12 May, 9 June, 21 July, 18 August and 8 September ('survey period').

The total number of waterbirds recorded in the Deep Bay area was 19,191 in April, 4,712 in May, 1,367 in June, 2,612 in July, 4,022 in August and 4,434 in September. The corresponding records at the Ramsar Site were 10,622, 3,029, 706, 1,190, 1,880 and 2,251, respectively. There were a total of 76 waterbird species recorded in the Deep Bay area during the survey period. The pattern of changes of waterbird numbers between April and September from 2009 to 2013 are shown in Figures 1 and 2.

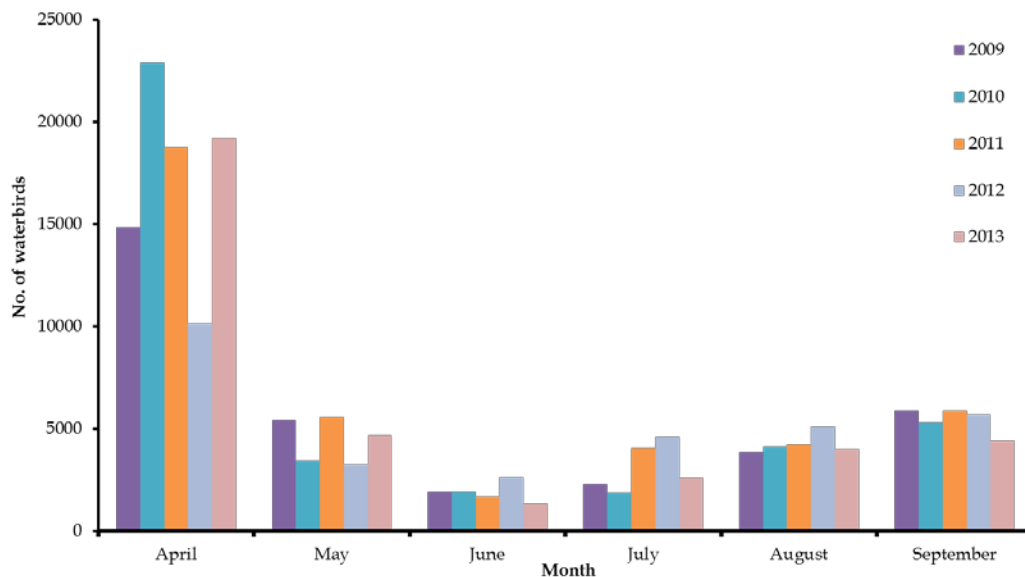


Figure 1. Waterbird numbers in the Deep Bay area from April to September, 2009-2013.

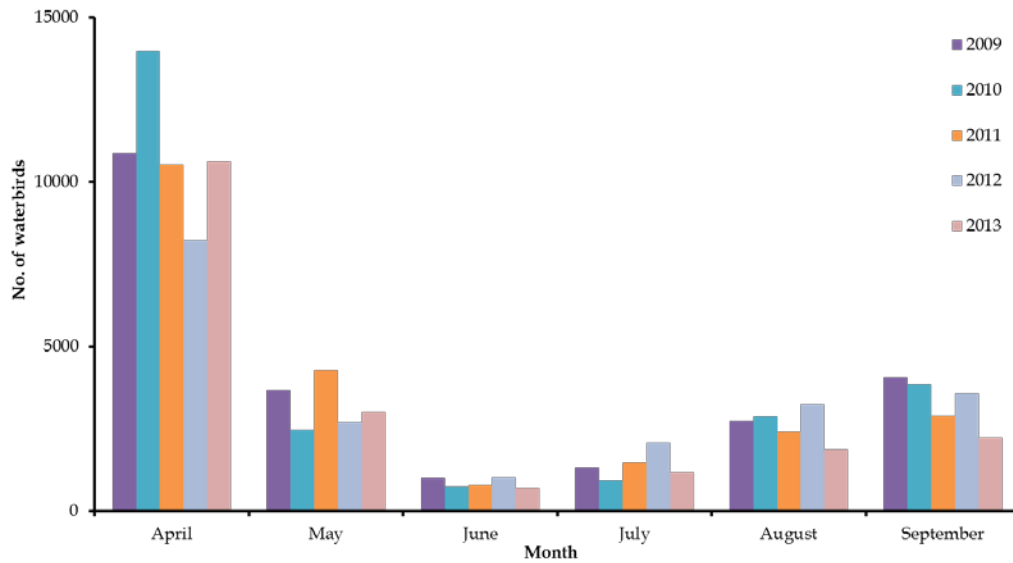


Figure 2. Waterbird numbers in the Ramsar Site from April to September, 2009-2013.

Results of the monthly counts conducted between April and September from 2009 onwards are presented in Tables 1a and 1b. Details of the counts in summer 2013 are reported in the monthly summaries which are available in Appendix 1.

Summaries of the counts are presented in Tables 2a to 2f and Tables 3a and 3b. Sections 3.1 to 3.7 discuss the results collected in April to September 2013 with reference to specific waterbird groups and globally threatened species that were recorded.

### 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 maximum of eight individuals were recorded in April, with fewer in other months and no sightings were recorded in July and September.

### 3.2 Ardeids

The highest count of this waterbird group in summer 2013 was 2,567 individuals, recorded in April, a slight decrease of 9% from the highest count of the preceding year (2,832 individuals in July 2012, Figure 3). This decrease was possibly related to the fall in the number of Ardeid's in the Futian National Nature Reserve, Shenzhen, as the peak count dropped 69% from that of the preceding year (2012: 1,656 individuals; 2013: 521 individuals). In terms of individual species, the highest count was 1,071 Little Egrets *Egretta garzetta*, recorded in April. The Great Egret *Ardea alba*, a species of regional conservation



concern, also had a high count of 689 in July. The Chinese Pond Heron *Ardeola bacchus* had a high count of 326 individuals in August, representing an increase of 7% from the record of the preceding year (302 individuals).

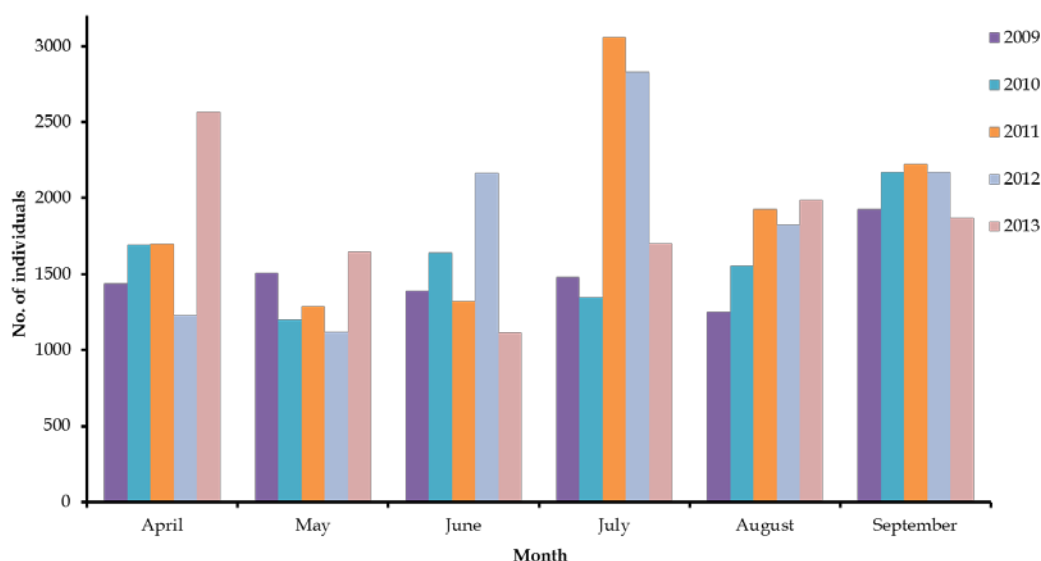


Figure 3. Number of Ardeids in the Deep Bay area from April to September, 2009-2013.

Under the Waterbird Monitoring Programme, egretty monitoring was also undertaken from April to July 2013 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 result can be found in the Summer 2013 Report: Egretty Counts in Hong Kong (Anon, 2013b).

### 3.3 Ducks and Grebes

As many ducks returned to their breeding grounds in northeast Asia during the summer, only low numbers were recorded from April to September. The highest count was 249 individuals in April, which was 30% lower than that of the previous year (Figure 4). The counts in June, July and September were also lower, while the counts in May and August were higher than the corresponding records of the previous year. The highest single species count of this group was 160 Little Grebes *Tachybaptus ruficollis*, recorded in April, and the record of 29 Garganeys *Anas querquedula* in April was also a high number for this group during the study period.

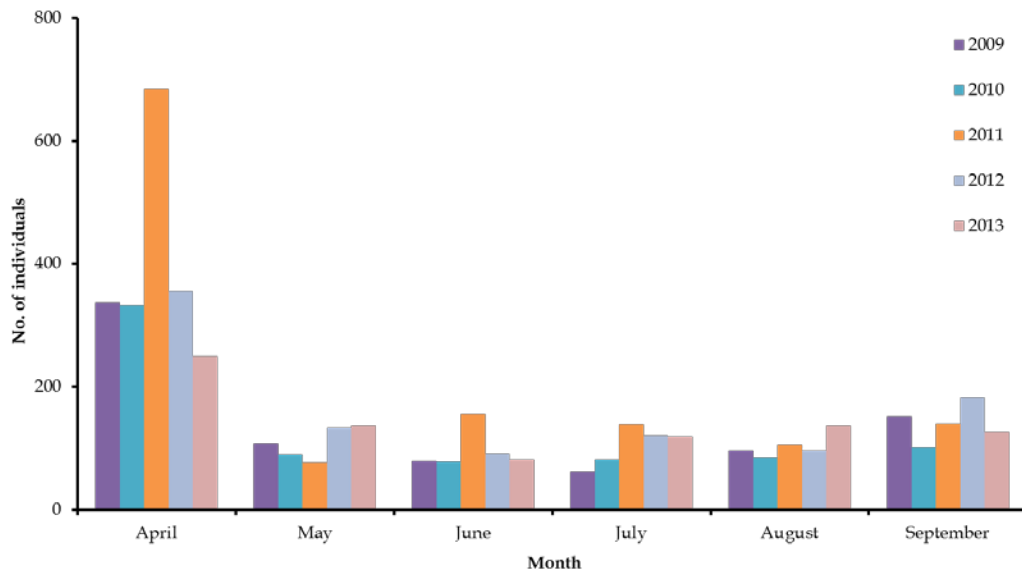


Figure 4. Number of Ducks and Grebes in the Deep Bay area from April to September, 2009-2013.

### 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 are 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 178 individuals, recorded in April, a significant increase of 87% over that of the previous year. Only one Eurasian Coot *Fulica atra* was recorded in April.

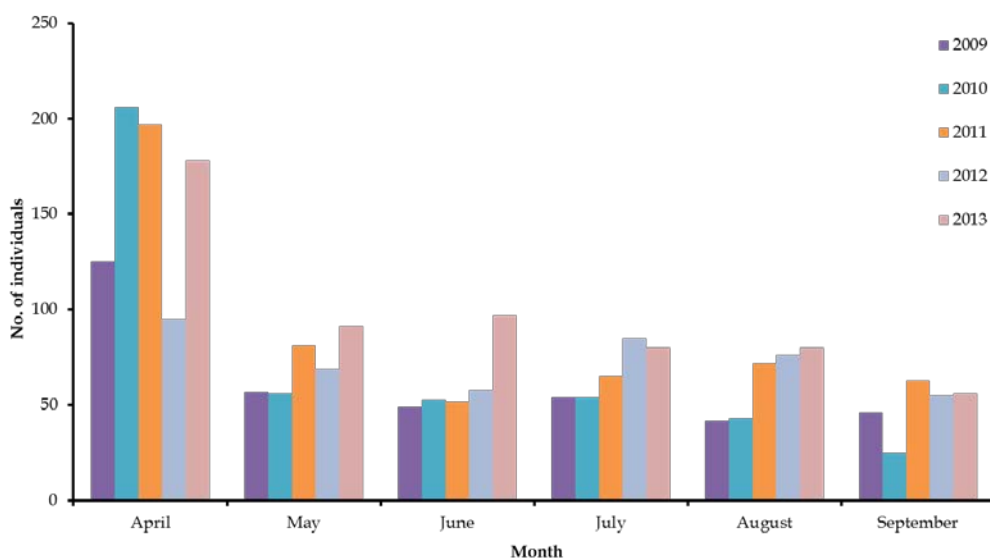


Figure 5. Number of Rails and Coots in the Deep Bay area from April to September, 2009-2013.

### 3.5 Shorebirds

In spring, a large number of passage shorebirds were recorded in the Deep Bay area. A total of 15,940 shorebirds were recorded in April, an increase of 92% compared with the record of April 2012 (8,281 individuals). The figures in April and May were also significantly higher than those of the preceding year (April 2013: 15,940 birds; April 2012: 8,281 birds; May 2013: 2,728 birds; May 2012: 1,952 birds), while the shorebird numbers in June, July and August were lower (June 2013: 75 birds, June 2012: 314 birds; July 2013: 708 birds, July 2012: 1,588 birds; August 2013: 2,374 birds, August 2012: 3,120 birds). In terms of individual species, the highest count was for the Pied Avocet *Recurvirostra avosetta*, with 3,322 individuals recorded in April and many of them lingering in the Deep Bay area until May. The second highest count was for Black-tailed Godwits *Limosa limosa*, with 1,924 recorded in April.

A few breeding species of shorebirds which had previously bred in the Deep Bay area were recorded. In July a total of 47 Black-winged Stilts *Himantopus himantopus* were recorded, which regularly bred in the Mai Po Marshes Nature Reserve in several previous years, but the presence of stray dogs created extensive disturbances at their previous known breeding sites in the reserve, causing a low number of this species this summer. Also, breeding was thought to be unsuccessful this summer. Another breeding species, the Greater Painted-snipe *Rostratula benghanlensis*, is secretive and difficult to detect. The highest count was of only one individual, which was recorded in May, but other observations provided by volunteers via the HKBWS website indicated that the species was still breeding in the reserve during the study period.

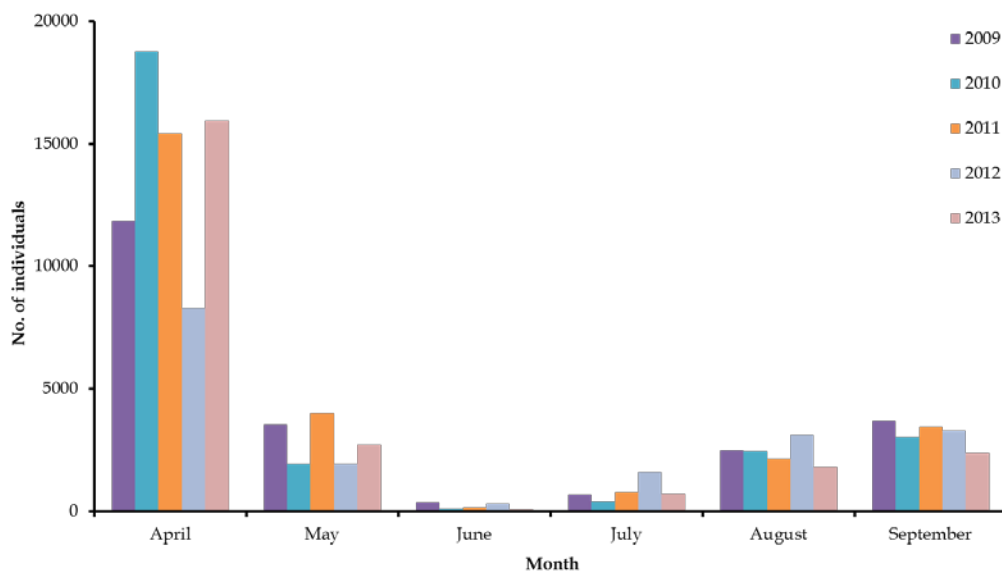


Figure 6. Number of Shorebirds in the Deep Bay area from April to September, 2009-2013.

### 3.6 Gulls and Terns

The highest count of gulls and terns was 249 individuals, recorded in April, which was a significant increase of 47% compared to that of the previous year. The counts from June to August revealed smaller numbers, 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 in spring, was the most numerous, with 132 individuals recorded in April.

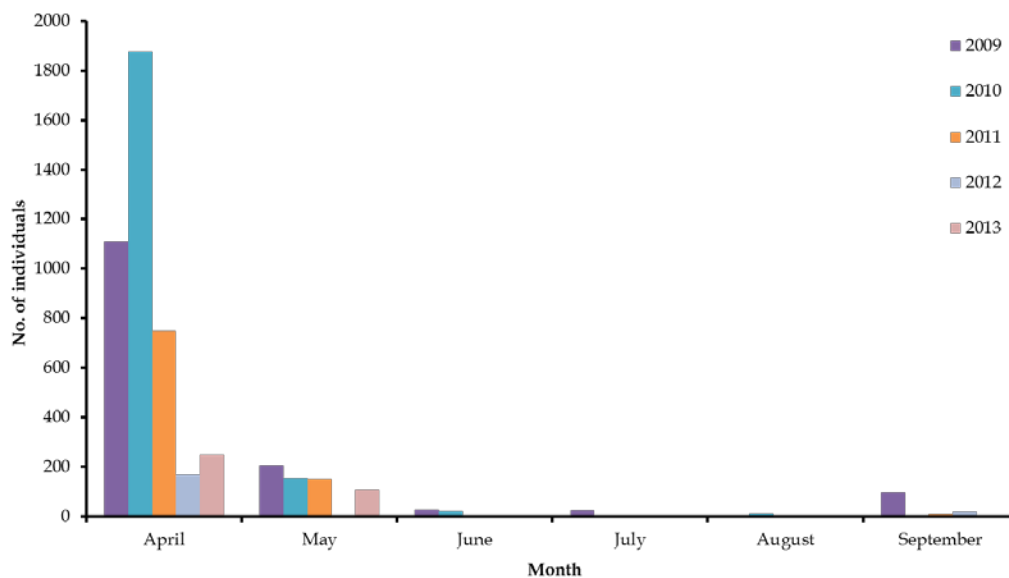


Figure 7. Number of Gulls and Terns in the Deep Bay area from April to September, 2009-2013.

### 3.7 Globally threatened species

Several globally threatened waterbird species were recorded in summer 2013 as follows:

**Black-faced Spoonbill** *Platalea minor* (globally endangered) – A high of 165 individuals were counted in April, though the number dropped to 33 in May, and only three immature birds were recorded in June, August and September.

**Black-tailed Godwit** *Limosa limosa* (globally near threatened) – The highest count in this summer was 1,924 individuals recorded in April. The number dropped to 39 individuals in May and zero in June. One individual was recorded in July and numbers rose to 67 in August and 246 individuals in September.

**Eurasian Curlew** *Numenius arquata* (globally near threatened) - Only 23 individuals were recorded in April, 13 in May, and 12 in June, but the number increased to 36 in July, 33 in August and 38 in September.

**Nordmann's Greenshank** *Tringa guttifer* (globally endangered) - Only seven individuals were recorded in April, and one in May and June.

**Asian Dowitcher** *Limnodromus semipalmatus* (globally near threatened) - Only 12 individuals were recorded in April and 7 in August.

**Great Knot** *Calidris tenuirostris* (globally vulnerable) - Low numbers were recorded, with only 94 individuals in April, 3 in May, 1 in June and 7 in September.

**Spoon-billed Sandpiper** *Eurynorhynchus pygmeus* (globally critically endangered) - Only one individual was recorded in April.

#### 4. Discussion

The overall average number of waterbirds in the Deep Bay area was higher than that in the same period (Apr to Sept) of the previous year (2013: mean = 6,056, SD = 6,557, n = 6; 2012: mean = 5,251, SD = 2,653, n = 6), while the average number recorded in the Ramsar Site was lower (2013: mean = 3,280, SD = 3,687, n = 6; 2012: mean = 3,484, SD = 2,497, n = 6). The higher overall average number of waterbirds in the Deep Bay area this summer was attributed to the spring passage migrants in April and May. The lower proportion of waterbirds in the Ramsar Site this summer (2013: 54%; 2012: 66%) might reflect the high tide roosting site preference of the waterbirds. Surveyors reported a low number of waterbirds in *gei wais* in the Mai Po Marshes Nature Reserve, which is the major high tide roosting site in the Ramsar Site, probably due to high water levels and pond re-profiling works during the study period.

#### 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: Bonnie Chan, Chan Ka-ho, Gary Chow, Emily Chow, Camille Chung, Forrest Fong, Helen Fong, Vivian Fu, Bowie Fung, Martin Hale, John and Jemi Holmes, Tony Hung, Hung Wai-ming, Aaron Keung, Lai Nga-yee, Alan Lam, Shirley Lam, Roger Lee, Austin Ng, So Ying-kin, Graham Talbot, Ivan Tse, Captain Wong, Ying Hak-king and Yu Yat-tung. We also thank members of the Shenzhen Bird Watching Society and the staff of Hong Kong Wetland Park for providing their records.

## 6. References

**Anon. 2013a.** Winter 2012-13 Report on Waterbird Monitoring Programme at 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.

**Anon, 2013b.** Summer 2013 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.

**Carey, G.J. 2002.** Waterbird Count Handbook: A guide for participants in waterbird counts in Hong Kong. Hong Kong Bird Watching Society. Hong Kong.

**Carey, G.J. undated.** Waterfowl Count Handbook. Waterfowl Monitoring at the Mai Po Inner Deep Bay Ramsar Site. Hong Kong Bird Watching Society. Hong Kong.

---

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

**Monthly Waterbird Monitoring  
Biannual Report 1 (April to September 2013)**

*Maps*

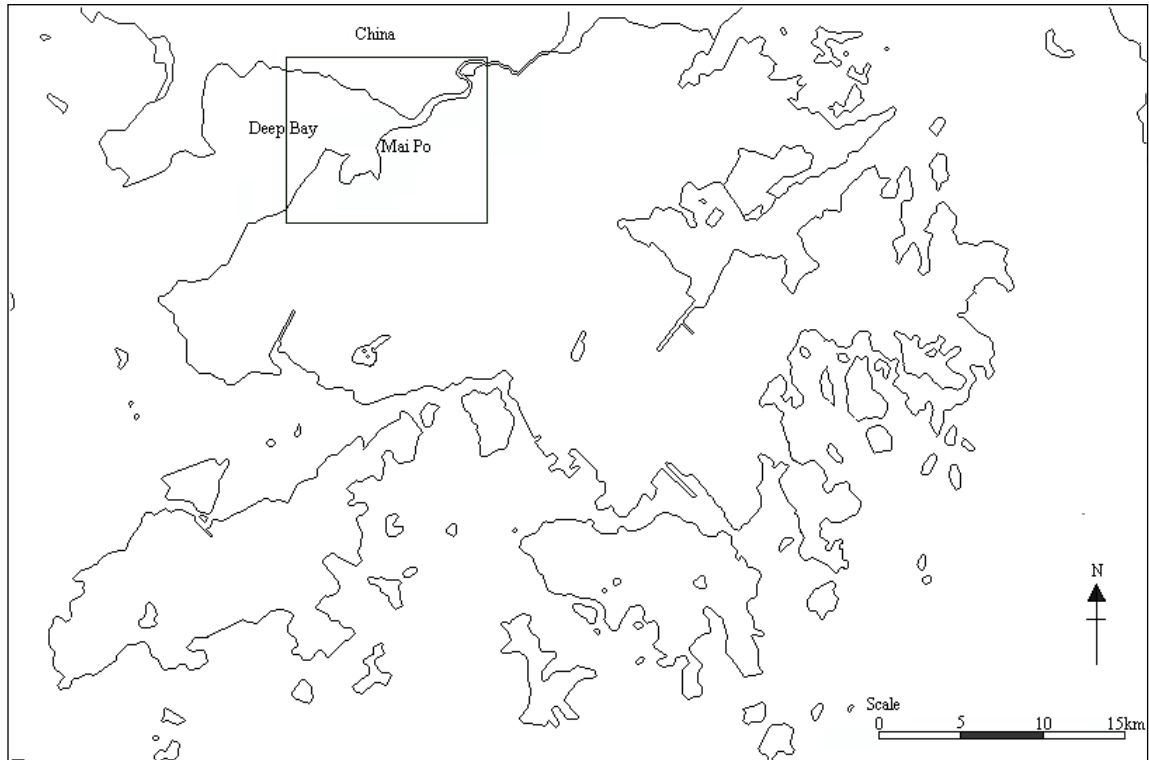


The Hong Kong Bird Watching Society

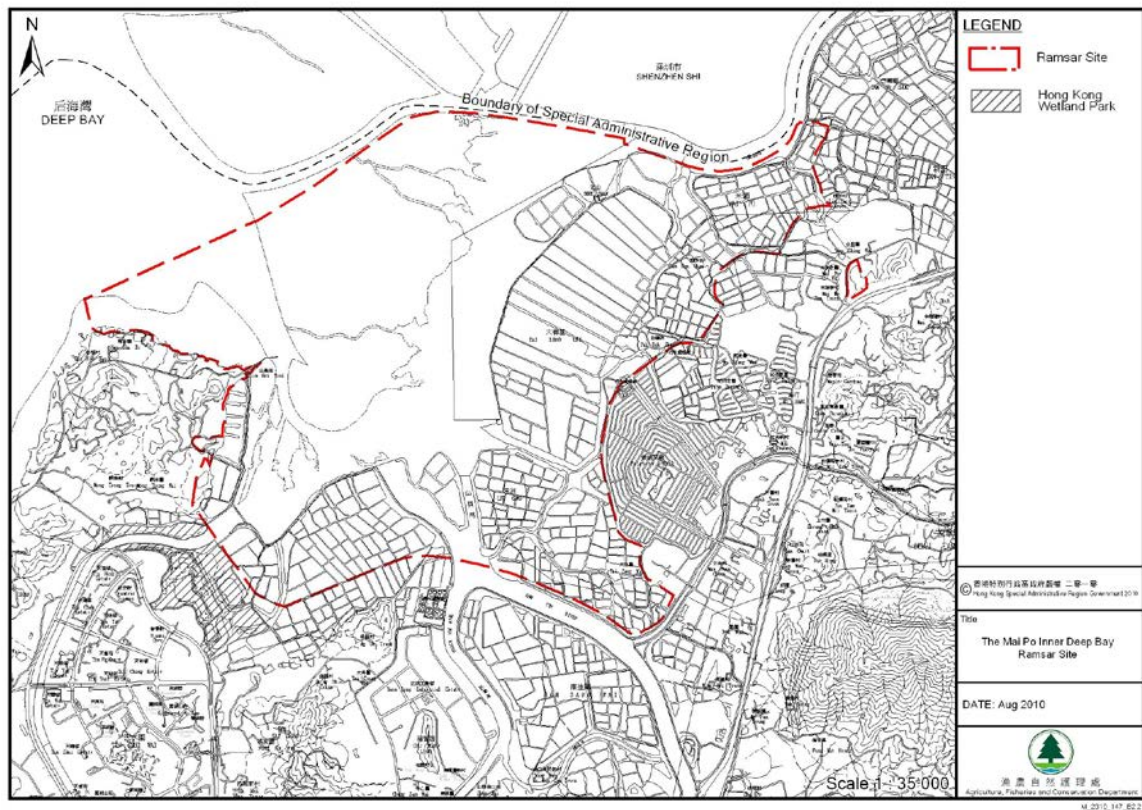


Agriculture, Fisheries and Conservation Department

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

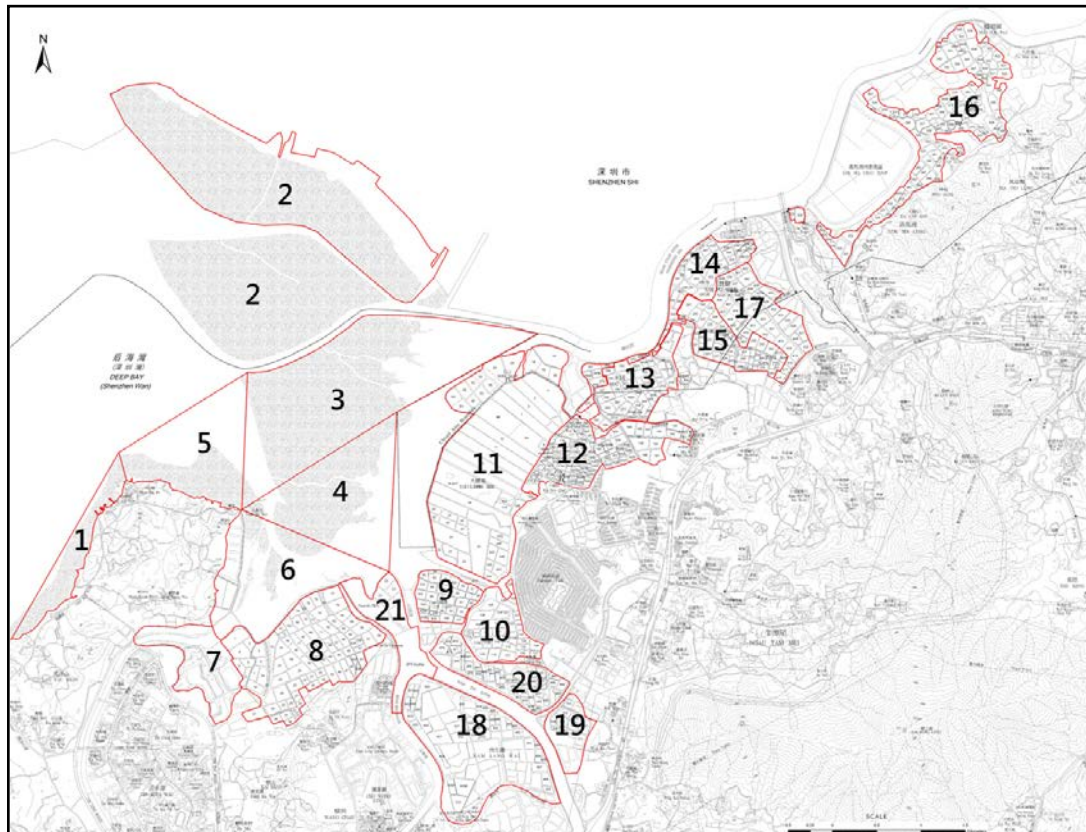


Map 2. Boundary of the Mai Po Inner Deep Bay Ramsar Site.





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 Hin Wai; 21: Shan Pui River.)



---

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

**Monthly Waterbird Monitoring  
Biannual Report 1 (April to September 2013)**

*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, 2009-2013.

|                  | 2009  | 2010  | 2011  | 2012  | 2013  | Mean  | SD   |
|------------------|-------|-------|-------|-------|-------|-------|------|
| <b>April</b>     | 14865 | 22884 | 18759 | 10131 | 19191 | 14546 | 5830 |
| <b>May</b>       | 5439  | 3433  | 5615  | 3278  | 4712  | 4946  | 2159 |
| <b>June</b>      | 1927  | 1919  | 1694  | 2633  | 1367  | 1975  | 714  |
| <b>July</b>      | 2315  | 1881  | 4068  | 4628  | 2612  | 3002  | 868  |
| <b>August</b>    | 3879  | 4147  | 4235  | 5117  | 4022  | 4079  | 801  |
| <b>September</b> | 5913  | 5333  | 5899  | 5717  | 4434  | 5629  | 1165 |

Figures of mean and SD are calculated from the commencement of this programme in 1998 to the latest count. n/c = no count.

Table 1b. Numbers of waterbirds in the Ramsar Site between April and September, 2009-2013.

|                  | 2009  | 2010  | 2011  | 2012 | 2013  | Mean  | SD   |
|------------------|-------|-------|-------|------|-------|-------|------|
| <b>April</b>     | 10871 | 13973 | 10534 | 8232 | 10622 | 10336 | 2731 |
| <b>May</b>       | 3695  | 2474  | 4275  | 2698 | 3029  | 3876  | 1868 |
| <b>June</b>      | 1011  | 746   | 805   | 1030 | 706   | 1055  | 439  |
| <b>July</b>      | 1322  | 951   | 1471  | 2094 | 1190  | 1601  | 546  |
| <b>August</b>    | 2761  | 2879  | 2406  | 3270 | 1880  | 2611  | 508  |
| <b>September</b> | 4059  | 3862  | 2904  | 3579 | 2251  | 3665  | 749  |

Figures of mean and SD are calculated from the commencement of this programme in 1998 to the latest count. n/c = no count.

Table 2a. Summary of waterbird counts for April 2013.

|                                | Deep Bay Area | %   | Ramsar Site | %   | Starling Inlet |
|--------------------------------|---------------|-----|-------------|-----|----------------|
| <b>Cormorants</b>              | 8             | 0   | 4           | 0   | 0              |
| <b>Ardeids</b>                 | 2567          | 13  | 981         | 9   | 138            |
| <b>Ducks, grebes, pelicans</b> | 249           | 1   | 138         | 1   | 5              |
| <b>Rails and coot</b>          | 178           | 1   | 52          | 0   | 14             |
| <b>Shorebirds</b>              | 15940         | 83  | 9300        | 88  | 12             |
| <b>Gulls and terns</b>         | 249           | 1   | 147         | 1   | 0              |
| <b>Total</b>                   | 19191         | 100 | 10622       | 100 | 169            |

Table 2b. Summary of waterbird counts for May 2013.

|                                | Deep Bay Area | %   | Ramsar Site | %   | Starling Inlet |
|--------------------------------|---------------|-----|-------------|-----|----------------|
| <b>Cormorants</b>              | 3             | 0   | 1           | 0   | 0              |
| <b>Ardeids</b>                 | 1644          | 35  | 718         | 24  | 155            |
| <b>Ducks, grebes, pelicans</b> | 137           | 3   | 53          | 2   | 6              |
| <b>Rails and coot</b>          | 91            | 2   | 43          | 1   | 7              |
| <b>Shorebirds</b>              | 2728          | 5   | 2186        | 72  | 1              |
| <b>Gulls and terns</b>         | 109           | 2   | 28          | 1   | 0              |
| <b>Total</b>                   | 4712          | 100 | 3029        | 100 | 169            |

Table 2c. Summary of waterbird counts for June 2013.

|                         | Deep Bay Area | %          | Ramsar Site | %          | Starling Inlet |
|-------------------------|---------------|------------|-------------|------------|----------------|
| Cormorants              | 1             | 0          | 0           | 0          | 0              |
| Ardeids                 | 1112          | 81         | 590         | 84         | 116            |
| Ducks, grebes, pelicans | 81            | 6          | 26          | 4          | 1              |
| Rails and coot          | 97            | 7          | 19          | 3          | 2              |
| Shorebirds              | 75            | 5          | 71          | 10         | 0              |
| Gulls and terns         | 1             | 0          | 0           | 0          | 0              |
| <b>Total</b>            | <b>1367</b>   | <b>100</b> | <b>706</b>  | <b>100</b> | <b>119</b>     |

Table 2d. Summary of waterbird counts for July 2013.

|                         | Deep Bay Area | %          | Ramsar Site | %          | Starling Inlet |
|-------------------------|---------------|------------|-------------|------------|----------------|
| Cormorants              | 0             | 0          | 0           | 0          | 0              |
| Ardeids                 | 1702          | 65         | 670         | 56         | 115            |
| Ducks, grebes, pelicans | 120           | 5          | 43          | 4          | 0              |
| Rails and coot          | 80            | 3          | 14          | 1          | 5              |
| Shorebirds              | 708           | 27         | 461         | 39         | 0              |
| Gulls and terns         | 2             | 0          | 2           | 0          | 0              |
| <b>Total</b>            | <b>2612</b>   | <b>100</b> | <b>1190</b> | <b>100</b> | <b>120</b>     |

Table 2e. Summary of waterbird counts for August 2013.

|                         | Deep Bay Area | %          | Ramsar Site | %          | Starling Inlet |
|-------------------------|---------------|------------|-------------|------------|----------------|
| Cormorants              | 4             | 0          | 0           | 0          | 0              |
| Ardeids                 | 1986          | 49         | 771         | 41         | 102            |
| Ducks, grebes, pelicans | 137           | 3          | 36          | 2          | 1              |
| Rails and coot          | 80            | 2          | 17          | 1          | 0              |
| Shorebirds              | 1809          | 45         | 1056        | 56         | 0              |
| Gulls and terns         | 6             | 0          | 0           | 0          | 0              |
| <b>Total</b>            | <b>4022</b>   | <b>100</b> | <b>1880</b> | <b>100</b> | <b>103</b>     |

Table 2f. Summary of waterbird counts for September 2013.

|                         | Deep Bay Area | %          | Ramsar Site | %          | Starling Inlet |
|-------------------------|---------------|------------|-------------|------------|----------------|
| Cormorants              | 0             | 0          | 0           | 0          | 0              |
| Ardeids                 | 1870          | 42         | 712         | 32         | 67             |
| Ducks, grebes, pelicans | 127           | 3          | 60          | 3          | 1              |
| Rails and coot          | 56            | 1          | 14          | 1          | 2              |
| Shorebirds              | 2374          | 54         | 1461        | 65         | 9              |
| Gulls and terns         | 7             | 0          | 4           | 0          | 0              |
| <b>Total</b>            | <b>4434</b>   | <b>100</b> | <b>2251</b> | <b>100</b> | <b>79</b>      |

Table 3a. Numbers of waterbird species groups in the Deep Bay area from April to September 2013.

|                                | April | May  | June | July | August | September |
|--------------------------------|-------|------|------|------|--------|-----------|
| <b>Cormorants</b>              | 8     | 3    | 1    | 0    | 4      | 0         |
| <b>Ardeids</b>                 | 2567  | 1644 | 1112 | 1702 | 1986   | 1870      |
| <b>Ducks, grebes, pelicans</b> | 249   | 137  | 81   | 120  | 137    | 127       |
| <b>Rails and coot</b>          | 178   | 91   | 97   | 80   | 80     | 56        |
| <b>Shorebirds</b>              | 15940 | 2728 | 75   | 708  | 1809   | 2374      |
| <b>Gulls and terns</b>         | 249   | 109  | 1    | 2    | 6      | 7         |

Table 3b. Numbers of waterbird species groups in the Ramsar Site from April to September 2013.

|                                | April | May  | June | July | August | September |
|--------------------------------|-------|------|------|------|--------|-----------|
| <b>Cormorants</b>              | 4     | 1    | 0    | 0    | 0      | 0         |
| <b>Ardeids</b>                 | 981   | 718  | 590  | 670  | 771    | 712       |
| <b>Ducks, grebes, pelicans</b> | 138   | 53   | 26   | 43   | 36     | 60        |
| <b>Rails and coot</b>          | 52    | 43   | 19   | 14   | 17     | 14        |
| <b>Shorebirds</b>              | 9300  | 2186 | 71   | 461  | 1056   | 1461      |
| <b>Gulls and terns</b>         | 147   | 28   | 0    | 2    | 0      | 4         |

---

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

**Monthly Waterbird Monitoring  
Biannual Report 1 (April to September 2013)**

*Appendices*



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

### Summary of Waterbird Counts, April 2013

| 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            | 12  | 26  | 4   |     |     |     | 7   | 10        | 2   | 1   | 15  |     |         |          | 26  | 5  | 9   | 8    | 7  | 28  | 43   | 7            | 12                      | 160         | 5             |                |  |
| Great Crested Grebe     |     |     | 2   |     | 1   |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              | 1                       |             | 3             |                |  |
| Great Cormorant         | 3   |     | 1   |     |     |     |     |           |     |     |     |     |         |          |     |    |     | 1    |    |     | 3    | 1            |                         | 3           | 8             |                |  |
| Dalmatian Pelican       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Grey Heron              | 6   | 3   | 3   |     | 1   | 1   |     | 6         | 1   | 13  | 2   | 16  |         | 1        | 1   | 4  | 1   | 2    |    | 1   | 82   | 10           | 8                       | 6           | 144           | 8              |  |
| Purple Heron            |     |     |     |     |     |     |     |           |     | 1   |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 1             |                |  |
| Great Egret             | 5   | 241 | 162 | 56  | 20  | 2   |     | 26        | 1   | 15  | 5   | 3   |         | 8        | 32  | 2  | 24  | 21   | 1  | 8   | 29   | 96           | 85                      | 5           | 661           | 105            |  |
| Intermediate Egret      | 2   | 4   |     | 11  |     |     |     |           |     |     |     |     |         |          | 8   | 1  | 1   |      |    |     | 7    | 10           | 11                      | 2           | 34            |                |  |
| Little Egret            | 5   | 383 | 99  | 43  | 39  | 13  | 2   | 11        | 30  | 80  | 21  | 9   | 2       | 30       | 142 | 12 | 41  | 26   | 22 | 13  | 48   | 235          | 126                     | 5           | 1071          | 13             |  |
| Swinhoe's Egret         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Pacific Reef Egret      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Cattle Egret            | 18  | 26  |     |     |     |     |     | 1         |     |     | 2   |     |         | 33       |     | 1  | 10  | 12   | 11 | 8   | 19   | 24           |                         | 18          | 141           | 10             |  |
| Chinese Pond Heron      | 16  | 28  | 12  | 3   |     |     | 4   | 1         | 1   | 17  | 18  | 1   | 1       | 5        | 22  | 10 | 9   | 19   | 20 | 13  | 13   | 72           | 8                       | 16          | 213           | 2              |  |
| Striated Heron          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      | 1            |                         |             | 1             |                |  |
| B-c Night Heron         | 2   | 5   | 99  | 2   | 1   |     | 1   |           | 1   | 1   | 3   |     |         | 2        | 1   |    | 1   | 3    | 3  |     | 5    | 8            | 5                       | 2           | 130           |                |  |
| Yellow Bittern          |     |     |     |     |     |     |     |           |     | 2   | 1   |     |         |          |     |    |     |      |    |     |      | 1            |                         |             | 1             | 3              |  |
| Cinnamon Bittern        | 1   |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 1           | 1             |                |  |
| Great Bittern           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      | 1            |                         |             | 1             |                |  |
| Black Stork             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Black-headed Ibis       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Eurasian Spoonbill      | 1   |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 1           | 1             |                |  |
| Black-faced Spoonbill   | 67  | 4   | 2   |     |     |     |     |           |     |     |     | 14  |         | 1        | 3   |    | 10  |      |    |     | 64   | 13           |                         | 67          | 165           |                |  |
| Common Shelduck         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Eurasian Wigeon         |     |     | 8   | 2   |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     | 14   |              | 2                       |             | 24            |                |  |
| Falcatid Duck           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Gadwall                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Baikal Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Common Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Mallard                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Spot-billed Duck        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Chinese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Burmese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Northern Pintail        | 1   |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 1           | 1             |                |  |
| Garganey                |     |     |     | 25  |     |     |     |           |     |     |     | 4   |         |          |     |    |     |      |    |     |      |              |                         | 25          | 29            |                |  |
| Northern Shoveler       |     |     | 2   | 10  |     |     |     |           |     | 2   |     | 6   |         |          |     |    |     |      |    |     |      | 8            |                         | 10          | 28            |                |  |
| Common Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Baer's Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Tufted Duck             |     |     |     |     |     |     |     |           |     | 2   |     |     |         |          | 2   |    |     |      |    |     |      |              |                         |             | 4             |                |  |
| Greater Scaup           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Red-breasted Merganser  |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Duck sp.                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Slaty-breasted Rail     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Water Rail              |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| White-breasted Waterhen | 2   | 11  | 4   |     |     |     |     | 6         |     | 2   | 5   | 1   |         |          | 2   | 1  | 1   | 4    | 5  | 2   | 2    | 16           |                         | 2           | 48            | 3              |  |
| Watercock               |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 0             |                |  |
| Common Moorhen          | 6   | 2   | 52  |     |     |     |     | 9         |     | 5   | 2   | 6   |         | 2        | 15  |    |     | 2    | 7  | 7   | 14   | 20           |                         | 6           | 129           | 11             |  |
| Eurasian Coot           |     |     | 1   |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         |             | 1             |                |  |







### Summary of Waterbird Counts, May 2013

| 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            | 32  | 13  | 5   |     |     |     | 2   | 6         |     |     | 10  |     |         |          | 10  |    | 2   | 20   | 6  | 13  | 11   | 34           | 2                       | 47          | 130           | 6              |
| Great Crested Grebe     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Great Cormorant         | 2   |     |     |     |     |     |     |           | 1   |     |     |     |         |          |     |    |     |      |    |     |      |              | 1                       | 1           | 3             |                |
| Dalmatian Pelican       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Grey Heron              | 2   |     | 1   |     |     |     |     |           | 3   |     |     | 1   |         |          | 1   |    | 1   |      |    |     | 12   | 2            | 3                       | 17          | 21            | 5              |
| Purple Heron            |     |     |     |     |     |     |     |           |     | 3   |     |     |         |          |     |    |     |      |    |     | 1    |              |                         | 1           | 4             |                |
| Great Egret             | 14  | 34  | 208 | 26  | 31  | 4   | 1   | 53        | 5   | 5   | 7   | 3   | 1       | 5        | 23  |    | 12  | 28   | 10 | 13  | 75   | 107          | 68                      | 250         | 558           | 118            |
| Intermediate Egret      |     | 1   |     | 4   |     |     | 1   |           |     |     |     |     |         |          |     |    | 2   | 1    | 2  | 2   | 4    | 3            | 5                       | 12          | 17            |                |
| Little Egret            | 4   | 24  | 214 | 21  | 42  | 12  | 1   | 41        | 10  | 3   | 10  | 5   | 1       | 11       | 71  | 5  | 14  | 20   | 13 | 34  | 57   | 141          | 85                      | 283         | 613           | 15             |
| Swinhoe's Egret         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Cattle Egret            | 2   | 4   |     |     |     |     |     | 5         |     |     | 1   |     |         |          | 3   |    | 28  | 7    | 3  | 3   | 4    | 42           |                         | 46          | 60            | 10             |
| Chinese Pond Heron      | 5   | 24  | 20  |     |     |     |     | 5         | 3   | 4   | 8   |     |         | 16       | 19  | 2  | 4   | 15   | 19 | 23  | 5    | 45           | 2                       | 52          | 172           | 2              |
| Striated Heron          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     | 3    |              |                         | 3           | 3             | 1              |
| B-c Night Heron         | 17  | 24  | 70  |     | 2   |     | 3   | 4         | 2   | 3   |     |     |         | 1        | 7   |    | 2   | 8    | 2  | 4   | 4    | 15           | 7                       | 26          | 153           | 4              |
| Yellow Bittern          |     | 1   | 1   |     |     |     |     | 1         |     | 2   | 1   | 2   |         |          | 1   |    |     |      |    |     |      | 4            |                         | 4           | 10            |                |
| Cinnamon Bittern        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Great Bittern           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Black Stork             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Black-faced Spoonbill   |     |     | 7   | 1   |     |     |     |           | 1   |     |     | 2   |         |          |     |    |     |      |    |     | 22   |              | 2                       | 24          | 33            |                |
| Common Shelduck         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Eurasian Wigeon         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     | 3    |              |                         | 3           | 3             |                |
| Falcat Duck             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Baikal Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Common Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Mallard                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Burmese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Northern Pintail        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Garganey                |     |     |     |     |     |     |     |           |     |     |     | 1   |         |          |     |    |     |      |    |     |      |              |                         | 0           | 1             |                |
| Northern Shoveler       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Common Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Baer's Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Tufted Duck             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     | 3    |              |                         | 3           | 3             |                |
| Greater Scaup           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Duck sp.                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Slaty-breasted Rail     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Water Rail              |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 7   | 16  | 2   |     |     |     |     | 5         |     | 5   | 4   | 3   |         | 1        | 14  |    | 4   | 4    | 2  | 3   | 1    | 28           |                         | 29          | 71            | 7              |
| Watercock               |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Common Moorhen          |     |     | 5   | 1   |     |     |     | 2         |     |     | 2   | 1   |         |          | 3   |    |     | 2    |    |     | 4    | 8            | 2                       | 14          | 20            |                |



|                                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |  |
|----------------------------------|---------------------------------|-------------|--------------------|-------------|------------|-------------|------------|------------------|------------|------------|------------|------------|----------------|---------------|------------|-----------|------------|-------------|-----------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|
| Ruff                             |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Small wader spp.                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Wader sp.                        |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Black-tailed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Heuglin's Gull                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Yellow-legged Gull               |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Slaty-backed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Pallas's Gull                    |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Large Gull spp.                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Brown-headed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Black-headed Gull                |                                 |             | 1                  |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 1                  |                      |                       |  |
| Saunders's Gull                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     | 0                              | 0                  |                      |                       |  |
| Whiskered Tern                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                | 49            | 3          |           |            |             | 26        |            | 9           |                     | 9                              | 78                 |                      |                       |  |
| White-winged Tern                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                | 24            |            |           |            | 2           | 1         |            | 17          |                     | 17                             | 27                 |                      |                       |  |
| Gull-billed Tern                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           | 1          |             |                     | 1                              | 1                  |                      |                       |  |
| Caspian Tern                     |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            | 1           |                     | 1                              | 2                  |                      |                       |  |
| <b>Total</b>                     | <b>87</b>                       | <b>424</b>  | <b>569</b>         | <b>71</b>   | <b>75</b>  | <b>17</b>   | <b>8</b>   | <b>122</b>       | <b>25</b>  | <b>25</b>  | <b>43</b>  | <b>220</b> | <b>2</b>       | <b>36</b>     | <b>230</b> | <b>12</b> | <b>70</b>  | <b>112</b>  | <b>76</b> | <b>123</b> | <b>2365</b> | <b>468</b>          | <b>196</b>                     | <b>3029</b>        | <b>4712</b>          | <b>169</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>1644</b>                     | <b>35%</b>  | <b>718</b>         | <b>24%</b>  | <b>155</b> | <b>92%</b>  |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |  |
| <b>Ducks, grebes, pelicans</b>   | <b>137</b>                      | <b>3%</b>   | <b>53</b>          | <b>2%</b>   | <b>6</b>   | <b>4%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |  |
| <b>Rails, coot etc</b>           | <b>91</b>                       | <b>2%</b>   | <b>43</b>          | <b>1%</b>   | <b>7</b>   | <b>4%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |  |
| <b>Shorebirds</b>                | <b>2728</b>                     | <b>58%</b>  | <b>2186</b>        | <b>72%</b>  | <b>1</b>   | <b>1%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |  |
| <b>Gulls and terns</b>           | <b>109</b>                      | <b>2%</b>   | <b>28</b>          | <b>1%</b>   | <b>0</b>   | <b>0%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |  |
| <b>TOTAL</b>                     | <b>4712</b>                     | <b>100%</b> | <b>3029</b>        | <b>100%</b> | <b>169</b> | <b>100%</b> |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |  |
| Date of count: 12 May 2013       |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |  |
| n/c = site not counted           | 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>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                           |                                 |             | 2                  |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            | 5           |                     |                                | 5                  | 7                    |                       |  |
| Black Kite                       |                                 |             |                    |             |            |             |            | 3                | 1          | 1          |            |            |                |               | 1          |           |            | 1           |           | 1          | 5           | 6                   |                                | 11                 | 13                   |                       |  |
| White-bellied Sea Eagle          |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                | 0                  | 0                    |                       |  |
| Eastern Marsh Harrier            |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                | 0                  | 0                    |                       |  |
| Common Buzzard                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                | 0                  | 0                    |                       |  |
| Greater Spotted Eagle            |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                | 0                  | 0                    |                       |  |
| Imperial Eagle                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                | 0                  | 0                    |                       |  |
| Peregrine Falcon                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                | 0                  | 0                    |                       |  |
| Pied Kingfisher                  | 2                               | 4           | 3                  |             |            |             |            |                  |            | 2          |            |            |                |               | 1          |           |            | 3           | 2         |            | 4           | 3                   |                                | 7                  | 21                   | 1                     |  |
| Common Kingfisher                | 1                               | 5           |                    |             |            |             |            |                  |            |            | 1          |            |                |               | 1          |           |            | 1           | 1         | 1          | 2           | 2                   |                                | 4                  | 13                   | 1                     |  |
| White-throated Kingfisher        |                                 | 1           |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                | 0                  | 1                    |                       |  |
| Black-capped Kingfisher          |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                | 0                  | 0                    |                       |  |
| Red-billed Starling              |                                 |             | 5                  |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |           |            |             |                     |                                | 0                  | 5                    |                       |  |
| Collared Crow                    | 2                               | 5           | 1                  |             |            |             |            | 3                |            |            |            |            |                |               |            | 3         | 7          | 1           | 5         |            |             | 16                  | 12                             | 28                 | 43                   |                       |  |

**Summary of Waterbird Counts, June 2013**

| 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            | 16  | 6   |     |     |     |     |     | 12        | 1   | 6   | 5   |     |         |          |     |    | 5   | 5    | 5  | 16  | 2    | 23           |                         | 25          | 79            | 1              |
| Great Crested Grebe     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Great Cormorant         | 1   |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 1             |                |
| Dalmatian Pelican       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Grey Heron              |     |     |     |     |     |     |     |           |     | 3   |     |     |         | 1        |     |    |     |      |    |     | 9    |              |                         | 9           | 13            |                |
| Purple Heron            |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Great Egret             | 10  | 18  | 68  |     | 36  | 8   |     | 96        | 84  | 6   | 6   | 9   |         | 4        | 3   | 4  | 4   | 16   | 10 | 10  | 26   | 125          | 127                     | 278         | 418           | 90             |
| Intermediate Egret      | 1   |     |     |     |     |     |     |           | 2   |     |     |     |         |          | 1   | 1  | 1   |      |    |     | 12   | 3            | 2                       | 17          | 19            |                |
| Little Egret            | 1   | 16  | 99  |     | 25  | 12  | 1   | 61        | 25  | 4   | 5   | 23  | 3       | 10       | 6   | 5  | 5   | 14   | 9  | 8   | 10   | 89           | 61                      | 160         | 342           | 8              |
| Swinhoe's Egret         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Cattle Egret            | 2   |     | 2   |     |     | 1   |     | 3         |     |     |     | 1   |         |          |     |    | 1   | 2    |    |     | 58   | 6            | 1                       | 65          | 70            | 8              |
| Chinese Pond Heron      | 8   | 25  | 27  |     | 1   |     |     | 5         | 3   | 8   | 7   |     |         |          | 1   | 3  | 3   | 20   | 23 | 13  | 4    | 41           | 1                       | 46          | 151           |                |
| Striated Heron          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      | 2  |     |      |              |                         | 0           | 2             |                |
| B-c Night Heron         | 1   | 45  | 17  |     |     | 1   | 2   |           | 3   | 1   |     |     |         | 2        |     |    |     | 4    | 9  | 5   | 1    | 6            | 4                       | 11          | 91            | 10             |
| Yellow Bittern          |     |     |     |     |     |     |     |           | 1   |     |     | 1   |         |          |     |    |     |      |    |     |      |              | 1                       | 1           | 2             |                |
| Cinnamon Bittern        | 1   |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 1             |                |
| Great Bittern           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Black Stork             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Black-faced Spoonbill   |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     | 3    |              |                         | 3           | 3             |                |
| Common Shelduck         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Eurasian Wigeon         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Falcatied Duck          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Baikal Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Common Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Mallard                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Burmese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Northern Pintail        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Garganey                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Northern Shoveler       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Common Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Baer's Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Tufted Duck             |     |     |     |     |     |     |     |           |     |     |     |     |         |          | 1   |    |     |      |    |     |      | 1            |                         | 1           | 2             |                |
| Greater Scaup           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Duck sp.                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Slaty-breasted Rail     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Water Rail              |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 10  | 29  |     |     |     |     |     |           |     |     | 4   | 1   |         | 2        |     |    | 5   | 8    | 6  | 1   |      | 17           |                         | 17          | 66            | 2              |
| Watercock               |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Common Moorhen          | 2   |     | 24  |     |     |     |     | 5         |     |     |     |     |         |          |     |    |     |      |    |     |      | 2            |                         | 2           | 31            |                |
| Eurasian Coot           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |

|                         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   |    |    |
|-------------------------|--|--|---|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|---|---|----|----|
| Pheasant-tailed Jacana  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 0 | 0 |    |    |
| Greater Painted Snipe   |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 0 | 0 |    |    |
| Black-winged Stilt      |  |  |   |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  | 7 | 1 | 8  | 8  |
| Pied Avocet             |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 0 | 0 | 0  | 0  |
| Oriental Pratincole     |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 0 | 0 | 0  | 0  |
| Northern Lapwing        |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 0 | 0 | 0  | 0  |
| Grey-headed Lapwing     |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 0 | 0 | 0  | 0  |
| Pacific Golden Plover   |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 0 | 0 | 0  | 0  |
| Grey Plover             |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 0 | 0 | 0  | 0  |
| Common Ringed Plover    |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 0 | 0 | 0  | 0  |
| Little Ringed Plover    |  |  | 4 |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 10 | 14 |
| Kentish Plover          |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  | 1 | 9 | 0  | 0  |
| Lesser Sand Plover      |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Greater Sand Plover     |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 1  | 1  |
| Black-tailed Godwit     |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Bar-tailed Godwit       |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 1  | 1  |
| Whimbrel                |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 21 | 21 |
| Eurasian Curlew         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 12 | 12 |
| Far Eastern Curlew      |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Spotted Redshank        |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Common Redshank         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 16 | 16 |
| Marsh Sandpiper         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Common Greenshank       |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Nordmann's Greenshank   |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 1  | 1  |
| Green Sandpiper         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Wood Sandpiper          |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Terek Sandpiper         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Common Sandpiper        |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Grey-tailed Tattler     |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Ruddy Turnstone         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Red-necked Phalarope    |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Pintail Snipe           |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Swinhoe's Snipe         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Pintail/Swinhoe's Snipe |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Common Snipe            |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Long-billed Dowitcher   |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Asian Dowitcher         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Red Knot                |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Great Knot              |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 1  | 1  |
| Sanderling              |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Red-necked Stint        |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Little Stint            |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Temminck's Stint        |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Long-toed Stint         |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Pectoral Sandpiper      |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Sharp-tailed Sandpiper  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Dunlin                  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Curlew Sandpiper        |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Spoon-billed Sandpiper  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Broad-billed Sandpiper  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |
| Ruff                    |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |   |   | 0  | 0  |

|                                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |   |  |
|----------------------------------|---------------------------------|-------------|--------------------|-------------|------------|-------------|------------|------------------|------------|------------|------------|------------|----------------|-----------------|------------|-----------|------------|-------------|-----------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|---|--|
| Small wader spp.                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                | 0                  | 0                    |                       |   |  |
| Wader sp.                        |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Black-tailed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Heuglin's Gull                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Yellow-legged Gull               |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Slaty-backed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Pallas's Gull                    |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Large Gull spp.                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Brown-headed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Black-headed Gull                |                                 |             | 1                  |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 1                     |   |  |
| Saunders's Gull                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Whiskered Tern                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| White-winged Tern                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Gull-billed Tern                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Caspian Tern                     |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| <b>Total</b>                     | <b>53</b>                       | <b>143</b>  | <b>238</b>         | <b>0</b>    | <b>62</b>  | <b>22</b>   | <b>3</b>   | <b>182</b>       | <b>119</b> | <b>28</b>  | <b>27</b>  | <b>35</b>  | <b>3</b>       | <b>19</b>       | <b>12</b>  | <b>13</b> | <b>25</b>  | <b>79</b>   | <b>65</b> | <b>53</b>  | <b>186</b>  | <b>323</b>          | <b>197</b>                     | <b>706</b>         | <b>1367</b>          | <b>119</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>1112</b>                     | <b>81%</b>  | <b>590</b>         | <b>84%</b>  | <b>116</b> | <b>97%</b>  |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |   |  |
| <b>Ducks, grebes, pelicans</b>   | <b>81</b>                       | <b>6%</b>   | <b>26</b>          | <b>4%</b>   | <b>1</b>   | <b>1%</b>   |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |   |  |
| <b>Rails, coot etc</b>           | <b>97</b>                       | <b>7%</b>   | <b>19</b>          | <b>3%</b>   | <b>2</b>   | <b>2%</b>   |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |   |  |
| <b>Shorebirds</b>                | <b>75</b>                       | <b>5%</b>   | <b>71</b>          | <b>10%</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>1367</b>                     | <b>100%</b> | <b>706</b>         | <b>100%</b> | <b>119</b> | <b>100%</b> |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |   |  |
|                                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |   |  |
| Date of count: 9 Jun 2013        |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |   |  |
| n/c = site not counted           | High tide measured at TBT: 2.6m |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |   |  |
|                                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    |                      |                       |   |  |
| <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                    | 0                     |   |  |
| Black Kite                       | 1                               |             |                    |             |            |             |            | 7                |            | 1          |            |            |                |                 |            | 1         |            | 3           | 2         |            |             | 7                   | 3                              | 10                 | 12                   | 1                     |   |  |
| White-bellied Sea Eagle          |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Eastern Marsh Harrier            |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Common Buzzard                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Greater Spotted Eagle            |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Imperial Eagle                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Peregrine Falcon                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Pied Kingfisher                  | 1                               | 2           | 1                  |             |            |             |            |                  |            | 1          |            |            |                |                 | 1          |           | 3          | 2           |           |            | 1           | 4                   |                                |                    | 5                    | 12                    | 1 |  |
| Common Kingfisher                | 2                               | 9           |                    |             |            |             |            |                  |            | 2          |            | 1          |                |                 |            |           | 4          |             |           | 2          |             | 3                   |                                |                    | 3                    | 20                    |   |  |
| White-throated Kingfisher        |                                 |             |                    |             |            |             |            |                  |            |            | 1          |            |                |                 |            |           |            |             |           |            |             | 1                   |                                |                    | 1                    | 1                     |   |  |
| Black-capped Kingfisher          |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     |   |  |
| Red-billed Starling              |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           | 1          |             |                     |                                |                    | 0                    | 1                     |   |  |
| Collared Crow                    |                                 | 5           |                    |             |            |             |            |                  |            |            |            |            |                |                 | 14         |           | 4          | 3           |           |            | 5           | 18                  |                                |                    | 23                   | 31                    |   |  |
| Crested Serpent Eagle            |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 0                     | 1 |  |
| Bonelli's Eagle                  |                                 |             |                    |             |            |             |            |                  |            | 2          |            |            |                |                 |            |           |            |             |           |            |             |                     |                                |                    | 0                    | 2                     |   |  |

### Summary of Waterbird Counts, July 2013

| 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            | 14  | 15  | 2   |     |     |     |     | 10        |     | 1   | 1   |     |         |          | 14  | 10 | 9   | 20   | 18 | 6   | 37   |              |                         | 43          | <b>120</b>    |                |
| Great Crested Grebe     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Great Cormorant         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Dalmatian Pelican       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Grey Heron              |     |     |     |     |     |     |     | 1         |     |     |     |     |         |          |     |    |     |      |    |     | 1    | 1            |                         | 2           | <b>2</b>      |                |
| Purple Heron            |     |     |     |     |     |     |     |           |     | 1   |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>1</b>      |                |
| Great Egret             | 18  | 56  | 100 |     | 38  | 15  | 93  | 17        |     | 26  | 8   | 1   |         | 17       | 24  | 20 | 15  | 31   | 41 | 69  | 100  | 101          | 146                     | 347         | <b>689</b>    | 86             |
| Intermediate Egret      |     |     | 4   |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     | 2    |              |                         | 2           | <b>6</b>      | 9              |
| Little Egret            | 4   | 99  | 150 |     | 17  | 4   | 30  | 9         |     | 6   | 5   | 2   | 14      | 18       | 32  | 10 | 13  | 9    | 16 | 54  | 70   | 68           | 51                      | 189         | <b>562</b>    | 2              |
| Swinhoe's Egret         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Pacific Reef Egret      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Cattle Egret            | 4   | 2   | 20  |     |     |     | 1   |           |     | 1   |     |     |         |          |     |    |     |      |    | 1   | 5    |              | 1                       | 6           | <b>34</b>     | 7              |
| Chinese Pond Heron      | 29  | 48  | 34  |     |     |     |     | 5         |     | 6   | 16  | 1   | 2       | 4        | 34  | 13 | 4   | 15   | 26 | 16  | 5    | 74           |                         | 79          | <b>258</b>    | 3              |
| Striated Heron          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     | 2    |              |                         | 2           | <b>2</b>      |                |
| B-c Night Heron         | 1   | 23  | 69  |     | 3   | 2   | 7   | 1         |     | 1   | 1   |     |         |          | 5   | 16 | 5   | 5    | 5  | 2   |      | 31           | 12                      | 43          | <b>146</b>    | 8              |
| Yellow Bittern          |     |     |     |     |     |     |     |           |     | 1   |     |     |         |          |     |    |     |      |    |     | 1    |              |                         | 0           | <b>2</b>      |                |
| Cinnamon Bittern        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Great Bittern           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Black Stork             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Black-headed Ibis       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Eurasian Spoonbill      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Black-faced Spoonbill   |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Common Shelduck         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Eurasian Wigeon         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Falcatied Duck          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Gadwall                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Baikal Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Common Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Mallard                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Spot-billed Duck        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Chinese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Burmese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Northern Pintail        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Garganey                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Northern Shoveler       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Common Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Baer's Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Tufted Duck             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Greater Scaup           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Red-breasted Merganser  |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Duck sp.                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Slaty-breasted Rail     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| Water Rail              |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |
| White-breasted Waterhen | 8   | 14  | 4   |     |     |     |     | 4         |     | 1   | 3   | 2   |         |          | 10  | 1  | 1   | 5    | 8  | 3   | 11   |              |                         | 14          | <b>64</b>     | 5              |
| Watercock               |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     | 3    |              |                         | 0           | <b>0</b>      |                |
| Common Moorhen          |     |     | 13  |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>16</b>     |                |
| Eurasian Coot           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | <b>0</b>      |                |



|                         |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  |     |     |
|-------------------------|--|---|----|--|--|--|---|--|--|----|---|----|----|----|----|-----|----|----|--|--|-----|-----|
| Pheasant-tailed Jacana  |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Greater Painted Snipe   |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Black-winged Stilt      |  |   |    |  |  |  | 4 |  |  | 6  |   |    | 11 | 8  | 14 | 4   | 17 |    |  |  | 21  | 47  |
| Pied Avocet             |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Oriental Pratincole     |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Northern Lapwing        |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Grey-headed Lapwing     |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Pacific Golden Plover   |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Grey Plover             |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Common Ringed Plover    |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Little Ringed Plover    |  | 1 |    |  |  |  | 4 |  |  |    |   |    | 18 | 6  | 16 |     | 22 |    |  |  | 22  | 45  |
| Kentish Plover          |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Lesser Sand Plover      |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Greater Sand Plover     |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    | 14  |    |    |  |  | 14  | 14  |
| Black-tailed Godwit     |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    | 1   |    |    |  |  | 1   | 1   |
| Bar-tailed Godwit       |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Whimbrel                |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    | 2   |    |    |  |  | 2   | 2   |
| Eurasian Curlew         |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    | 36  |    |    |  |  | 36  | 36  |
| Far Eastern Curlew      |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Spotted Redshank        |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Common Redshank         |  |   | 50 |  |  |  |   |  |  | 31 |   | 60 |    | 2  |    | 191 | 62 |    |  |  | 253 | 334 |
| Marsh Sandpiper         |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Common Greenshank       |  |   |    |  |  |  |   |  |  | 73 |   |    |    | 5  |    | 66  | 5  |    |  |  | 71  | 144 |
| Nordmann's Greenshank   |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Green Sandpiper         |  |   |    |  |  |  |   |  |  |    | 1 |    |    |    |    |     | 1  |    |  |  | 1   | 1   |
| Wood Sandpiper          |  | 1 | 2  |  |  |  |   |  |  |    |   |    |    | 27 | 2  |     |    | 27 |  |  | 27  | 32  |
| Terek Sandpiper         |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Common Sandpiper        |  | 5 | 13 |  |  |  | 1 |  |  |    | 1 | 3  | 8  | 4  | 17 |     | 13 |    |  |  | 13  | 52  |
| Grey-tailed Tattler     |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Ruddy Turnstone         |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Red-necked Phalarope    |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Pintail Snipe           |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Swinhoe's Snipe         |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Pintail/Swinhoe's Snipe |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Common Snipe            |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Long-billed Dowitcher   |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Asian Dowitcher         |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Red Knot                |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Great Knot              |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Sanderling              |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Red-necked Stint        |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Little Stint            |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Temminck's Stint        |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Long-toed Stint         |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Pectoral Sandpiper      |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Sharp-tailed Sandpiper  |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Dunlin                  |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Curlew Sandpiper        |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Spoon-billed Sandpiper  |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Broad-billed Sandpiper  |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |
| Ruff                    |  |   |    |  |  |  |   |  |  |    |   |    |    |    |    |     |    |    |  |  | 0   | 0   |

|                                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |  |
|----------------------------------|---------------------------------|-------------|--------------------|-------------|------------|-------------|------------|------------------|------------|------------|------------|------------|----------------|---------------|------------|-----------|------------|-------------|------------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|--|
| Small wader spp.                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |  |
| Wader sp.                        |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Black-tailed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Heuglin's Gull                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Yellow-legged Gull               |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Slaty-backed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Pallas's Gull                    |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Large Gull spp.                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Brown-headed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Black-headed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Saunders's Gull                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Whiskered Tern                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Little Tern                      |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 2                  | 2                    |                       |  |  |
| White-winged Tern                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Gull-billed Tern                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Caspian Tern                     |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| <b>Total</b>                     | <b>78</b>                       | <b>264</b>  | <b>461</b>         | <b>0</b>    | <b>58</b>  | <b>21</b>   | <b>131</b> | <b>52</b>        | <b>0</b>   | <b>44</b>  | <b>34</b>  | <b>114</b> | <b>16</b>      | <b>39</b>     | <b>186</b> | <b>62</b> | <b>51</b>  | <b>141</b>  | <b>133</b> | <b>219</b> | <b>508</b>  | <b>472</b>          | <b>210</b>                     | <b>1190</b>        | <b>2612</b>          | <b>120</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>1702</b>                     | <b>65%</b>  | <b>670</b>         | <b>56%</b>  | <b>115</b> | <b>96%</b>  |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |  |
| <b>Ducks, grebes, pelicans</b>   | <b>120</b>                      | <b>5%</b>   | <b>43</b>          | <b>4%</b>   | <b>0</b>   | <b>0%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |  |
| <b>Rails, coot etc</b>           | <b>80</b>                       | <b>3%</b>   | <b>14</b>          | <b>1%</b>   | <b>5</b>   | <b>4%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |  |
| <b>Shorebirds</b>                | <b>708</b>                      | <b>27%</b>  | <b>461</b>         | <b>39%</b>  | <b>0</b>   | <b>0%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |  |
| <b>Gulls and terns</b>           | <b>2</b>                        | <b>0%</b>   | <b>2</b>           | <b>0%</b>   | <b>0</b>   | <b>0%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |  |
| <b>TOTAL</b>                     | <b>2612</b>                     | <b>100%</b> | <b>1190</b>        | <b>100%</b> | <b>120</b> | <b>100%</b> |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |  |
| Date of count: 21 Jul 2013       |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |  |
| n/c = site not counted           | High tide measured at TBT: 2.9m |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |  |
| <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                    | 0                     |  |  |
| Black Kite                       |                                 | 1           |                    |             |            |             |            | 6                | 2          | 1          |            |            |                |               | 1          | 1         |            | 1           | 2          |            | 2           | 11                  |                                | 13                 | 17                   |                       |  |  |
| White-bellied Sea Eagle          |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Eastern Marsh Harrier            |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Common Buzzard                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Greater Spotted Eagle            |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Imperial Eagle                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Peregrine Falcon                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Pied Kingfisher                  | 2                               | 1           | 1                  |             |            |             |            |                  |            | 2          |            |            |                |               |            |           |            | 1           |            | 1          |             | 1                   |                                | 1                  | 8                    |                       |  |  |
| Common Kingfisher                | 2                               | 13          | 2                  |             |            |             |            | 1                |            |            | 1          |            |                | 2             | 1          |           | 1          | 1           |            | 1          |             | 4                   |                                | 4                  | 26                   |                       |  |  |
| White-throated Kingfisher        |                                 | 4           | 5                  |             |            |             |            | 2                |            | 1          |            | 2          |                | 5             |            |           |            | 2           |            |            |             | 4                   |                                | 4                  | 21                   |                       |  |  |
| Black-capped Kingfisher          |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |  |
| Red-billed Starling              |                                 |             | 1                  |             |            |             |            |                  |            |            |            |            |                |               |            |           |            | 6           |            |            |             | 6                   |                                | 6                  | 7                    |                       |  |  |
| Collared Crow                    | 1                               |             | 2                  |             |            |             | 2          | 8                |            |            | 1          | 1          |                |               | 1          | 4         |            | 3           |            |            | 13          | 16                  | 2                              | 31                 | 36                   |                       |  |  |
| Bonelli's Eagle                  |                                 |             |                    |             |            |             |            |                  |            | 1          |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 1                    |                       |  |  |

### Summary of Waterbird Counts, August 2013

| 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            | 8   | 15  | 1   |     |     |     |     |           |     | 3   |     |     |         | 8        | 12  |    | 9   | 14   | 29 | 31  | 6    | 29           |                         | 35          | 136           | 1              |
| Great Crested Grebe     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Great Cormorant         | 2   |     |     |     |     |     |     |           |     |     | 2   |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 4             |                |
| Dalmatian Pelican       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Grey Heron              | 3   |     | 1   |     |     |     |     |           |     | 7   |     |     |         |          |     |    |     |      |    | 1   | 5    |              |                         | 5           | 17            | 3              |
| Purple Heron            |     |     |     |     |     |     |     |           |     | 1   |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 1             |                |
| Great Egret             | 83  | 33  | 103 | 63  | 6   |     |     | 78        | 29  | 66  | 4   | 2   |         | 7        | 56  | 1  | 5   | 13   | 8  | 13  | 63   | 137          | 35                      | 235         | 633           | 80             |
| Intermediate Egret      | 1   |     | 1   |     |     |     |     | 23        |     |     |     |     |         |          |     |    |     |      |    |     | 3    | 23           |                         | 26          | 28            |                |
| Little Egret            | 8   | 46  | 120 | 45  | 4   |     |     | 156       | 10  | 121 | 11  | 2   |         | 7        | 102 | 21 | 20  | 17   | 17 | 28  | 100  | 256          | 14                      | 370         | 835           | 8              |
| Swinhoe's Egret         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Cattle Egret            | 1   |     |     |     |     |     |     | 12        |     |     |     |     |         |          |     | 23 |     | 1    | 1  | 3   | 11   | 13           |                         | 24          | 52            |                |
| Chinese Pond Heron      | 44  | 46  | 28  | 3   | 1   |     |     | 4         | 5   | 16  | 10  | 2   |         | 10       | 33  | 14 | 11  | 22   | 37 | 35  | 5    | 77           | 6                       | 88          | 326           | 8              |
| Striated Heron          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    | 1   |      |              |                         | 0           | 1             | 1              |
| B-c Night Heron         |     | 8   | 35  | 2   | 3   |     |     |           | 1   | 12  |     |     |         |          | 6   | 1  |     |      | 1  | 7   | 10   | 5            | 4                       | 19          | 86            | 1              |
| Yellow Bittern          | 1   |     | 1   |     |     |     |     |           |     |     |     | 1   |         |          | 1   |    |     |      |    |     |      | 1            |                         | 1           | 4             | 1              |
| Cinnamon Bittern        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Great Bittern           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Black Stork             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Black-faced Spoonbill   |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      | 3            |                         | 3           | 3             |                |
| Common Shelduck         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Eurasian Wigeon         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Falcatid Duck           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Baikal Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Common Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Mallard                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Burmese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Northern Pintail        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Garganey                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Northern Shoveler       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Common Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Baer's Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Tufted Duck             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     | 1    |    |     |      | 1            |                         | 1           | 1             |                |
| Greater Scaup           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Duck sp.                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Slaty-breasted Rail     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Water Rail              |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 10  | 14  | 2   |     |     |     |     | 2         |     | 1   | 2   | 5   |         | 2        | 6   |    |     |      | 2  | 5   | 6    | 7            |                         | 13          | 57            |                |
| Watercock               |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |
| Common Moorhen          |     |     | 18  |     |     |     |     |           |     |     |     |     |         | 1        |     |    |     |      |    |     | 4    |              |                         | 4           | 23            |                |
| Eurasian Coot           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |    |     |      |              |                         | 0           | 0             |                |

|                         |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   |     |     |
|-------------------------|----|----|-----|--|--|--|---|---|----|---|----|---|----|---|----|-----|----|----|---|-----|-----|
| Pheasant-tailed Jacana  |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Greater Painted Snipe   |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Black-winged Stilt      | 9  |    |     |  |  |  |   |   |    |   |    | 7 |    |   |    | 5   | 7  |    |   | 12  | 21  |
| Pied Avocet             |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Oriental Pratincole     |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Northern Lapwing        |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Grey-headed Lapwing     |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    | 1   |    |    |   | 1   | 1   |
| Pacific Golden Plover   |    |    | 36  |  |  |  |   |   |    |   |    |   |    |   |    | 3   |    |    |   | 3   | 39  |
| Grey Plover             |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Common Ringed Plover    |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Little Ringed Plover    | 2  |    |     |  |  |  |   |   | 10 |   | 4  |   |    |   |    |     | 4  |    |   | 4   | 16  |
| Kentish Plover          |    |    |     |  |  |  |   |   |    |   |    | 3 |    |   |    |     | 3  |    |   | 3   | 3   |
| Lesser Sand Plover      |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Greater Sand Plover     |    |    |     |  |  |  |   |   |    |   |    | 5 |    |   |    | 62  | 5  |    |   | 67  | 67  |
| Black-tailed Godwit     |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    | 97  |    |    |   | 97  | 97  |
| Bar-tailed Godwit       |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Whimbrel                |    |    | 5   |  |  |  |   |   |    |   |    |   |    |   |    | 19  |    |    |   | 19  | 24  |
| Eurasian Curlew         |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    | 33  |    |    |   | 33  | 33  |
| Far Eastern Curlew      |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Spotted Redshank        |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Common Redshank         |    |    | 29  |  |  |  |   |   | 89 |   | 15 |   | 26 |   |    | 264 | 41 |    |   | 305 | 423 |
| Marsh Sandpiper         | 2  |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 2   |
| Common Greenshank       | 1  |    | 270 |  |  |  |   |   | 45 |   |    |   |    |   |    | 459 |    |    |   | 459 | 775 |
| Nordmann's Greenshank   |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Green Sandpiper         |    | 2  |     |  |  |  |   |   |    | 2 |    | 3 |    |   |    |     | 5  |    |   | 5   | 7   |
| Wood Sandpiper          | 33 | 21 | 108 |  |  |  |   | 3 |    |   | 2  | 4 |    |   |    | 3   | 9  |    |   | 12  | 174 |
| Terek Sandpiper         |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    | 6   |    |    |   | 6   | 6   |
| Common Sandpiper        | 2  | 8  | 15  |  |  |  | 2 | 2 | 3  | 4 |    | 3 | 8  | 6 | 12 | 17  | 1  | 20 | 2 | 23  | 83  |
| Grey-tailed Tattler     |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Ruddy Turnstone         |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Red-necked Phalarope    |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Pintail Snipe           |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Swinhoe's Snipe         |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Pintail/Swinhoe's Snipe |    | 2  |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 2   |
| Common Snipe            |    |    |     |  |  |  |   |   |    |   |    |   |    |   | 1  |     |    |    |   | 0   | 1   |
| Long-billed Dowitcher   |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Asian Dowitcher         |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     | 7  |    |   | 7   | 7   |
| Red Knot                |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Great Knot              |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Sanderling              |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Red-necked Stint        |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Little Stint            |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Temminck's Stint        |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Long-toed Stint         |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Pectoral Sandpiper      |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Sharp-tailed Sandpiper  |    |    | 28  |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 28  |
| Dunlin                  |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Curlew Sandpiper        |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Spoon-billed Sandpiper  |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Broad-billed Sandpiper  |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |
| Ruff                    |    |    |     |  |  |  |   |   |    |   |    |   |    |   |    |     |    |    |   | 0   | 0   |



### Summary of Waterbird Counts, September 2013

| 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            | 7   | 16  | 1   |     |     |     | 7   | 5         |     |     | 13  |     |         |          | 18  | 6  | 15  | 16   | 17  | 8   | 41   | 7            | 56                      | 122         | 1             |                |   |
| Great Crested Grebe     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Great Cormorant         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Dalmatian Pelican       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Grey Heron              |     | 5   | 15  | 2   | 13  |     |     | 5         | 5   | 41  | 1   | 7   |         | 1        | 10  | 2  |     |      |     | 1   | 10   | 14           | 24                      | 48          | 118           | 3              |   |
| Purple Heron            |     |     |     |     |     |     |     |           |     | 1   |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 1             |                |   |
| Great Egret             | 37  | 18  | 89  | 30  | 25  | 7   |     | 8         | 8   | 88  | 3   | 1   | 8       | 16       | 13  | 2  | 71  | 3    | 65  | 94  | 43   | 90           | 70                      | 203         | 592           | 50             |   |
| Intermediate Egret      | 24  | 2   |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     | 3    |              |                         | 3           | 5             |                |   |
| Little Egret            | 1   | 34  | 47  | 13  | 17  | 8   |     | 7         | 6   | 84  | 6   | 1   | 11      | 84       | 67  | 4  | 183 | 10   | 180 | 26  | 17   | 256          | 48                      | 321         | 805           | 12             |   |
| Swinhoe's Egret         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Pacific Reef Egret      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Cattle Egret            | 3   | 2   | 1   |     |     |     |     |           |     |     |     | 2   |         |          |     | 18 | 15  |      | 10  |     | 3    | 33           |                         | 36          | 51            |                |   |
| Chinese Pond Heron      | 39  | 60  | 19  |     |     |     | 1   | 3         | 1   | 22  | 15  |     |         | 8        | 21  | 6  | 6   | 25   | 27  | 27  | 23   | 64           | 4                       | 91          | 264           | 2              |   |
| Striated Heron          |     |     | 1   |     |     |     |     |           |     |     |     |     |         | 1        | 1   |    |     |      |     |     |      | 1            |                         | 1           | 3             |                |   |
| B-c Night Heron         | 9   | 8   | 7   |     |     |     | 2   |           |     | 2   | 1   |     |         | 3        |     |    |     |      | 1   |     |      | 1            | 2                       | 3           | 24            |                |   |
| Yellow Bittern          |     | 1   |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     | 1    |     |     | 1    | 1            |                         | 2           | 3             |                |   |
| Cinnamon Bittern        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     | 1    |              |                         | 1           | 1             |                |   |
| Great Bittern           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Black Stork             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Black-headed Ibis       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Eurasian Spoonbill      |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Black-faced Spoonbill   |     |     |     | 3   |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 3           | 3             | 3              |   |
| Common Shelduck         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Eurasian Wigeon         |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     | 1    |              |                         | 1           | 1             |                |   |
| Falcatid Duck           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Gadwall                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     | 2    |              |                         | 2           | 2             |                |   |
| Baikal Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Common Teal             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Mallard                 |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Spot-billed Duck        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Chinese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Burmese Spotbill        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Northern Pintail        |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Garganey                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Northern Shoveler       |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Common Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Baer's Pochard          |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Tufted Duck             |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     | 1    |     | 1   |      | 1            |                         | 1           | 2             |                |   |
| Greater Scaup           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Red-breasted Merganser  |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Duck sp.                |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Slaty-breasted Rail     |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Water Rail              |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| White-breasted Waterhen | 5   | 7   | 3   |     |     |     | 1   |           | 1   | 2   | 3   |     |         | 1        | 5   | 1  |     |      | 3   | 3   | 3    | 6            | 2                       | 11          | 33            |                |   |
| Watercock               |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |
| Common Moorhen          |     | 2   | 17  | 2   |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     | 1    | 1            |                         | 2           | 3             | 23             | 2 |
| Eurasian Coot           |     |     |     |     |     |     |     |           |     |     |     |     |         |          |     |    |     |      |     |     |      |              |                         | 0           | 0             |                |   |

|                         |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     |     |     |   |
|-------------------------|----|----|------|-----|--|--|---|----|---|----|----|---|----|----|---|---|----|----|----|-----|-----|-----|-----|---|
| Pheasant-tailed Jacana  |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 0   |     |   |
| Greater Painted Snipe   |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 0   |     |   |
| Black-winged Stilt      | 35 | 6  | 141  |     |  |  | 7 | 13 |   |    |    | 6 | 20 | 13 | 8 | 5 | 23 | 18 |    |     | 41  | 242 |     |   |
| Pied Avocet             |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 0   |     |   |
| Oriental Pratincole     |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   | 2  |    |    |     | 2   | 2   |     |   |
| Northern Lapwing        |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 0   |     |   |
| Grey-headed Lapwing     |    |    | 1    |     |  |  |   | 2  |   |    |    |   |    |    |   |   | 1  |    |    |     | 1   | 4   |     |   |
| Pacific Golden Plover   |    |    | 180  |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 180 |     |   |
| Grey Plover             |    |    | 1    | 10  |  |  |   |    |   |    |    |   |    |    |   |   |    |    | 10 |     | 10  | 11  |     |   |
| Common Ringed Plover    |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 0   |     |   |
| Little Ringed Plover    | 72 | 1  |      |     |  |  |   |    |   | 22 | 3  |   |    | 32 |   |   |    | 35 |    |     | 35  | 58  |     |   |
| Kentish Plover          |    |    | 50   |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 50  |     |   |
| Lesser Sand Plover      |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 0   |     |   |
| Greater Sand Plover     |    |    |      | 59  |  |  |   |    |   | 2  |    | 1 |    |    |   |   |    |    |    |     | 59  | 59  | 62  |   |
| Black-tailed Godwit     |    |    | 200* | 246 |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 246 | 246 | 246 |   |
| Bar-tailed Godwit       |    |    |      | 18  |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 18  | 18  | 18  |   |
| Whimbrel                |    |    | 1    | 69  |  |  |   |    |   | 2  |    |   |    |    |   |   |    |    |    |     | 69  | 69  | 72  |   |
| Eurasian Curlew         |    |    |      | 38  |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 38  | 38  | 38  |   |
| Far Eastern Curlew      |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 0   |     |   |
| Spotted Redshank        |    |    | 30   |     |  |  |   | 2  |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 32  |     |   |
| Common Redshank         |    |    | 51   | 244 |  |  |   |    |   | 3  | 60 |   |    |    |   |   |    |    |    |     | 244 | 244 | 358 |   |
| Marsh Sandpiper         |    |    | 2    | 17  |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 17  | 17  | 19  |   |
| Common Greenshank       |    |    | 29   | 522 |  |  |   | 19 |   | 7  |    | 4 | 1  |    |   |   |    | 5  |    | 522 | 522 | 582 |     |   |
| Nordmann's Greenshank   |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 0   | 0   |     |   |
| Green Sandpiper         |    | 4  | 20   | 3   |  |  | 2 | 2  |   |    | 2  | 2 |    |    |   |   |    | 4  | 3  |     | 7   | 35  |     |   |
| Wood Sandpiper          | 39 | 10 | 45   |     |  |  |   | 6  |   |    |    |   |    | 2  | 1 | 5 |    | 2  |    |     | 2   | 69  |     |   |
| Terek Sandpiper         |    |    |      | 68  |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 68  | 68  | 68  |   |
| Common Sandpiper        | 3  | 16 | 22   | 1   |  |  |   | 15 | 6 | 1  | 1  | 7 | 7  | 2  | 1 | 7 | 15 | 11 |    | 18  | 1   | 19  | 112 | 2 |
| Grey-tailed Tattler     |    |    |      | 9   |  |  |   |    |   |    |    | 2 |    |    |   |   |    |    |    |     | 9   | 9   | 11  |   |
| Ruddy Turnstone         |    |    |      |     |  |  |   |    |   |    | 2  |   |    |    |   |   |    |    |    |     |     | 0   | 2   |   |
| Red-necked Phalarope    |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Pintail Snipe           |    |    |      |     |  |  |   |    |   |    |    |   |    | 1  |   |   |    |    | 1  |     |     | 1   | 1   |   |
| Swinhoe's Snipe         |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Pintail/Swinhoe's Snipe | 1  |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Common Snipe            |    |    | 1    |     |  |  |   |    |   |    |    |   |    | 1  |   |   |    |    | 1  |     |     | 1   | 2   |   |
| Snipe sp.               |    |    |      |     |  |  |   |    |   |    |    |   |    |    | 1 |   |    |    |    |     |     | 0   | 1   |   |
| Long-billed Dowitcher   |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Asian Dowitcher         |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Red Knot                |    |    |      | 2   |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 2   | 2   | 2   |   |
| Great Knot              |    |    |      | 7   |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 7   | 7   | 7   |   |
| Sanderling              |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Red-necked Stint        |    |    | 50   | 1   |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 1   | 1   | 51  |   |
| Little Stint            |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Temminck's Stint        |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Long-toed Stint         |    |    |      | 4   |  |  |   |    |   |    |    |   |    | 1  |   | 2 |    | 1  |    |     | 4   | 5   | 7   |   |
| Pectoral Sandpiper      |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Sharp-tailed Sandpiper  |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Dunlin                  |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Curlew Sandpiper        |    |    |      | 1   |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 1   | 1   | 1   |   |
| Spoon-billed Sandpiper  |    |    |      |     |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     |     | 0   | 0   |   |
| Broad-billed Sandpiper  |    |    |      | 31  |  |  |   |    |   |    |    |   |    |    |   |   |    |    |    |     | 31  | 31  | 31  |   |

|                                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |
|----------------------------------|---------------------------------|-------------|--------------------|-------------|------------|-------------|------------|------------------|------------|------------|------------|------------|----------------|---------------|------------|-----------|------------|-------------|------------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|
| Ruff                             |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Small wader spp.                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Wader sp.                        |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Black-tailed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Heuglin's Gull                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Yellow-legged Gull               |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Slaty-backed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Pallas's Gull                    |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Large Gull spp.                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Brown-headed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Black-headed Gull                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Saunders's Gull                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Whiskered Tern                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               | 3          | 4         |            |             |            |            | 4           |                     | 4                              | 7                  |                      |                       |  |
| White-winged Tern                |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Gull-billed Tern                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| Caspian Tern                     |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     | 0                              | 0                  |                      |                       |  |
| <b>Total</b>                     | <b>275</b>                      | <b>192</b>  | <b>824</b>         | <b>1400</b> | <b>55</b>  | <b>15</b>   | <b>11</b>  | <b>37</b>        | <b>21</b>  | <b>299</b> | <b>48</b>  | <b>12</b>  | <b>20</b>      | <b>161</b>    | <b>215</b> | <b>35</b> | <b>314</b> | <b>113</b>  | <b>327</b> | <b>193</b> | <b>142</b>  | <b>597</b>          | <b>1512</b>                    | <b>2251</b>        | <b>4434</b>          | <b>79</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>1870</b>                     | <b>42%</b>  | <b>712</b>         | <b>32%</b>  | <b>67</b>  | <b>85%</b>  |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |
| <b>Ducks, grebes, pelicans</b>   | <b>127</b>                      | <b>3%</b>   | <b>60</b>          | <b>3%</b>   | <b>1</b>   | <b>1%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |
| <b>Rails, coot etc</b>           | <b>56</b>                       | <b>1%</b>   | <b>14</b>          | <b>1%</b>   | <b>2</b>   | <b>3%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |
| <b>Shorebirds</b>                | <b>2374</b>                     | <b>54%</b>  | <b>1461</b>        | <b>65%</b>  | <b>9</b>   | <b>11%</b>  |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |
| <b>Gulls and terns</b>           | <b>7</b>                        | <b>0%</b>   | <b>4</b>           | <b>0%</b>   | <b>0</b>   | <b>0%</b>   |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |
| <b>TOTAL</b>                     | <b>4434</b>                     | <b>100%</b> | <b>2251</b>        | <b>100%</b> | <b>79</b>  | <b>100%</b> |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |
| Date of count: 8 Sep 2013        |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                |                    |                      |                       |  |
| 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> |  |
| Osprey                           |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             | 1                   |                                | 1                  | 1                    |                       |  |
| Black Kite                       | 4                               | 1           |                    |             |            |             |            | 1                |            | 3          | 2          |            |                |               | 1          | 11        |            |             | 3          | 2          | 4           | 14                  |                                | 18                 | 32                   | 1                     |  |
| White-bellied Sea Eagle          |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |
| Eastern Marsh Harrier            |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |
| Common Buzzard                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |
| Greater Spotted Eagle            |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |
| Imperial Eagle                   |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |
| Peregrine Falcon                 |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 0                    |                       |  |
| Pied Kingfisher                  | 3                               | 8           |                    |             |            |             |            |                  |            |            |            |            |                |               | 1          |           | 1          | 4           | 1          | 1          | 1           | 2                   |                                | 3                  | 19                   |                       |  |
| Common Kingfisher                | 3                               | 20          |                    | 1           |            |             |            | 1                |            | 2          | 1          | 1          |                | 1             | 6          | 2         | 2          | 4           | 3          | 2          | 5           |                     | 1                              | 8                  | 49                   | 1                     |  |
| White-throated Kingfisher        | 4                               | 1           |                    |             |            |             |            | 2                |            |            |            |            |                | 2             |            |           |            | 1           |            |            |             | 2                   |                                | 2                  | 12                   |                       |  |
| Black-capped Kingfisher          |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             | 2                   |                                | 2                  | 2                    | 1                     |  |
| Red-billed Starling              | 1                               |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             |                     |                                | 0                  | 1                    |                       |  |
| Collared Crow                    | 1                               |             |                    |             |            |             | 2          |                  |            |            |            | 1          |                |               | 2          | 2         | 6          | 3           | 1          | 1          | 3           | 11                  | 2                              | 16                 | 22                   |                       |  |
| Bonelli's Eagle                  |                                 |             |                    |             |            |             |            |                  |            |            |            |            |                |               |            |           |            |             |            |            |             | 1                   |                                | 1                  | 1                    |                       |  |