

Tender Reference No. AFCD/SQ/23/08/C

**Mai Po Inner Deep Bay Ramsar Site  
Waterbird Monitoring Programme  
2008 - 09**

**Monthly Waterbird Monitoring  
Winter 2008 - 09 Report**



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

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

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# Winter 2008-09 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

## *Report*



The Hong Kong Bird Watching Society Limited



Agriculture, Fisheries and Conservation Department

# MAI PO INNER DEEP BAY RAMSAR SITE WATERBIRD MONITORING PROGRAMME

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Programme 2008/09

Monthly Waterbird Count

Oct 2008 - Mar 2009

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## Winter 2008-2009 Report

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

### 1. Introduction

Long-term monitoring of waterbirds provides an indication of the health of the Deep Bay ecosystem. It is an important strategic aspect for the management of the Mai Po Inner Deep Bay Ramsar Site. This Waterbird Monitoring Programme was administered and executed by the Hong Kong Bird Watching Society Limited (HKBWS) under subvention from the Agriculture, Fisheries and Conservation Department (AFCD) from March 1998 to March 2004. Starting from April 2004, the Waterbird Monitoring Programme was arranged under a service contract funded by AFCD.

Monthly counts of waterbirds in the site form a major part of this programme, the others being counts of shorebirds during the migration season, and egret surveys during the breeding season. This report concerns the monthly waterbird monitoring component for the winter period from October 2008 to March 2009 under the contract tender reference no. AFCD/SQ/23/08/C.

### 2. Methodology

Coordinated mid-monthly counts of wintering waterbirds in Hong Kong were carried out by members of the HKBWS on 12 October 2008, 16 November 2008, 21 December 2008, 18 January 2009, 15 February 2009 and 15 March 2009. The January count coincided with the Asian Waterfowl Census organized by Wetlands International - Asia Pacific. Counts from November to March have been carried out each winter since 1992-1993; counts in January were first carried out in 1979.

The survey area extends from fishponds at Hoo Hok Wai (Ma Tso Lung) in the east to the coastal fringe at Pak Nai and Nim Wan in the west and the Futian

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National Nature Reserve in Shenzhen Special Economic Zone, China in the north. Since November 2004, counting of waterbirds in the Hong Kong Wetland Park at Tin Shui Wai was included as a part of this monitoring programme (Map 1 and 2).

In general, this monitoring programme involves surveying specified areas and counting waterbirds in individual fishponds, *gei wai*, streams, mudflat or marshes. Variables such as the vegetation surrounding and condition of each pond are also measured four times a year. Other variables including the height of exposed edge to the pond and the percentage of pond bottom exposed as a result of drain-down are recorded every month when these are required. Tidal areas of Inner Deep Bay were surveyed simultaneously so as to ensure the chance of double-counting was as small as possible.

During the winter months, there are substantial numbers of birds in the bay. However, there are very few diurnal tides of a sufficient height to force all waterbirds off the mudflat and onto roost sites inland. Counts were made on dates with a rising tide, preferably one that comes to about 2.0 m. High-tide counts of individual species made one week either side of the count date are included if they are considered to be more accurate than that made on the count day. This methodology used is described in detail in the Waterbird Count Handbook (Carey 2002, Map 1, Map 2).

Daytime high tides were not high enough to move the waterbirds close to the Mai Po Boardwalk birdwatching hide in recent winters. An additional low-tide count was thus arranged in the mid-winter period (i.e. December to February), in order to providing extra information on the number of ducks and gulls in particular present in the intertidal area. Counting was done in synchronous manner at Tsim Bei Tsui police jetty and the Futian National Nature Reserve, Shenzhen. These low-tide counts were scheduled on the same days as high-tide counts.

### **3. Results**

The whole Deep Bay and the Ramsar Site was completely covered in all winter months, including the Hong Kong Wetland Park at Tin Shui Wai and the Futian National Nature Reserve in Shenzhen Special Economic Zone, China. The results of the six counts are summarized in table 1; results in full are provided in appendices.

The monthly waterbird count in winter 2008-09 peaked at 78,155 waterbirds in the February count, of which only 27,526 (35%) waterbirds were present in the Mai

Po Inner Deep Bay Ramsar site area. These figures constitute a decrease of 13% (the whole Deep Bay area) and 52% (the Ramsar site) from the same figure of the previous year, which were exceptionally high. Compared to winter 2006-07, the whole Deep Bay figure has an increase of 11% but the Ramsar site figure dropped by 19%. In addition, the January count for the whole Deep Bay area decreased by 21% from the winter 2007-08, but increased 8% above the winter 2006-07 count. The figure of the Ramsar site decreased 46% and 35% from the winters of 2007-08 and 2006-07 respectively (table 1).

Table 1. Comparisons of monthly winter peak and January counts in the whole Deep Bay area and Ramsar Site, winter 2006-07, 2007-08 and 2008-09.

|   |             | Winter<br>2006-07 | Winter<br>2007-08* | Winter<br>2008-09 |
|---|-------------|-------------------|--------------------|-------------------|
| Monthly winter peak<br>count <sup>^</sup> | Deep Bay    | 70,303            | 90,132             | 78,155            |
|   | Ramsar Site | 33,782            | 56,823             | 27,526            |
| January count                             | Deep Bay    | 65,909            | 90,132             | 71,264            |
|   | Ramsar Site | 46,732            | 56,823             | 30,539            |

<sup>^</sup> Monthly winter peak count is the highest count in the winter period.

\* In winter 2007-08, the monthly peak count of the whole Deep Bay area was the January count.

In winter 2008-09 Ducks and Grebes comprised the largest group among other winter waterbirds with a peak figure of 38,099 in the February count, which is also a new high figure for the group in this monitoring programme and constitutes an increase of 9% from the previous high (in winter 2007-08). Shorebirds also appeared in large numbers in the Deep Bay area during this winter and the peak count was 24,069 birds in the February count, a decrease of 13% from the last winter figure. The peak number of Gulls and Terns this winter was 11,212 individuals, similar to the last winter's figure of 11,787 individuals. Figures for each waterbird group in the winter 2008-09 are shown in table 2.

Table 2. Numbers of waterbird counts, winter 2008-2009 by groups and areas.

| Group     | Site           | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  |
|-----------|----------------|------|------|------|------|------|------|
| Comorants | Deep Bay area  | 708  | 4975 | 5496 | 8736 | 6249 | 4391 |
|           | Ramsar site    | 169  | 3768 | 4901 | 3479 | 5435 | 2823 |
|           | Starling Inlet | 0    | 0    | 7    | 10   | 340  | NC   |
| Ardeids   | Deep Bay area  | 2955 | 3235 | 3924 | 3856 | 4384 | 2364 |
|           | Ramsar site    | 1201 | 1544 | 1714 | 1888 | 1785 | 1254 |



|                  |                |       |       |       |       |       |       |
|------------------|----------------|-------|-------|-------|-------|-------|-------|
|                  | Starling Inlet | 309   | 227   | 10    | 212   | 237   | NC    |
| Ducks and grebes | Deep Bay area  | 1465  | 17389 | 28633 | 34283 | 38099 | 7825  |
|                  | Ramsar site    | 695   | 4454  | 9065  | 7324  | 3606  | 2467  |
|                  | Starling Inlet | 0     | 6     | 10    | 16    | 30    | NC    |
| Rails and Coots  | Deep Bay area  | 59    | 151   | 127   | 460   | 415   | 91    |
|                  | Ramsar site    | 21    | 34    | 73    | 67    | 54    | 21    |
|                  | Starling Inlet | 3     | 8     | 22    | 11    | 23    | NC    |
| Shorebirds       | Deep Bay area  | 5393  | 6131  | 15510 | 17988 | 24069 | 12219 |
|                  | Ramsar site    | 4289  | 4485  | 7165  | 12368 | 12185 | 11011 |
|                  | Starling Inlet | 4     | 26    | 0     | 1     | 9     | NC    |
| Gulls and terns  | Deep Bay area  | 29    | 2190  | 11212 | 5941  | 4939  | 5625  |
|                  | Ramsar site    | 28    | 2178  | 4517  | 5413  | 4461  | 4188  |
|                  | Starling Inlet | 0     | 0     | 0     | 0     | 0     | NC    |
| Total            | Deep Bay area  | 10609 | 34071 | 64902 | 71264 | 78155 | 32515 |
|                  | Ramsar site    | 6403  | 16463 | 27435 | 30539 | 27526 | 21764 |
|                  | Starling Inlet | 316   | 267   | 223   | 250   | 639   | NC    |

NC = no count, No count was made at Starling Inlet in March.

Peak counts for each waterbird group since winter 2001-02 are shown in table 3, which indicates the trend of each waterbird group in recent winters. Ducks and grebes, as mentioned above, had an increase of 9% from the previous winter and also reached a new high figure for the group. Ardeids also show a significant increase of 24% from the previous winter. Gulls and terns remained stable of the figures from last winter. On the contrary, peak number of Great Cormorants dropped 22% from the previous winter and this is the lowest figure since 2002-03. The group Rails and Coots made a dramatic decline of 47% from the last winter figure.

Table 3. Peak numbers of different waterbird groups in the Deep Bay area during the mid-winter period (i.e. December to February) from 2001 to 2009.

| Winter               | Cormorants | Ardeids    | Ducks and Grebes | Rails and coots | Shore-birds | Gulls and Terns |
|----------------------|------------|------------|------------------|-----------------|-------------|-----------------|
| 2001-02              | 6230 (Jan) | 4400 (Jan) | 18987 (Dec)      | 195 (Jan)       | 10242 (Jan) | 13302 (Jan)     |
| 2002-03              | 7959 (Jan) | 4702 (Jan) | 20203 (Jan)      | 219 (Dec)       | 9849 (Feb)  | 13191 (Jan)     |
| 2003-04 <sup>^</sup> | 8964 (Jan) | 3963 (Dec) | 16856 (Feb)      | 362 (Jan)       | 12856 (Jan) | 8469 (Dec)      |
| 2004-05              | 9552 (Jan) | 6425 (Dec) | 22521 (Jan)      | 384 (Feb)       | 9806 (Feb)  | 9346 (Dec)      |

|         |                |            |             |           |                |                |
|---------|----------------|------------|-------------|-----------|----------------|----------------|
| 2005-06 | 10347<br>(Jan) | 4345 (Jan) | 19657 (Feb) | 597 (Dec) | 13695<br>(Feb) | 14417<br>(Feb) |
| 2006-07 | 10081<br>(Jan) | 4396 (Dec) | 33779 (Feb) | 798 (Feb) | 19054<br>(Feb) | 12000<br>(Jan) |
| 2007-08 | 11144<br>(Jan) | 3549 (Jan) | 35066 (Jan) | 866 (Jan) | 27720<br>(Jan) | 11787<br>(Jan) |
| 2008-09 | 8736<br>(Jan)  | 4384 (Feb) | 38099 (Feb) | 460 (Jan) | 24069<br>(Feb) | 11212<br>(Dec) |

^ Counts in mid-winter period of winter 2003-04 were modified by additional counts. Details are referred to Part II: additional counts of waterbirds in Deep Bay Intertidal area in January and February 2004 in Yu (2004) and Anon. (2005).

In order to avoid stochastic biases from using the January count alone and to obtain a more accurate picture of numbers of waterbirds that depend on Deep Bay for at least some part of the winter, the total winter peak count in the mid-winter period (December to February) was also used. This total winter peak count in winter 2008-09 is 87,633 individuals, including a total of 13,623 unidentified ducks. Compared to the previous year's figure of 90,986, this is a decrease of 4% but is still the second largest total winter peak count in the winter period.

Low-tide count was conducted only in the intertidal area (from Tsim Bei Tsui Police jetty and Futian National Nature Reserve, Shenzhen) in the mid-winter period of December, January and February. In this winter period no waterbird group were counted in higher numbers during the low-tide counts and the counts are listed in table 4. Poor visibility was the main reason for the low numbers in the January and February counts. Details of the count are shown in the appendix 2.

Table 4. Numbers of waterbird groups recorded in the Deep Bay area during low-tide counts, winter 2008-09. Numbers in parenthesis are the figures from the Ramsar Site area.

|                            | December 2008   | January 2009    | February 2009   |
|----------------------------|-----------------|-----------------|-----------------|
| Cormorants                 | 6 (0)           | 32 (0)          | 5 (0)           |
| Ardeids                    | 262 (0)         | 137 (0)         | 333 (27)        |
| Ducks, grebes and pelicans | 25,267 (15,500) | 10,938 (4,711)  | 11,598 (4,525)  |
| Rails and Coots            | 0 (0)           | 283 (0)         | 320 (300)       |
| Waders                     | 13,118 (5,900)  | 8,291 (2,191)   | 2,886 (2,041)   |
| Gulls and terns            | 3,538 (3,338)   | 2,486 (2,402)   | 3,162 (3,152)   |
| Total                      | 42,191 (24,738) | 22,167 (9,304)  | 28,078 (18,401) |
| High-tide count total      | 64,902 (27,435) | 71,264 (30,539) | 78,155 (27,526) |

The ten most numerous waterbird species recorded in the Deep Bay area this winter were (in descending order): Pied Avocet *Recurvirostra avousetta* (13,061), Black-headed Gull *Larus ridibundis* (11,178), Northern Shoveler *Anas clypeata* (9,966), Great Cormorant *Phalacrocorax carbo* (8,736), Tufted Duck *Aythya fuligula* (6,742) Eurasian Wigeon *Anas penelope* (4,439), Common Teal *Anas crecca* (2,332), Marsh Sandpiper *Tringa stagnatilis* (2,310), Little Egret *Egretta garzetta* (2,076) and Common Greenshank *Tringa nebularia* (1,717). The high numbers of several ducks including Northern Shoveler, Tufted Duck and Common Teal were present mainly in the area of Futian National Nature Reserve, Shenzhen. These ten commonest species contributed to a total figure of 62,557 individuals, constituting 84% of the total winter peak number of all the positively-identified waterbird species.

#### *Species of conservation significance*

Some species that occur in the Deep Bay Area are of conservation significance due to their being listed as globally threatened by BirdLife International (2000, 2004a, 2009a, 2009b), or because they are species for which Deep Bay supports, or may support, at least 1% of regional or flyway population, as used for implementing the Ramsar Convention criterion 3c. The '1% of regional or flyway population' is based on information provided by Wetlands International (2006). Brief reviews of these important waterbird species are provided below.

#### **Dalmatian Pelican** *Pelcanus crispus*

Vulnerable

None was recorded in this winter. The regional population is estimated as low as only 30 individuals (Yu and Chen 2008) and wintering flocks were seen in the coastal area of Zhejiang province in this winter period.

#### **Great Cormorant** *Phalacrocorax carbo*

An additional coordinated roost count at Mai Po Nature Reserve and Nam Sang Wai yielded a figure of 8,736 individuals in January, the maximum count in this winter period. This figure has decreased 22% from the historical high count of 11,144 birds in the previous winter. The 1% regional population is set at 1,000 individuals (Wetlands International 2006) and hence the Deep Bay area supported about 8.7% of the regional population of this species in winter 2008-09.

#### **Great Egret** *Egretta alba*

A total of 978 individuals were counted in the January count, the peak count of this winter. This also has an increase of 37% increase from the peak count of 712 birds in the previous winter. The 1% regional population is set at 1,000 individuals

(Wetlands International 2006). Hence, the Deep Bay area holds about 1% of the regional population of this species in this winter.

**Black-faced Spoonbill** *Platalea minor* Endangered

The December count provided the highest figure of 421 birds, including 32 at Futian. It may represent 21% of the world population from the total of 2,041 birds recorded in the International Black-faced Spoonbill Census in January 2009.

**Falcated Duck** *Anas falcata* Near Threatened

Three individuals were recorded in January counts, lower than five individuals in the previous winter.

**Northern Shoveler** *Anas clypeata*

The peak count of this species was 9,966 individuals in the December count, a 30% decrease from the previous year's highest ever peak count of 14,253 birds. The 1% regional population is set at 5,000 individuals (Wetlands International 2006) and therefore the Deep Bay area hold 2% of the regional population. However, most of the birds were recorded in the Futian National Nature Reserve, Shenzhen where a total of 9,720 individuals were presented.

**Tufted Duck** *Aythya fuligula*

The highest count of this species was 6,742 individuals in the February count. This figure has increased more than five time from the previous winter's peak count of only 1,268 individuals and is also a new high figure for this species in the Deep Bay area. The 1% regional population is set at 2,500 individuals (Wetlands International 2006) and this figure constitutes 2.7% of the regional population. As with Northern Shoveler, almost all (6,680 individuals) were presented in the Futian National Nature Reserve, Shenzhen.

**Pied Avocet** *Recurvirostra avosetta*

The peak count of this species was 13,061 individuals recorded in the February count. This count was made in the Futian National Nature Reserve during the rising tide, but at least 6,280 birds were presented in the mudflat from the Mai Po boardwalk hide later during the falling tide on the same day. Observers noted that the Mai Po birds moved from the direction of Futian and therefore they were presumably in the same groups. This count was 19% lower than the previous peak count of 16,123 individuals, which was the highest count ever in the Deep Bay area. The 1% regional population level is set at 1,000 individuals (Wetlands International

2006) and therefore this winter peak count constitutes 13% of the regional population level.

**Little Ringed Plover** *Charadrius dubius*

The peak count in this winter was 315 birds in the February count, of which 200 were present at Futian National Nature Reserve. This is also the highest count in recent winters. The 1% regional population level is set at 250 individuals (Wetlands International 2006) and hence this peak count comprises 1.6% of the regional population level.

**Kentish Plover** *Charadrius alexandrinus*

The highest count in this winter was 975 individuals in the January count, which was a 47% decrease from the previous winter peak count of 1,857 birds. The 1% regional population level is set at 1,000 individuals (Wetlands International 2006), indicating that the Deep Bay area supported about 1% of the regional population of this species in this winter.

**Black-tailed Godwit** *Limosa limosa*

Near Threatened

The peak count was 780 birds in February, which is also a new high count for this species in the mid-winter period. This count also has an increase of 37% from the previous year's peak count of 571 birds.

**Eurasian Curlew** *Numenius arquata*

Near Threatened

The highest count was 1,065 birds in the January count, which was a small decrease of 5% from the previous winter's peak count of 1,116 birds. The winter peak count has stabilized at a level of 1,000 birds in recent winters. This winter peak count constitutes 3% of the regional population level as the 1% threshold value is set at 350 individuals (Wetlands International 2006).

**Common Greenshank** *Tringa nebularia*

The peak count of this species was 1,717 individuals recorded in the December count, of which 1,215 individuals (71%) were counted in the Futian National Nature Reserve. This figure was an increase of 14% from the previous winter's peak count of 1,509 individuals, and is a new high figure for this species in the winter in the Deep Bay area. The 1% population regional level is set at 1,000 individuals (Wetlands International 2006) and so the Deep Bay area supports 1.7% of the regional level.

**Nordmann's Greenshank** *Tringa guttifer*

Endangered

One individual of this endangered species was noted in the January and February counts. The global population of this species is estimated at 500-1,000 individuals (BirdLife International 2009a).

**Saunders's Gull** *Larus saundersi*

Vulnerable

The highest count of this threatened species was 52 in the January count, with a decline of 10 birds or 16% from the previous winter's peak count. The global population is estimated to lie in a range of 7,100 to 9,600 individuals (BirdLife International 2009b) and the 1% population threshold value is set at 85 birds (Wetland International 2006).

*Other notable counts*

**Greater Crested Grebe** *Podiceps cristatus*

The peak count in this winter increased to 311 birds in the December count from only 100 in the previous winter's peak count. The 1% regional population level is set at 375 individuals (Wetland International 2006) and this figure is closed to that level.

**Common Shelduck** *Tadorna tadorna*

The highest count of this species was only nine birds in the December count, only half of the eighteen birds recorded in the previous winter. This species has drastically declined in the Deep Bay area in recent winters.

**Northern Pintail** *Anas acuta*

The highest count in this winter was only 397 individuals, only about 11% of that in the previous winter (the peak species count in winter 2007-08 was 3,613 individuals).

**Eurasian Coot** *Fulica atra*

The highest count in this winter was 325 individuals in the January count, a decrease of 55% from the previous winter peak count of 728 individuals. This species still remains in low numbers in recent winters.

**Spotted Redshank** *Tringa erythropus*

The peak count of this species was 681 birds from the February count, a 13% increase from the previous winter peak count.

**Black-headed Gull** *Larus ridibundis*

The highest count of this species was 11,178 individuals in the December count

and this figure is similar to counts of 11,600 and 11,978 of the two previous winters. This species is usually present with high numbers throughout the mid-winter period. However, the numbers dropped to only 5,643 and 4,673 individuals in the January and February count respectively.

## **Conclusion**

Figures of the previous winter (i.e. winter 2007-08) are exceptionally high as both figures of the highest mid-winter count and total winter peak count are the highest since the commencement of the programme. Therefore, decline of these figures in this winter is not unexpected and in fact figures for this winter are still high with compared to other winters. Figures of 78,155 of the highest mid-winter count and 87,633 for the total winter peak count are actually the second highest in this monitoring programme. These high figures provide a very encouraging sign for the conservation of the waterbirds and their habitats in the Deep Bay area.

Counting in the previous winter was largely improved by the unexpected high tide but it did not happen again this winter. Instead, poor visibility during the low-tide count period caused low success of the count and so this could not provide additional information on the numbers of the waterbirds in the intertidal areas. Increase of waterbird numbers present in the Deep Bay area had been addressed with the improvement in the Futian National Nature Reserve, Shenzhen in the previous reports (e.g. Anon 2007 and 2008). The situation is more obvious in this winter and numbers of waterbird recorded in Futian could be higher than those in the Hong Kong side. During the mid-winter period, figures for the December and February counts at Futian were 34,959 and 54,382, which represented 54% and 70% of the total numbers of the waterbirds in the whole Deep Bay area. In January the Futian count still reached 32,577 waterbirds, 48% of the total. Therefore, waterbirds, especially wintering ducks, preferred to utilize the area in the Futian side in this winter.

Despite an increase in total numbers of waterbirds in the Deep Bay area, declines of two key species are of local conservation concern. Great Cormorants have considerable decreased by 22% from the previous winter peak number. Black-headed Gulls were counted in the peak count of 11,178 in this winter. This figure is relatively stable with comparing to the figures in recent winters, but the long term trend shows that this species is still decreasing from the level of 16-18,000 individuals in the mid-1990s and 13,000 individuals in early 2000s. These two species comprise significant proportion of the total abundance of the waterbird in the Deep Bay area.

Further decline of their numbers could cause a significant change.

As mentioned, the increase of the waterbird numbers in this winter is a good sign for the conservation of the waterbird community in the area. However, small numbers of illegal mudskipper collectors still cause some disturbance to the waterbirds in the intertidal area. Their collecting activities also could harm the health of the ecosystem of the area as it directly competes for food resources with waterbirds. Regular patrols and prosecutions are being carried out at the Deep Bay area and more may be needed to further minimize this problem.

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## Winter 2008-09 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

### *Figure*

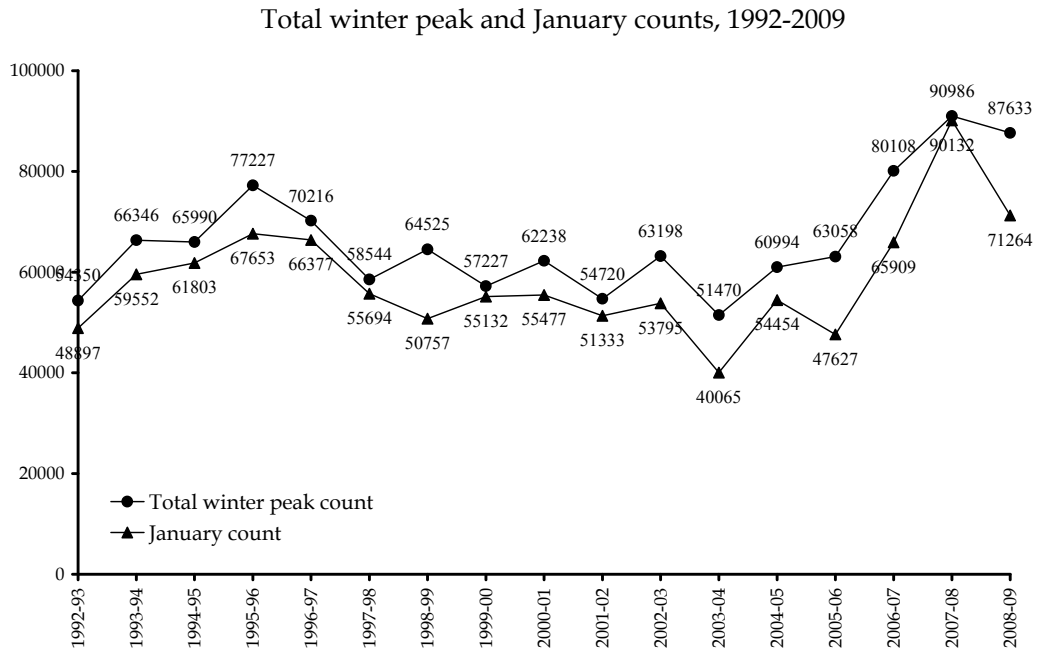


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Agriculture, Fisheries and Conservation Department

Figure 1. Total winter peak counts and January (mid-winter) counts, 1992-2009. Note: number of waterbird in winter 2003-04 was modified and details are referred to Anon. (2005). Data of winter 1997/98, 1998/99, 1999/00 and 2005/06 have been revised.



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## Winter 2008-09 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

### *Maps*

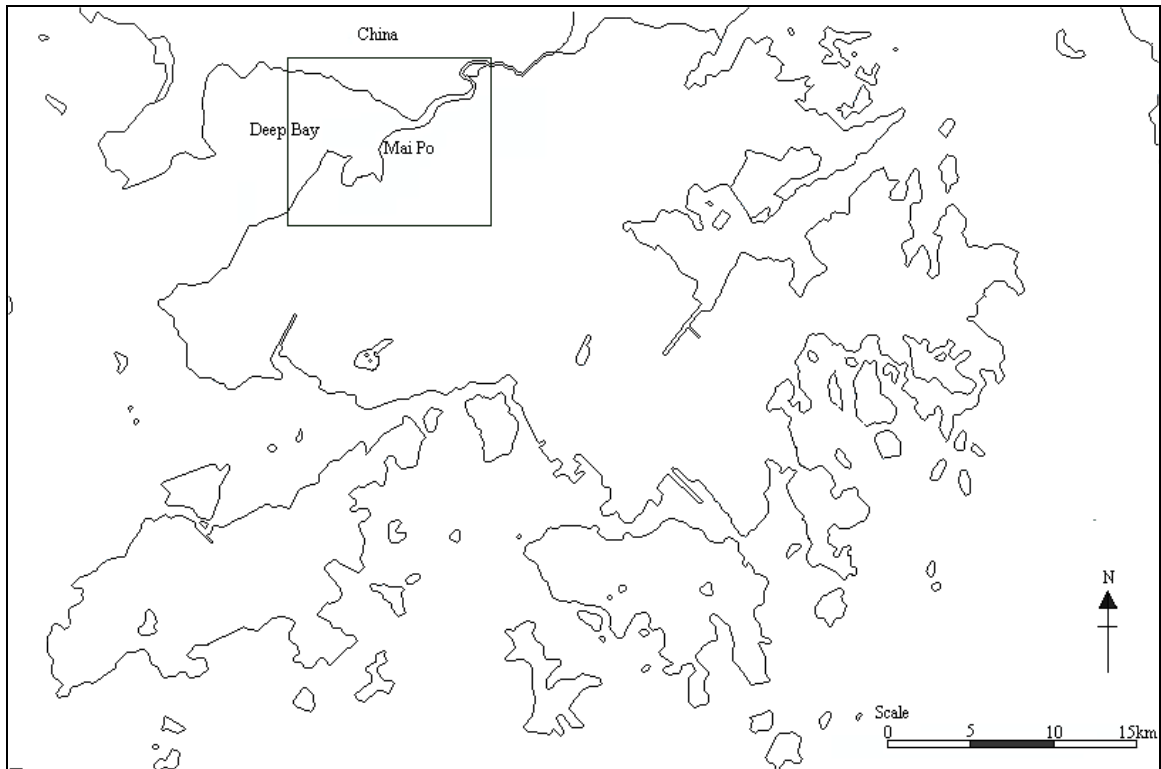


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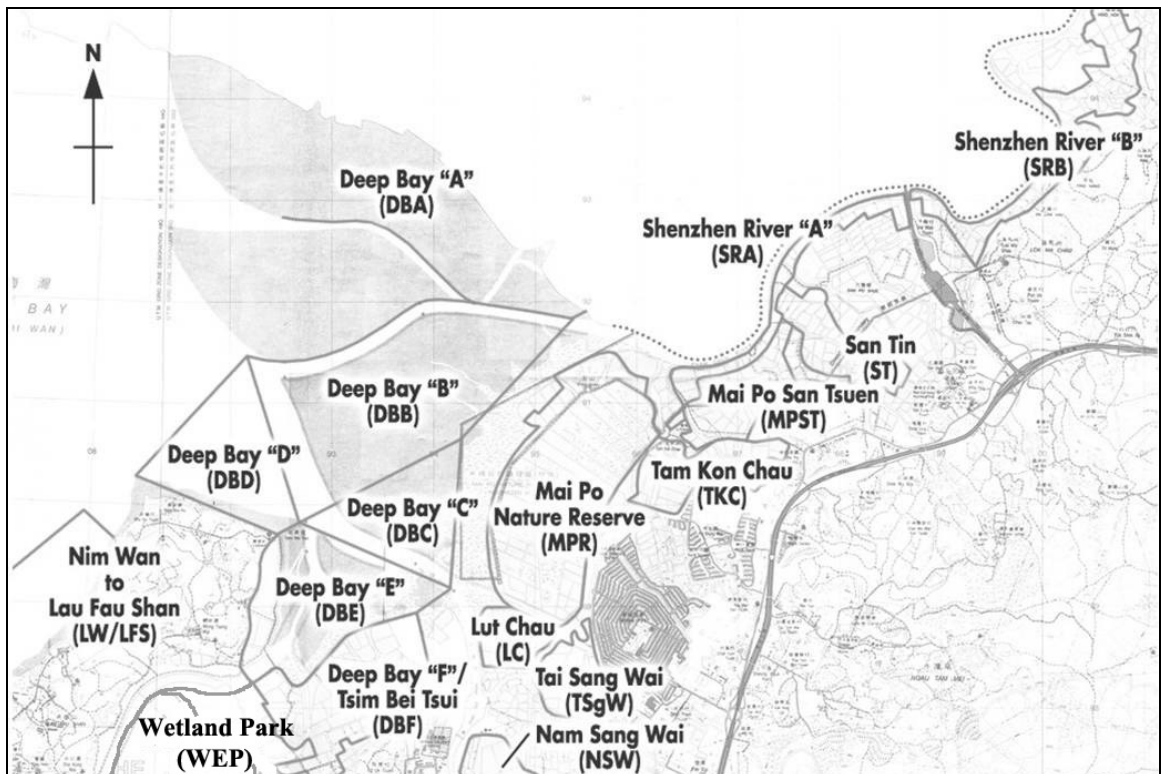


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Map 1. Map of Hong Kong showing location of the Mai Po Inner Deep Bay Ramsar Site



Map 2. Locations of major count areas of the Waterbird Monitoring Programme



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# Winter 2008-09 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

## *Appendices 1*



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Summary of Waterbird Count, October 2008

| SPECIES                 | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | WEP | NW/LFS | TKC | LC | TSW | MPST | ST | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|--------|-----|----|-----|------|----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe            | 21  | 6   | 6   |     |     |     |     | 20        | 7   |        | 28  | 0  | 31  | 4    | 7  | 13   | 63           | 0                       | 76          | 143           |                |
| Great Crested Grebe     |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Cormorant         | 9   | 15  | 502 |     |     |     |     | 16        |     |        | 2   | 2  | 27  | 59   | 5  | 71   | 95           | 3                       | 169         | 708           |                |
| Dalmatian Pelican       |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Grey Heron              | 113 | 17  | 141 | 4   | 34  | 12  | 6   | 65        | 34  | 17     | 13  | 20 | 11  | 5    | 3  | 77   | 69           | 73                      | 219         | 572           | 25             |
| Purple Heron            |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Egret             | 28  | 22  | 254 | 252 | 62  | 15  | 8   | 108       | 3   | 60     | 8   | 14 | 13  | 2    | 8  | 59   | 89           | 390                     | 538         | 916           | 176            |
| Intermediate Egret      | 6   | 0   |     | 3   |     |     |     | 0         | 2   |        | 1   | 3  | 0   | 0    | 0  | 8    | 4            | 3                       | 15          | 23            |                |
| Little Egret            | 37  | 37  | 540 | 60  | 16  | 6   | 12  | 31        |     | 23     | 46  | 13 | 21  | 15   | 42 | 59   | 99           | 115                     | 273         | 958           | 63             |
| Swinhoe's Egret         |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Cattle Egret            | 0   | 0   |     |     |     |     |     | 0         | 1   |        | 9   | 18 | 1   | 25   | 0  | 3    | 46           | 0                       | 49          | 57            | 2              |
| Chinese Pond Heron      | 35  | 15  | 63  |     |     | 3   |     | 2         |     | 5      | 24  | 14 | 10  | 15   | 11 | 21   | 62           | 3                       | 86          | 218           | 7              |
| Striated Heron          | 0   | 0   |     |     |     |     |     | 0         |     |        | 0   | 0  | 0   | 0    | 0  | 1    | 0            | 0                       | 1           | 1             |                |
| B-c Night Heron         | 5   | 2   | 182 |     |     |     |     | 0         |     |        | 0   | 1  | 1   | 2    | 1  | 12   | 4            | 0                       | 16          | 206           | 35             |
| Yellow Bittern          | 0   | 0   |     |     |     |     |     | 0         |     |        | 0   | 0  | 0   | 1    | 0  | 1    | 1            | 0                       | 2           | 2             | 1              |
| Cinnamon Bittern        |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Bittern           |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black Stork             |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black-faced Spoonbill   |     |     |     | 2   |     |     |     |           |     |        |     |    |     |      |    | 0    |              | 2                       | 2           | 2             |                |
| Common Shelduck         |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Eurasian Wigeon         | 0   | 0   |     |     |     |     |     | 0         |     |        | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Falcated Duck           |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Baikal Teal             |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Common Teal             | 3   | 0   |     | 1   |     |     |     | 0         |     |        | 0   | 0  | 0   | 0    | 0  | 377  | 0            | 1                       | 378         | 381           |                |
| Mallard                 |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 1    |              |                         | 1           | 1             |                |
| Burmese Spotbill        |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Northern Pintail        |     |     |     | 4   |     |     |     |           |     |        |     |    |     |      |    | 9    |              | 4                       | 13          | 13            |                |
| Garganey                |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 140  |              |                         | 140         | 140           |                |
| Northern Shoveler       |     |     |     | 85  |     |     |     |           |     |        |     |    |     |      |    | 2    |              | 85                      | 87          | 87            |                |
| Common Pochard          |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Baer's Pochard          |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Tufted Duck             |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Greater Scaup           |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Duck sp.                |     |     | 700 |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 700           |                |
| Slaty-breasted Rail     |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Water Rail              |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 3   | 4   | 6   |     |     |     |     | 3         | 1   |        | 4   | 2  | 2   | 2    | 6  | 3    | 11           | 1                       | 15          | 36            | 2              |
| Watercock               |     |     |     |     |     |     |     |           |     |        |     |    |     |      |    | 0    |              |                         | 0           | 0             | 1              |
| Common Moorhen          | 1   | 0   | 9   |     |     |     |     | 5         | 2   |        | 3   | 0  | 0   | 0    | 0  | 3    | 3            | 0                       | 6           | 23            |                |

|                         |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   |      |    |     |      |      |    |   |
|-------------------------|----|---|-----|-----|--|--|--|--|-----|----|---|----|---|----|---|------|----|-----|------|------|----|---|
| Eurasian Coot           |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Pheasant-tailed Jacana  |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Greater Painted Snipe   |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Black-winged Stilt      | 36 |   | 560 | 188 |  |  |  |  | 31  |    |   |    | 5 |    |   | 0    | 5  | 188 | 193  | 820  |    |   |
| Pied Avocet             |    |   |     | 16  |  |  |  |  |     |    |   |    |   |    |   | 0    |    | 16  | 16   | 16   |    |   |
| Oriental Pratincole     |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Northern Lapwing        |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Grey-headed Lapwing     |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 1    |    |     | 1    | 1    |    |   |
| Pacific Golden Plover   | 1  |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 4    |    |     | 4    | 5    |    |   |
| Grey Plover             |    |   |     | 19  |  |  |  |  |     |    |   |    |   |    |   | 0    |    | 19  | 19   | 19   |    |   |
| Common Ringed Plover    |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Little Ringed Plover    | 59 | 1 | 7   |     |  |  |  |  | 0   | 6  | 4 | 1  | 1 | 0  | 0 | 3    | 34 | 0   | 37   | 82   |    |   |
| Kentish Plover          |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 4    |    |     | 4    | 4    |    |   |
| Lesser Sand Plover      |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 2    |    |     | 2    | 2    |    |   |
| Greater Sand Plover     |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 14   |    |     | 14   | 14   |    |   |
| Black-tailed Godwit     |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 426  |    |     | 426  | 426  |    |   |
| Bar-tailed Godwit       |    |   |     | 1   |  |  |  |  |     |    |   |    |   |    |   | 0    |    | 1   | 1    | 1    |    |   |
| Whimbrel                |    |   |     | 10  |  |  |  |  |     |    |   |    |   |    |   | 0    |    | 10  | 10   | 10   |    |   |
| Eurasian Curlew         |    |   | 1   |     |  |  |  |  |     |    |   |    |   |    |   | 121  |    |     | 121  | 122  |    |   |
| Far Eastern Curlew      |    |   |     | 1   |  |  |  |  |     |    |   |    |   |    |   | 0    |    | 1   | 1    | 1    |    |   |
| Spotted Redshank        |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 42   |    |     | 42   | 42   |    |   |
| Common Redshank         |    |   |     |     |  |  |  |  | 4   |    |   |    |   |    |   | 323  |    |     | 323  | 327  |    |   |
| Marsh Sandpiper         | 2  |   |     |     |  |  |  |  | 3   |    |   |    |   |    |   | 1944 |    |     | 1944 | 1949 |    |   |
| Common Greenshank       | 8  |   | 79  |     |  |  |  |  | 103 |    |   |    |   |    |   | 871  |    |     | 871  | 1061 |    |   |
| Nordmann's Greenshank   |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Green Sandpiper         | 4  | 4 |     |     |  |  |  |  | 0   | 7  | 0 | 0  | 1 | 0  | 1 | 8    | 0  |     | 9    | 17   |    |   |
| Wood Sandpiper          | 40 | 0 | 73  |     |  |  |  |  | 0   | 68 | 3 | 2  | 7 | 0  | 1 | 159  | 21 | 0   | 180  | 353  |    |   |
| Terek Sandpiper         |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 6    |    |     | 6    | 6    |    |   |
| Common Sandpiper        | 8  | 4 | 9   |     |  |  |  |  | 1   | 2  | 1 | 11 | 7 | 11 | 2 | 12   | 4  | 32  | 0    | 36   | 72 | 4 |
| Grey-tailed Tattler     |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Ruddy Turnstone         |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Red-necked Phalarope    |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Pintail Snipe           |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Swinhoe's Snipe         |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Pintail/Swinhoe's Snipe | 1  |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 3    |    |     | 3    | 4    |    |   |
| Common Snipe            | 12 |   | 8   |     |  |  |  |  |     |    |   |    |   |    |   | 1    | 8  |     | 9    | 21   |    |   |
| Long-billed Dowitcher   |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Asian Dowitcher         |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Red Knot                |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 3    |    |     | 3    | 3    |    |   |
| Great Knot              |    |   |     | 1   |  |  |  |  |     |    |   |    |   |    |   | 8    |    | 1   | 9    | 9    |    |   |
| Sanderling              |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Red-necked Stint        |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Little Stint            |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Temminck's Stint        | 3  |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    | 3  |     | 3    | 3    |    |   |
| Long-toed Stint         |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Pectoral Sandpiper      |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Sharp-tailed Sandpiper  |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 2    |    |     | 2    | 2    |    |   |
| Dunlin                  |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Curlew Sandpiper        |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Spoon-billed Sandpiper  |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |
| Broad-billed Sandpiper  |    |   |     |     |  |  |  |  |     |    |   |    |   |    |   | 0    |    |     | 0    | 0    |    |   |



|   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
|---|-----------------|-------------|--------------------|-------------|------------|------------|------------|------------------|------------|---------------|------------|-----------|------------|-------------|-----------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|
| Ruff  |                 |             | 1                  |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 1                    |                       |  |
| Small wader spp.  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Wader sp.   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Black-tailed Gull   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Heuglin's Gull  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Yellow-legged Gull  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Slaty-backed Gull   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Pallas's Gull   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Large Gull spp.   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Brown-headed Gull   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Black-headed Gull   | 0               | 0           | 1                  |             |            |            | 0          |                  |            | 0             | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 1                    |                       |  |
| Saunders's Gull   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |  |
| Whiskered Tern  |                 |             |                    | 2           |            |            |            |                  |            |               |            | 4         |            |             |           | 22          | 4                   | 2                              | 28                 | 28                   |                       |  |
| White-winged Tern   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           | 0           |                     | 0                              | 0                  | 0                    |                       |  |
| Gull-billed Tern  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           | 0           |                     | 0                              | 0                  | 0                    |                       |  |
| Caspian Tern  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           | 0           |                     | 0                              | 0                  | 0                    |                       |  |
| <b>Total</b>  | <b>435</b>      | <b>127</b>  | <b>3142</b>        | <b>649</b>  | <b>112</b> | <b>36</b>  | <b>26</b>  | <b>251</b>       | <b>261</b> | <b>112</b>    | <b>163</b> | <b>97</b> | <b>145</b> | <b>133</b>  | <b>96</b> | <b>4824</b> | <b>661</b>          | <b>918</b>                     | <b>6403</b>        | <b>10609</b>         | 316                   |  |
|   | <b>Deep Bay</b> | <b>%</b>    | <b>Ramsar Site</b> | <b>%</b>    | <b>SW</b>  | <b>SI</b>  |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| <b>Cormorants</b>   | <b>708</b>      | <b>6.7</b>  | <b>169</b>         | <b>2.6</b>  | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| <b>Ardeids etc</b>  | <b>2955</b>     | <b>27.9</b> | <b>1201</b>        | <b>18.8</b> | <b>0</b>   | <b>309</b> |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| <b>Ducks, grebes, pelicans</b>  | <b>1465</b>     | <b>13.8</b> | <b>695</b>         | <b>10.9</b> | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| <b>Rails, Coot etc</b>  | <b>59</b>       | <b>0.6</b>  | <b>21</b>          | <b>0.3</b>  | <b>0</b>   | <b>3</b>   |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| <b>Waders</b>   | <b>5393</b>     | <b>50.8</b> | <b>4289</b>        | <b>67.0</b> | <b>0</b>   | <b>4</b>   |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| <b>Gulls and terns</b>  | <b>29</b>       | <b>0.3</b>  | <b>28</b>          | <b>0.4</b>  | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| <b>TOTAL</b>  | <b>10609</b>    |             | <b>6403</b>        |             | <b>0</b>   | <b>316</b> |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| Date of count: 12 Oct 2008  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| n/c = site not counted  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| High tide measured at TBT:  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| # indicates count consists of or includes a count made up to one week either side of the count date |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| % = count made at evening roost   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| <b>Wetland-dependant species</b>  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |  |
| <b>Species</b>  | <b>SRA</b>      | <b>SRB</b>  | <b>DBA</b>         | <b>DBB</b>  | <b>DBC</b> | <b>DBD</b> | <b>DBE</b> | <b>DBF (TBT)</b> | <b>WEP</b> | <b>NW/LFS</b> | <b>TKC</b> | <b>LC</b> | <b>TSW</b> | <b>MPST</b> | <b>ST</b> | <b>MPNR</b> | <b>Ramsar ponds</b> | <b>Ramsar intertidal areas</b> | <b>Ramsar Site</b> | <b>DEEP BAY AREA</b> | <b>Starling Inlet</b> |  |
| Osprey  |                 |             | 3                  | 1           |            |            |            |                  |            |               |            |           |            |             |           | 0           |                     |                                | 0                  | 4                    | 1                     |  |
| Black Kite  | 4               | 6           | 3                  |             |            |            |            | 2                |            |               | 1          | 11        | 3          | 2           | 2         | 15          | 18                  | 1                              | 34                 | 49                   |                       |  |
| White-bellied Sea Eag   |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |  |
| Eastern Marsh Harrier   |                 | 1           | 3                  | 1           |            |            |            |                  |            |               |            |           |            |             |           | 0           |                     |                                | 0                  | 5                    |                       |  |
| Common Buzzard  | 1               |             | 1                  |             |            |            |            |                  |            |               |            |           |            |             |           | 0           |                     |                                | 0                  | 2                    |                       |  |
| Greater Spotted Eagle   | 0               | 0           |                    |             |            |            |            | 0                |            |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |  |
| Imperial Eagle  | 0               | 0           |                    |             |            |            |            | 0                |            |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |  |
| Peregrine Falcon  |                 |             |                    |             |            |            |            |                  |            |               |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |  |
| Pied Kingfisher   | 0               | 0           | 4                  |             |            |            |            | 0                |            |               | 0          | 2         | 0          | 0           | 2         | 0           | 2                   | 0                              | 2                  | 8                    | 2                     |  |
| Common Kingfisher   | 6               | 5           | 4                  | 1           |            |            |            | 4                | 4          |               | 11         | 0         | 4          | 4           | 8         | 2           | 21                  | 1                              | 24                 | 53                   | 3                     |  |
| White-throated Kingfisher   | 1               | 1           | 3                  |             |            |            |            | 4                | 2          |               | 4          | 2         | 1          | 1           | 2         | 7           | 7                   | 0                              | 14                 | 28                   | 2                     |  |
| Black-capped Kingfisher   | 0               | 0           | 1                  | 3           |            |            |            | 0                |            |               | 0          | 0         | 0          | 0           | 0         | 1           | 0                   | 3                              | 4                  | 5                    |                       |  |
| Red-billed Starling   | 0               | 0           |                    |             |            |            |            | 0                |            |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |  |
| Collared Crow   | 0               | 0           | 4                  |             |            |            |            | 2                |            | 2             | 1          | 12        | 2          | 2           | 0         | 11          | 19                  | 0                              | 30                 | 36                   | 2                     |  |

Summary of Waterbird Count, November 2008

| SPECIES                 | SRA | SRB | DBA  | DBB  | DBC | DBD | DBE | DBF (TBT) | WEP | NW / LFS | TKC | LC | TSW | MPST | ST | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|------|-----|-----|-----|-----------|-----|----------|-----|----|-----|------|----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe            | 15  | 5   | 2    |      |     |     | 2   | 32        | 2   |          | 14  | 0  | 24  | 5    | 4  | 21   | 57           | 2                       | 80          | 126           | 6              |
| Great Crested Grebe     |     |     | 33   |      |     | 2   | 1   |           |     |          |     |    |     |      |    | 0    |              | 3                       | 3           | 36            |                |
| Great Cormorant         | 798 | 171 | 80   | 30   | 18  |     | 18  | 89        | 109 | 2        | 13  | 9  | 551 | 237  | 16 | 2834 | 868          | 66                      | 3768        | 4975          |                |
| Dalmatian Pelican       |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Grey Heron              | 268 | 20  | 154  | 15   | 3   |     | 33  | 29        | 93  | 11       | 12  | 17 | 9   | 6    | 5  | 147  | 46           | 53                      | 246         | 822           | 44             |
| Purple Heron            |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Egret             | 20  | 16  | 313  | 346  | 139 | 16  | 82  | 15        | 3   | 42       | 4   | 59 | 9   | 20   | 15 | 68   | 85           | 588                     | 741         | 1167          | 109            |
| Intermediate Egret      | 14  | 0   |      | 2    |     |     | 1   | 0         | 6   |          | 0   | 25 | 6   | 0    | 0  | 12   | 31           | 3                       | 46          | 66            |                |
| Little Egret            | 54  | 37  | 238  | 50   | 26  | 13  | 52  | 6         | 5   | 101      | 18  | 32 | 9   | 6    | 42 | 23   | 61           | 141                     | 225         | 712           | 48             |
| Swinhoe's Egret         |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Cattle Egret            | 0   | 2   |      |      |     |     | 1   |           |     |          | 0   | 0  | 2   | 0    | 14 | 1    | 3            | 0                       | 4           | 20            | 1              |
| Chinese Pond Heron      | 14  | 9   | 12   | 2    |     |     | 1   | 5         |     | 3        | 17  | 4  | 7   | 16   | 16 | 10   | 42           | 3                       | 55          | 116           | 4              |
| Striated Heron          | 0   | 0   |      |      |     |     | 0   |           |     |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| B-c Night Heron         | 1   | 0   | 3    |      |     |     | 0   |           |     |          | 2   | 3  | 0   | 8    | 0  | 0    | 8            | 0                       | 8           | 17            | 21             |
| Yellow Bittern          | 0   | 0   |      |      |     |     | 0   |           |     |          | 0   | 0  | 0   | 1    | 0  | 0    | 1            | 0                       | 1           | 1             |                |
| Cinnamon Bittern        |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Bittern           |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black Stork             |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 1    |              |                         | 1           | 1             |                |
| Black-faced Spoonbill   |     |     | 96   | 2    |     |     |     |           |     |          |     |    |     |      |    | 215  |              | 2                       | 217         | 313           |                |
| Common Shelduck         |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Eurasian Wigeon         | 41  | 0   | 325  | 380  | 15  | 167 |     | 0         | 38  | 34       | 0   | 0  | 2   | 0    | 0  | 112  | 2            | 562                     | 676         | 1114          |                |
| Falcated Duck           |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Baikal Teal             |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Common Teal             | 1   | 5   | 556  | 20   |     |     | 50  | 0         | 132 |          | 0   | 0  | 0   | 0    | 0  | 26   | 0            | 70                      | 96          | 790           |                |
| Mallard                 |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Burmese Spotbill        |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Northern Pintail        |     |     | 4    | 190  |     |     | 3   | 25        | 5   |          |     |    |     |      |    | 113  |              | 193                     | 306         | 340           |                |
| Garganey                |     |     |      | 2    |     |     |     | 8         |     |          |     |    |     |      |    | 0    |              | 2                       | 2           | 10            |                |
| Northern Shoveler       |     |     | 2810 | 2230 | 466 |     | 198 | 30        | 2   |          |     |    |     |      |    | 11   | 1            | 2894                    | 2906        | 5748          |                |
| Common Pochard          |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Baer's Pochard          |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Tufted Duck             |     |     | 840  |      | 6   | 9   |     |           |     |          |     |    |     |      |    | 0    |              | 15                      | 15          | 855           |                |
| Greater Scaup           |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Duck sp.                |     |     | 8000 | 370  |     |     |     |           |     |          |     |    |     |      |    | 0    |              | 370                     | 370         | 8370          |                |
| Slaty-breasted Rail     |     |     |      | 1    |     |     |     |           |     |          |     |    |     |      |    | 0    |              | 1                       | 1           | 1             |                |
| Water Rail              |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 0   | 3   | 5    |      |     |     | 2   | 1         | 1   |          | 0   | 0  | 0   | 4    | 2  | 0    | 5            | 2                       | 7           | 18            | 1              |
| Watercock               |     |     |      |      |     |     |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |

|                         |   |    |      |      |   |    |   |    |    |    |   |   |   |   |   |    |      |      |             |           |   |
|-------------------------|---|----|------|------|---|----|---|----|----|----|---|---|---|---|---|----|------|------|-------------|-----------|---|
| Common Moorhen          | 5 | 4  | 24   |      |   |    | 1 | 10 | 12 |    | 1 | 0 | 0 | 1 | 2 | 21 | 3    | 1    | 25          | <b>81</b> | 7 |
| Eurasian Coot           |   |    | 50   |      |   |    |   |    |    |    |   |   |   |   | 1 |    |      | 1    | 1           | <b>51</b> |   |
| Pheasant-tailed Jacana  |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Greater Painted Snipe   |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Black-winged Stilt      |   | 1  | 158  |      |   |    | 4 | 2  |    |    |   |   |   |   | 1 | 2  | 4    | 7    | 166         |           |   |
| Pied Avocet             |   |    | 1103 |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 1103        |           |   |
| Oriental Pratincole     |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Northern Lapwing        |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 1 |    |      | 1    | 1           |           |   |
| Grey-headed Lapwing     |   |    | 2    |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 2           | <b>2</b>  |   |
| Pacific Golden Plover   |   |    | 5    | 45   |   |    |   |    |    |    |   |   |   |   | 0 |    | 45   | 45   | 50          |           |   |
| Grey Plover             |   |    |      |      | 2 |    |   |    |    |    |   |   |   |   | 0 |    | 2    | 2    | 2           |           |   |
| Common Ringed Plover    |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Little Ringed Plover    | 5 | 0  | 37   |      |   |    | 5 | 1  | 25 | 2  | 0 | 1 | 0 | 0 | 1 | 8  | 0    | 9    | 77          |           |   |
| Kentish Plover          |   |    | 2    | 2000 |   |    |   |    | 92 |    |   |   |   |   | 0 |    | 2000 | 2000 | <b>2094</b> | 20        |   |
| Lesser Sand Plover      |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Greater Sand Plover     |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Black-tailed Godwit     |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Bar-tailed Godwit       |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Whimbrel                |   |    |      |      | 3 |    |   |    | 11 |    |   |   |   |   | 0 |    | 3    | 3    | 14          |           |   |
| Eurasian Curlew         |   |    | 2    | 106  |   |    |   |    |    |    |   |   |   |   | 0 |    | 106  | 106  | <b>108</b>  |           |   |
| Far Eastern Curlew      |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Spotted Redshank        |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Common Redshank         |   |    | 3    |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 3           |           |   |
| Marsh Sandpiper         |   |    | 11   |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 11          |           |   |
| Common Greenshank       |   |    | 57   | 199  | 8 | 47 |   | 1  | 9  |    |   |   |   |   | 3 |    | 254  | 257  | <b>324</b>  | 4         |   |
| Nordmann's Greenshank   |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Green Sandpiper         | 5 | 2  |      |      |   | 2  | 0 | 3  | 1  | 2  | 4 | 3 | 1 | 3 | 0 | 10 | 2    | 12   | 26          |           |   |
| Wood Sandpiper          | 6 | 18 | 40   |      |   | 6  | 0 | 2  |    | 1  | 1 | 0 | 1 | 4 | 0 | 3  | 6    | 9    | 79          |           |   |
| Terek Sandpiper         |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Common Sandpiper        | 0 | 4  | 9    |      |   | 1  | 1 | 2  | 2  | 11 | 7 | 3 | 3 | 9 | 1 | 21 | 1    | 23   | 53          | 2         |   |
| Grey-tailed Tattler     |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Ruddy Turnstone         |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Red-necked Phalarope    |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Pintail Snipe           |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Swinhoe's Snipe         |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Pintail/Swinhoe's Snipe |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 1 |    |      | 1    | 1           |           |   |
| Common Snipe            |   | 1  | 1    |      |   |    |   |    |    |    |   |   |   |   | 1 |    |      | 1    | 3           |           |   |
| Long-billed Dowitcher   |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Asian Dowitcher         |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Red Knot                |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Great Knot              |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Sanderling              |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Red-necked Stint        |   |    |      | 9    |   |    |   |    |    |    |   |   |   |   | 0 |    | 9    | 9    | 9           |           |   |
| Little Stint            |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Temminck's Stint        |   |    | 2    |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 2           |           |   |
| Long-toed Stint         |   |    | 2    |      |   |    |   | 1  |    |    |   |   |   |   | 0 |    |      | 0    | 3           |           |   |
| Pectoral Sandpiper      |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Sharp-tailed Sandpiper  |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Dunlin                  |   |    |      | 2000 |   |    |   |    |    |    |   |   |   |   | 0 |    | 2000 | 2000 | <b>2000</b> |           |   |
| Curlew Sandpiper        |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |
| Spoon-billed Sandpiper  |   |    |      |      |   |    |   |    |    |    |   |   |   |   | 0 |    |      | 0    | 0           | <b>0</b>  |   |

|   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
|---|----------------------|-------------|--------------------|-------------|------------|------------|------------|------------------|------------|-----------------|------------|------------|------------|-------------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|---|---|--|---|------|------|------|--|--|--|--|
| Broad-billed Sandpiper  |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  | 0 |   |  |   | 0    | 0    |      |  |  |  |  |
| Ruff  |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Small wader spp.  |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Wader sp.   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Black-tailed Gull   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Heuglin's Gull  |                      |             |                    |             |            |            | 2          |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   | 2    | 2    | 2    |  |  |  |  |
| Yellow-legged Gull  |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Slaty-backed Gull   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Pallas's Gull   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Large Gull spp.   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Brown-headed Gull   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Black-headed Gull   | 0                    | 0           |                    | 8           | 2150       |            |            |                  | 0          |                 |            | 0          | 0          | 0           | 0          | 0           | 0                   | 0                              |                    |                      |                       |  | 0 |   |  | 0 | 2150 | 2150 | 2158 |  |  |  |  |
| Saunders's Gull   |                      |             |                    | 25          |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   | 25   | 25   | 25   |  |  |  |  |
| Whiskered Tern  |                      |             | 4                  |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 4    |  |  |  |  |
| White-winged Tern   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Gull-billed Tern  |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   |      | 0    | 0    |  |  |  |  |
| Caspian Tern  |                      |             |                    | 1           |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   | 0 |  |   | 1    | 1    | 1    |  |  |  |  |
| <b>Total</b>  | <b>1247</b>          | <b>302</b>  | <b>14987</b>       | <b>9978</b> | <b>874</b> | <b>218</b> | <b>504</b> | <b>251</b>       | <b>426</b> | <b>333</b>      | <b>97</b>  | <b>161</b> | <b>626</b> | <b>310</b>  | <b>132</b> | <b>3625</b> | <b>1257</b>         | <b>11581</b>                   | <b>16463</b>       | <b>34071</b>         | <b>267</b>            |  |   |   |  |   |      |      |      |  |  |  |  |
|   | <b>Deep Bay Area</b> | <b>%</b>    | <b>Ramsar Site</b> | <b>%</b>    | <b>SW</b>  | <b>SI</b>  |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| <b>Cormorants</b>   | <b>4975</b>          | <b>14.6</b> | <b>3768</b>        | <b>22.9</b> | <b>0</b>   | <b>0</b>   |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| <b>Ardeids etc</b>  | <b>3235</b>          | <b>9.5</b>  | <b>1544</b>        | <b>9.4</b>  | <b>0</b>   | <b>227</b> |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| <b>Ducks, grebes, pelicans</b>  | <b>17389</b>         | <b>51.0</b> | <b>4454</b>        | <b>27.1</b> | <b>0</b>   | <b>6</b>   |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| <b>Rails, Coot etc</b>  | <b>151</b>           | <b>0.4</b>  | <b>34</b>          | <b>0.2</b>  | <b>0</b>   | <b>8</b>   |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| <b>Waders</b>   | <b>6131</b>          | <b>18.0</b> | <b>4485</b>        | <b>27.2</b> | <b>0</b>   | <b>26</b>  |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| <b>Gulls and terns</b>  | <b>2190</b>          | <b>6.4</b>  | <b>2178</b>        | <b>13.2</b> | <b>0</b>   | <b>0</b>   |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| <b>TOTAL</b>  | <b>34071</b>         |             | <b>16463</b>       |             | <b>0</b>   | <b>267</b> |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Date of count: 16 Nov 2008  |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| n/c = site not counted  |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| # indicates count consists of or includes a count made up to one week either side of the count date |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| % = count made at evening roost   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| <b>Wetland-dependant species</b>  |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| <b>Species</b>  | <b>SRA</b>           | <b>SRB</b>  | <b>DBA</b>         | <b>DBB</b>  | <b>DBC</b> | <b>DBD</b> | <b>DBE</b> | <b>DBF (TBT)</b> | <b>WEP</b> | <b>NW / LFS</b> | <b>TKC</b> | <b>LC</b>  | <b>TSW</b> | <b>MPST</b> | <b>ST</b>  | <b>MPNR</b> | <b>Ramsar ponds</b> | <b>Ramsar intertidal areas</b> | <b>Ramsar Site</b> | <b>DEEP BAY AREA</b> | <b>Starling Inlet</b> |  |   |   |  |   |      |      |      |  |  |  |  |
| Osprey  |                      |             | 2                  | 5           |            | 2          |            |                  |            |                 |            |            |            |             |            | 1           |                     |                                | 1                  | 10                   |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Black Kite  | 1                    | 4           | 31                 | 2           |            |            |            | 16               | 1          |                 | 5          | 3          | 26         | 3           | 2          | 52          | 53                  | 2                              | 107                | 146                  | 1                     |  |   |   |  |   |      |      |      |  |  |  |  |
| White-bellied Sea Eag   |                      |             |                    |             |            |            |            |                  |            |                 |            |            |            |             |            | 0           |                     |                                | 0                  | 0                    |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Eastern Marsh Harrier   |                      |             |                    | 1           |            |            |            |                  |            |                 |            |            |            |             |            | 0           |                     |                                | 0                  | 1                    |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Common Buzzard  |                      | 1           | 4                  |             |            |            |            | 2                | 1          |                 |            |            |            |             |            | 8           | 2                   |                                | 10                 | 16                   |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Greater Spotted Eagle   | 0                    | 0           |                    |             |            |            |            | 0                |            |                 | 0          | 0          | 1          | 0           | 0          | 2           | 1                   | 0                              | 3                  | 3                    |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Imperial Eagle  | 1                    | 0           |                    |             |            |            |            | 0                |            |                 | 0          | 0          | 0          | 2           | 0          | 2           | 2                   | 0                              | 4                  | 5                    |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Peregrine Falcon  |                      |             |                    | 1           |            |            |            |                  |            |                 |            |            |            |             |            | 0           |                     |                                | 0                  | 1                    |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Pied Kingfisher   | 0                    | 3           | 1                  |             |            |            | 1          | 1                |            |                 | 0          | 0          | 0          | 3           | 1          | 1           | 4                   | 1                              | 6                  | 11                   |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Common Kingfisher   | 3                    | 2           | 3                  |             | 1          |            |            | 1                |            |                 | 3          | 0          | 2          | 1           | 2          | 3           | 8                   | 1                              | 12                 | 21                   | 2                     |  |   |   |  |   |      |      |      |  |  |  |  |
| White-throated Kingfisher   | 3                    | 0           | 4                  |             | 1          |            | 1          | 3                |            |                 | 0          | 0          | 1          | 1           | 2          | 1           | 5                   | 2                              | 8                  | 17                   |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Black-capped Kingfisher   | 0                    | 0           | 1                  | 1           |            |            |            | 0                |            |                 | 0          | 0          | 0          | 0           | 0          | 0           | 0                   | 1                              | 2                  |                      |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Red-billed Starling   | 60                   | 10          |                    |             |            |            |            | 0                |            |                 | 7          | 110        | 35         | 120         | 30         | 7           | 265                 | 0                              | 272                | 379                  |                       |  |   |   |  |   |      |      |      |  |  |  |  |
| Collared Crow   | 0                    | 0           | 2                  |             |            |            | 1          | 4                |            |                 | 0          | 2          | 0          | 0           | 0          | 3           | 6                   | 1                              | 10                 | 12                   |                       |  |   |   |  |   |      |      |      |  |  |  |  |

Summary of Waterbird Count, December 2008

| SPECIES                 | SRA | SRB | DBA  | DBB  | DBC | DBD  | DBE | DBF (TBT) | WEP | NW / LFS | TKC | LC | TSW | MPST | ST | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|------|-----|------|-----|-----------|-----|----------|-----|----|-----|------|----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe            | 29  | 16  | 10   |      |     |      |     | 54        | 5   |          | 29  | 0  | 36  | 5    | 11 | 29   | 102          | 0                       | 131         | 224           | 7              |
| Great Crested Grebe     |     |     | 245  |      | 8   | 35   |     |           |     | 23       |     |    |     |      |    | 0    |              | 43                      | 43          | 311           |                |
| Great Cormorant         | 229 | 196 | 62   |      |     |      |     | 49        | 72  | 1        | 40  | 0  | 19  | 23   | 31 | 4774 | 122          | 5                       | 4901        | 5496          | 7              |
| Dalmatian Pelican       |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Grey Heron              | 161 | 7   | 61   | 27   | 67  |      | 42  | 21        | 151 | 2        | 13  | 7  | 2   | 8    | 3  | 221  | 39           | 136                     | 396         | 793           | 25             |
| Purple Heron            |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Egret             | 51  | 3   | 311  | 63   | 110 |      | 28  | 49        | 7   | 39       | 16  | 7  | 12  | 12   | 13 | 107  | 64           | 205                     | 376         | 828           | 103            |
| Intermediate Egret      | 2   | 0   |      |      |     |      | 2   | 0         | 1   |          | 2   | 0  | 1   | 0    | 0  | 10   | 2            | 2                       | 14          | 18            | 1              |
| Little Egret            | 103 | 20  | 807  | 14   | 27  |      | 94  | 82        | 23  | 107      | 191 | 40 | 24  | 24   | 27 | 92   | 301          | 143                     | 536         | 1675          | 46             |
| Swinhoe's Egret         |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Cattle Egret            | 1   | 0   |      |      |     |      |     | 0         |     |          | 3   | 2  | 0   | 0    | 0  | 27   | 2            | 0                       | 29          | 33            |                |
| Chinese Pond Heron      | 12  | 13  | 29   |      |     |      | 2   | 0         | 3   | 3        | 24  | 2  | 9   | 18   | 13 | 10   | 41           | 2                       | 53          | 138           | 5              |
| Striated Heron          | 0   | 0   |      |      |     |      |     | 0         |     |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| B-c Night Heron         | 2   | 2   | 10   |      |     |      |     | 0         |     |          | 1   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 15            | 4              |
| Yellow Bittern          | 0   | 0   | 1    |      |     |      |     | 0         |     |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 1             |                |
| Cinnamon Bittern        |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Bittern           |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black Stork             |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 2    |              |                         | 2           | 2             |                |
| Black-faced Spoonbill   | 32  |     | 32   | 1    | 37  |      |     | 6         | 23  |          | 13  |    |     |      | 17 | 260  | 10           | 38                      | 308         | 421           |                |
| Common Shelduck         |     |     | 9    |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 9             |                |
| Eurasian Wigeon         | 124 | 0   | 568  |      |     |      |     | 0         | 31  | 4        | 5   | 8  | 0   | 0    | 3  | 149  | 8            | 0                       | 157         | 892           |                |
| Falcated Duck           |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 2    |              |                         | 2           | 2             |                |
| Baikal Teal             |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Common Teal             | 117 | 0   | 1958 |      |     |      | 140 | 0         | 104 |          | 0   | 0  | 0   | 0    | 0  | 13   | 0            | 140                     | 153         | 2332          | 3              |
| Mallard                 |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Burmese Spotbill        |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Northern Pintail        | 17  |     | 30   |      |     |      |     |           |     | 130      |     |    |     |      |    | 206  |              |                         | 206         | 383           |                |
| Garganey                |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Northern Shoveler       | 1   |     | 9720 |      |     |      |     |           |     | 44       |     |    |     |      |    | 201  |              |                         | 201         | 9966          |                |
| Common Pochard          |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Baer's Pochard          |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Tufted Duck             | 8   |     | 630  |      |     |      |     | 29        | 4   |          |     |    |     |      |    | 30   |              |                         | 30          | 701           |                |
| Greater Scaup           |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Duck sp.                |     |     | 5620 | 4562 | 200 | 3380 |     |           | 51  |          |     |    |     |      |    | 0    |              | 8142                    | 8142        | 13813         |                |
| Slaty-breasted Rail     |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Water Rail              |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 2   | 4   | 6    |      |     |      | 1   | 7         |     |          | 1   | 0  | 1   | 2    | 0  | 2    | 11           | 1                       | 14          | 26            | 2              |
| Watercock               |     |     |      |      |     |      |     |           |     |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |

|                         |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   |    |      |     |      |       |    |
|-------------------------|----|---|------|------|--|--|----|---|----|----|----|---|---|----|---|----|------|-----|------|-------|----|
| Common Moorhen          | 14 | 5 | 5    |      |  |  | 11 | 1 | 15 |    | 17 | 0 | 0 | 2  | 3 | 21 | 21   | 11  | 53   | 94    | 20 |
| Eurasian Coot           |    | 1 |      |      |  |  |    |   |    |    |    |   |   |    |   | 6  |      |     | 6    | 7     |    |
| Pheasant-tailed Jacana  |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Greater Painted Snipe   |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Black-winged Stilt      |    |   | 260  |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 260   |    |
| Pied Avocet             |    |   | 4695 | 5720 |  |  |    |   |    |    |    |   |   |    |   | 0  | 5720 |     | 5720 | 10415 |    |
| Oriental Pratincole     |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Northern Lapwing        |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Grey-headed Lapwing     |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Pacific Golden Plover   |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Grey Plover             |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Common Ringed Plover    |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Little Ringed Plover    | 3  | 0 |      | 13   |  |  |    | 0 | 6  | 41 | 2  | 0 | 1 | 0  | 6 | 34 | 4    | 13  | 51   | 106   |    |
| Kentish Plover          |    |   |      |      |  |  |    |   |    | 19 |    |   |   |    |   | 0  |      |     | 0    | 19    |    |
| Lesser Sand Plover      |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Greater Sand Plover     |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Black-tailed Godwit     |    |   | 370  |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 370   |    |
| Bar-tailed Godwit       |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Whimbrel                |    |   |      | 1    |  |  |    |   | 6  |    |    |   |   |    |   | 0  |      | 1   | 1    | 7     |    |
| Eurasian Curlew         |    |   | 132  | 713  |  |  |    |   |    | 2  |    |   |   |    |   | 0  |      | 713 | 713  | 847   |    |
| Far Eastern Curlew      |    |   |      | 1    |  |  |    |   |    |    |    |   |   |    |   | 0  |      | 1   | 1    | 1     |    |
| Spotted Redshank        |    |   |      |      |  |  | 1  |   |    |    |    |   |   |    |   | 0  |      | 1   | 1    | 1     |    |
| Common Redshank         |    |   | 29   | 130  |  |  |    |   |    |    |    |   |   |    |   | 0  |      | 130 | 130  | 159   |    |
| Marsh Sandpiper         |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Common Greenshank       |    |   | 1215 | 497  |  |  | 1  |   |    | 2  |    |   |   |    |   | 2  |      | 498 | 500  | 1717  |    |
| Nordmann's Greenshank   |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Green Sandpiper         | 3  | 8 |      |      |  |  | 1  |   |    | 0  | 7  | 5 | 0 | 3  | 1 | 14 | 0    | 15  | 28   |       |    |
| Wood Sandpiper          | 13 | 8 | 160  |      |  |  | 0  |   |    | 2  | 0  | 0 | 0 | 11 | 0 | 2  | 0    | 2   | 194  |       |    |
| Terek Sandpiper         |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Common Sandpiper        | 4  | 9 | 9    |      |  |  | 1  | 1 | 2  | 5  | 5  | 6 | 3 | 16 | 0 | 19 | 0    | 19  | 61   |       |    |
| Grey-tailed Tattler     |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Ruddy Turnstone         |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Red-necked Phalarope    |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Pintail Snipe           |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Swinhoe's Snipe         |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Pintail/Swinhoe's Snipe |    |   |      |      |  |  |    | 1 |    |    | 1  |   |   |    |   | 1  | 1    |     | 2    | 3     |    |
| Common Snipe            | 2  |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 1  |      |     | 1    | 3     |    |
| Long-billed Dowitcher   |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Asian Dowitcher         |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Red Knot                |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Great Knot              |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Sanderling              |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Red-necked Stint        |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Little Stint            |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Temminck's Stint        |    |   |      | 8    |  |  |    |   |    |    |    |   |   |    |   | 0  | 8    | 8   | 8    |       |    |
| Long-toed Stint         |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Pectoral Sandpiper      |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Sharp-tailed Sandpiper  |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Dunlin                  |    |   |      | 1    |  |  |    |   |    |    |    |   |   |    |   | 0  |      | 1   | 1    | 1     |    |
| Curlew Sandpiper        |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |
| Spoon-billed Sandpiper  |    |   |      |      |  |  |    |   |    |    |    |   |   |    |   | 0  |      |     | 0    | 0     |    |

|   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
|---|----------------------|-------------|--------------------|--------------|------------|-------------|------------|------------------|------------|-----------------|------------|-----------|------------|-------------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|----|------|--|
| Broad-billed Sandpiper  |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Ruff  |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Small wader spp.  |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Wader sp.   |                      |             | 1310               |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 1310 |  |
| Black-tailed Gull   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Heuglin's Gull  |                      |             |                    | 32           |            |             |            |                  |            |                 |            |           |            |             |            |             |                     | 32                             |                    |                      | 32                    | 32 | 32   |  |
| Yellow-legged Gull  |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Slaty-backed Gull   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Pallas's Gull   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Large Gull spp.   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Brown-headed Gull   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Black-headed Gull   | 0                    | 0           | 6665               | 480          | 100        | 3870        | 20         | 0                | 0          | 30              | 0          | 13        | 0          | 0           | 0          | 0           | 13                  | 4470                           | 4483               |                      | 11178                 |    |      |  |
| Saunders's Gull   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Whiskered Tern  |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| White-winged Tern   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Gull-billed Tern  |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      |                       | 0  | 0    |  |
| Caspian Tern  |                      |             |                    | 2            |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                | 0                  |                      | 2                     | 2  | 2    |  |
| <b>Total</b>  | <b>930</b>           | <b>292</b>  | <b>34959</b>       | <b>12265</b> | <b>549</b> | <b>7285</b> | <b>342</b> | <b>300</b>       | <b>672</b> | <b>281</b>      | <b>364</b> | <b>92</b> | <b>116</b> | <b>97</b>   | <b>157</b> | <b>6201</b> | <b>776</b>          | <b>20458</b>                   | <b>27435</b>       | <b>64902</b>         |                       |    | 223  |  |
|   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
|   | <b>Deep Bay Area</b> | <b>%</b>    | <b>Ramsar Site</b> | <b>%</b>     | <b>SW</b>  | <b>SI</b>   |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| <b>Cormorants</b>   | <b>5496</b>          | <b>8.5</b>  | <b>4901</b>        | <b>17.9</b>  | <b>0</b>   | <b>7</b>    |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| <b>Ardeids etc</b>  | <b>3924</b>          | <b>6.0</b>  | <b>1714</b>        | <b>6.2</b>   | <b>0</b>   | <b>184</b>  |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| <b>Ducks, grebes, pelicans</b>  | <b>28633</b>         | <b>44.1</b> | <b>9065</b>        | <b>33.0</b>  | <b>0</b>   | <b>10</b>   |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| <b>Rails, Coot etc</b>  | <b>127</b>           | <b>0.2</b>  | <b>73</b>          | <b>0.3</b>   | <b>0</b>   | <b>22</b>   |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| <b>Waders</b>   | <b>15510</b>         | <b>23.9</b> | <b>7165</b>        | <b>26.1</b>  | <b>0</b>   | <b>0</b>    |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| <b>Gulls and terns</b>  | <b>11212</b>         | <b>17.3</b> | <b>4517</b>        | <b>16.5</b>  | <b>0</b>   | <b>0</b>    |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| <b>TOTAL</b>  | <b>64902</b>         |             | <b>27435</b>       |              | <b>0</b>   | <b>223</b>  |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| Date of count: 21 Dec 2008  |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| n/c = site not counted High tide measured at TBT:   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| # indicates count consists of or includes a count made up to one week either side of the count date |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| % = count made at evening roost   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
|   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| <b>Wetland-dependant species</b>  |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             |            |             |                     |                                |                    |                      |                       |    |      |  |
| <b>Species</b>  | <b>SRA</b>           | <b>SRB</b>  | <b>DBA</b>         | <b>DBB</b>   | <b>DBC</b> | <b>DBD</b>  | <b>DBE</b> | <b>DBF (TBT)</b> | <b>WEP</b> | <b>NW / LFS</b> | <b>TKC</b> | <b>LC</b> | <b>TSW</b> | <b>MPST</b> | <b>ST</b>  | <b>MPNR</b> | <b>Ramsar ponds</b> | <b>Ramsar intertidal areas</b> | <b>Ramsar Site</b> | <b>DEEP BAY AREA</b> | <b>Starling Inlet</b> |    |      |  |
| Osprey  |                      |             | 2                  | 5            | 6          |             |            |                  |            |                 |            |           |            |             | 1          |             |                     |                                | 1                  | 14                   |                       |    |      |  |
| Black Kite  | 1                    | 8           | 19                 |              |            |             |            | 15               |            |                 | 2          | 12        | 53         | 1           | 4          | 10          | 81                  | 0                              | 91                 | 125                  |                       |    |      |  |
| White-bellied Sea Eag   |                      |             |                    |              |            |             |            |                  |            |                 |            |           |            |             | 0          |             |                     |                                | 0                  | 0                    |                       |    |      |  |
| Eastern Marsh Harrier   | 1                    |             | 2                  |              |            |             |            |                  |            |                 |            |           |            |             | 0          |             |                     |                                | 0                  | 3                    |                       |    |      |  |
| Common Buzzard  |                      |             | 2                  |              |            |             |            |                  | 1          |                 |            |           |            |             | 4          |             |                     |                                | 4                  | 7                    |                       |    |      |  |
| Greater Spotted Eagle   | 0                    | 0           | 1                  |              |            |             |            | 0                |            |                 | 0          | 0         | 0          | 0           | 0          | 1           | 0                   | 0                              | 1                  | 2                    |                       |    |      |  |
| Imperial Eagle  | 0                    | 0           |                    |              |            |             |            | 0                |            |                 | 0          | 0         | 0          | 0           | 0          | 0           | 0                   | 0                              | 0                  | 0                    |                       |    |      |  |
| Peregrine Falcon  | 1                    |             | 1                  |              |            |             |            |                  |            |                 |            |           |            |             | 0          |             |                     |                                | 0                  | 2                    |                       |    |      |  |
| Pied Kingfisher   | 0                    | 8           |                    |              |            | 1           |            | 0                | 4          |                 | 1          | 0         | 0          | 0           | 0          | 1           | 1                   | 1                              | 3                  | 15                   | 4                     |    |      |  |
| Common Kingfisher   | 5                    | 2           | 1                  |              |            |             |            | 0                | 1          |                 | 7          | 1         | 1          | 2           | 0          | 5           | 11                  | 0                              | 16                 | 25                   | 3                     |    |      |  |
| White-throated Kingfisher   | 2                    | 1           | 1                  |              |            | 1           |            | 2                | 1          |                 | 0          | 0         | 1          | 2           | 2          | 3           | 5                   | 1                              | 9                  | 16                   | 5                     |    |      |  |
| Black-capped Kingfisher   | 0                    | 0           | 1                  |              |            |             |            | 0                |            |                 | 0          | 0         | 0          | 0           | 0          | 0           | 0                   | 0                              | 0                  | 1                    |                       |    |      |  |
| Red-billed Starling   | 2                    | 69          | 60                 |              |            |             |            | 0                |            |                 | 62         | 812       | 2          | 5           | 68         | 20          | 44                  | 0                              | 64                 | 1100                 |                       |    |      |  |
| Collared Crow   | 0                    | 0           | 4                  |              |            | 2           |            | 1                | 2          |                 | 2          | 48        | 1          | 0           | 0          | 8           | 26                  | 2                              | 36                 | 68                   |                       |    |      |  |

Summary of Waterbird Count, January 2009

| SPECIES                 | SRA | SRB  | DBA   | DBB  | DBC | DBD | DBE | DBF (TBT) | WEP | NW / LFS | TKC  | LC    | TSW  | MPST | ST  | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|------|-------|------|-----|-----|-----|-----------|-----|----------|------|-------|------|------|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe            | 19  | 15   | 8     |      |     |     |     | 31        | 5   |          | 46   | 4     | 16   | 6    | 10  | 50   | 74           | 0                       | 124         | 210           | 6              |
| Great Crested Grebe     |     |      | 1     |      |     | 9   | 2   |           |     | 16       |      |       |      |      |     | 0    |              | 11                      | 11          | 28            |                |
| Great Cormorant%        | 0   | 331* | 279*  | 32*  |     |     |     | 88*       | 62* | 6*       | 128* | 1121* | 5257 | 233* | 31* | 3479 | 1509*        | 0                       | 3479        | 8736          | 10             |
| Dalmatian Pelican       |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Grey Heron              | 225 | 23   | 91    | 31   | 10  | 2   | 28  | 20        | 170 | 9        | 14   | 25    | 6    | 15   | 5   | 206  | 76           | 71                      | 353         | 880           | 22             |
| Purple Heron            |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Great Egret             | 221 | 13   | 158   | 79   | 60  | 7   | 33  | 90        | 15  | 4        | 15   | 42    | 110  | 15   | 7   | 109  | 234          | 182                     | 525         | 978           | 116            |
| Intermediate Egret      | 6   | 3    |       | 26   |     |     |     | 0         |     |          | 3    | 1     | 8    | 0    | 0   | 3    | 12           | 26                      | 41          | 50            |                |
| Little Egret            | 189 | 7    | 237   | 8    | 4   | 17  | 37  | 323       | 1   | 169      | 25   | 85    | 48   | 110  | 63  | 105  | 497          | 72                      | 674         | 1428          | 54             |
| Swinhoe's Egret         |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Cattle Egret            | 0   | 0    |       |      |     |     |     | 0         |     |          | 0    | 1     | 7    | 4    | 0   | 0    | 12           | 0                       | 12          | 12            | 1              |
| Chinese Pond Heron      | 4   | 9    | 10    | 6    |     | 2   | 5   | 1         | 1   | 4        | 30   | 3     | 14   | 25   | 13  | 4    | 59           | 13                      | 76          | 131           | 5              |
| Striated Heron          | 0   | 0    |       |      |     |     |     | 0         |     |          | 0    | 0     | 0    | 0    | 0   | 0    | 0            | 0                       | 0           | 0             |                |
| B-c Night Heron         | 0   | 0    |       |      |     |     |     | 0         |     |          | 0    | 0     | 0    | 0    | 0   | 8    | 0            | 0                       | 8           | 8             | 14             |
| Yellow Bittern          | 0   | 0    |       |      |     |     |     | 0         |     |          | 0    | 0     | 0    | 0    | 0   | 0    | 0            | 0                       | 0           | 0             |                |
| Cinnamon Bittern        |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Great Bittern           |     |      |       |      |     |     |     |           | 1   |          |      |       |      |      |     | 2    |              |                         | 2           | 3             |                |
| Black Stork             |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      | 1   |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 1             |                |
| Black-faced Spoonbill   | 52  |      | 41    | 18   | 1   |     | 7   | 26        | 73  | 1        | 1    |       |      |      |     | 145  | 26           | 26                      | 197         | 365           |                |
| Common Shelduck         |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Eurasian Wigeon         | 0   | 0    | 1086  | 1143 | 19  | 445 |     | 1         | 52  | 745      | 0    | 0     | 0    | 0    | 0   | 210  | 0            | 1607                    | 1817        | 3701          |                |
| Falcated Duck           |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 3    |              |                         | 3           | 3             |                |
| Gadwall                 |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 4    |              |                         | 4           | 4             |                |
| Baikal Teal             |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Common Teal             | 46  | 0    | 104   | 42   | 7   | 264 |     | 0         | 28  |          | 8    | 0     | 0    | 0    | 0   | 31   | 0            | 313                     | 344         | 530           | 10             |
| Mallard                 |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Burmese Spotbill        |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Northern Pintail        | 1   |      |       | 267  |     |     |     | 50        | 57  |          |      |       |      |      |     | 22   |              | 317                     | 339         | 397           |                |
| Garganey                |     |      |       |      |     |     |     |           | 28  |          |      |       |      |      |     | 3    |              |                         | 3           | 31            |                |
| Northern Shoveler       | 1   |      | 4705  | 128  |     |     | 18  |           |     |          |      |       |      |      |     | 0    |              | 146                     | 146         | 4852          |                |
| Common Pochard#         |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 1    |              |                         | 1           | 1             |                |
| Baer's Pochard          |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Tufted Duck             | 1   |      | 2630  |      |     |     |     | 70        |     |          | 3    |       |      |      |     | 112  |              | 10                      | 122         | 2816          |                |
| Greater Scaup           |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Duck sp.                |     |      | 17300 | 4410 |     |     |     |           |     |          |      |       |      |      |     | 0    |              | 4410                    | 4410        | 21710         |                |
| Slaty-breasted Rail     |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| Water Rail              |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 2   | 1    | 4     | 1    |     |     | 4   | 0         |     |          | 2    | 0     | 0    | 5    | 1   | 2    | 5            | 5                       | 12          | 22            | 2              |
| Watercock               |     |      |       |      |     |     |     |           |     |          |      |       |      |      |     | 0    |              |                         | 0           | 0             |                |



|                         |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   |     |    |      |      |             |   |
|-------------------------|----|----|------|------|--|--|----|---|----|----|----|----|---|---|---|-----|----|------|------|-------------|---|
| Common Moorhen          | 0  | 28 | 10   |      |  |  | 8  | 4 | 17 | 1  | 12 | 0  | 0 | 3 | 3 | 27  | 16 | 8    | 51   | <b>113</b>  | 9 |
| Eurasian Coot           |    | 1  | 320  |      |  |  |    |   |    |    |    |    |   |   |   | 4   |    |      | 4    | <b>325</b>  |   |
| Pheasant-tailed Jacana  |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Greater Painted Snipe   |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Black-winged Stilt      |    |    | 2    |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>2</b>    |   |
| Pied Avocet             |    |    | 2900 | 5290 |  |  |    |   | 1  |    |    |    |   |   |   | 1   |    | 5290 | 5291 | <b>8192</b> |   |
| Oriental Pratincole     |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Northern Lapwing        |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Grey-headed Lapwing     |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Pacific Golden Plover#  |    |    |      | 400  |  |  |    |   |    |    |    |    |   |   |   | 0   |    | 400  | 400  | <b>400</b>  |   |
| Grey Plover#            |    |    |      | 203  |  |  |    |   |    |    |    |    |   |   |   | 0   |    | 203  | 203  | <b>203</b>  |   |
| Common Ringed Plover    |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Little Ringed Plover    | 16 | 2  | 47   | 41   |  |  |    | 0 | 43 | 45 | 1  | 0  | 0 | 0 | 5 | 0   | 0  | 41   | 41   | <b>200</b>  |   |
| Kentish Plover          |    |    | 6    | 953  |  |  |    |   |    | 16 |    |    |   |   |   | 0   |    | 953  | 953  | <b>975</b>  |   |
| Lesser Sand Plover#     |    |    |      | 1    |  |  |    |   |    |    |    |    |   |   |   | 0   |    | 1    | 1    | <b>1</b>    |   |
| Greater Sand Plover     |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Black-tailed Godwit#    |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 476 |    |      | 476  | <b>476</b>  |   |
| Bar-tailed Godwit       |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Whimbrel                |    |    | 1    |      |  |  |    |   | 21 |    |    |    |   |   |   | 0   |    | 1    | 1    | <b>22</b>   |   |
| Eurasian Curlew         |    |    | 30   | 1028 |  |  | 5  |   | 2  |    |    |    |   |   |   | 0   |    | 1033 | 1033 | <b>1065</b> |   |
| Far Eastern Curlew      |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Spotted Redshank        |    |    |      |      |  |  | 70 |   | 3  |    |    |    |   |   |   | 0   |    | 70   | 70   | <b>73</b>   |   |
| Common Redshank         |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Marsh Sandpiper#        |    |    |      | 1920 |  |  | 1  |   |    |    |    |    |   |   |   | 0   |    | 1921 | 1921 | <b>1921</b> |   |
| Common Greenshank       |    |    | 548  | 612  |  |  | 66 |   | 35 |    |    |    |   |   |   | 11  |    | 678  | 689  | <b>1272</b> |   |
| Nordmann's Greenshank#  |    |    |      | 1    |  |  |    |   |    |    |    |    |   |   |   | 0   |    | 1    | 1    | <b>1</b>    |   |
| Green Sandpiper         | 3  | 5  |      |      |  |  |    | 2 | 1  | 1  | 6  | 7  | 2 | 0 | 2 | 1   | 14 | 0    | 15   | <b>30</b>   |   |
| Wood Sandpiper          | 13 | 10 | 112  |      |  |  |    | 0 |    |    | 14 | 3  | 3 | 0 | 3 | 0   | 13 | 0    | 13   | <b>158</b>  |   |
| Terek Sandpiper         |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Common Sandpiper        | 3  | 7  | 5    |      |  |  | 1  | 1 | 2  | 3  | 10 | 10 | 5 | 6 | 6 | 0   | 28 | 1    | 29   | <b>59</b>   | 1 |
| Grey-tailed Tattler     |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Ruddy Turnstone         |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Red-necked Phalarope    |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Pintail Snipe           |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Swinhoe's Snipe         |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Pintail/Swinhoe's Snipe |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Common Snipe            | 3  | 1  |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>4</b>    |   |
| Long-billed Dowitcher   |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Asian Dowitcher         |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Red Knot                |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Great Knot#             |    |    |      | 21   |  |  |    |   |    |    |    |    |   |   |   | 0   |    | 21   | 21   | <b>21</b>   |   |
| Sanderling              |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Red-necked Stint        |    |    |      | 10   |  |  |    |   |    |    |    |    |   |   |   | 0   |    | 10   | 10   | <b>10</b>   |   |
| Little Stint            |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Temminck's Stint#       | 1  |    |      | 24   |  |  |    |   |    |    |    |    |   |   |   | 0   |    | 24   | 24   | <b>25</b>   |   |
| Long-toed Stint         |    |    | 2    | 1    |  |  |    |   |    |    |    |    |   |   |   | 0   |    | 1    | 1    | <b>3</b>    |   |
| Pectoral Sandpiper      |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Sharp-tailed Sandpiper  |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Dunlin#                 |    |    |      | 1175 |  |  |    |   |    |    |    |    |   |   |   | 0   |    | 1175 | 1175 | <b>1175</b> |   |
| Curlew Sandpiper        |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |
| Spoon-billed Sandpiper  |    |    |      |      |  |  |    |   |    |    |    |    |   |   |   | 0   |    |      | 0    | <b>0</b>    |   |



Summary of Waterbird Count, February 2009

| SPECIES                 | SRA | SRB | DBA   | DBB  | DBC | DBD | DBE | DBF (TBT) | WEP | NW / LFS | TKC | LC  | TSW | MPST | ST | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|-------|------|-----|-----|-----|-----------|-----|----------|-----|-----|-----|------|----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe            | 25  | 19  | 8     |      |     |     |     | 44        | 3   |          | 40  | 0   | 12  | 8    | 12 | 28   | 78           | 0                       | 106         | 199           | 5              |
| Great Crested Grebe     |     |     | 48    | 61   | 21  | 34  | 5   |           |     | 41       |     |     |     |      |    | 0    |              | 121                     | 121         | 210           |                |
| Great Cormorant         | 0   | 378 | 80    | 5    |     |     |     | 165       | 172 |          | 79  | 201 | 41  | 195  | 66 | 4867 | 563          | 5                       | 5435        | 6249          | 340            |
| Dalmatian Pelican       |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Grey Heron              | 143 | 24  | 271   | 5    |     | 15  | 91  | 9         | 172 | 5        | 10  | 17  | 1   | 4    | 5  | 313  | 29           | 112                     | 454         | 1085          | 40             |
| Purple Heron            |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 2    |              |                         | 2           | 2             |                |
| Great Egret             | 9   | 17  | 190   | 43   | 28  | 16  | 51  | 5         | 17  | 4        | 29  | 9   | 2   | 2    | 19 | 123  | 16           | 139                     | 278         | 564           | 98             |
| Intermediate Egret      | 2   | 0   |       | 18   |     |     |     | 0         |     |          | 0   | 0   | 0   | 0    | 1  | 1    | 0            | 18                      | 19          | 22            | 1              |
| Little Egret            | 89  | 4   | 964   | 75   | 13  | 45  | 161 | 20        | 16  | 50       | 276 | 38  | 55  | 11   | 82 | 177  | 140          | 294                     | 611         | 2076          | 45             |
| Swinhoe's Egret         |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Cattle Egret            | 0   | 0   |       |      |     |     |     | 2         |     |          | 21  | 7   | 17  | 24   | 10 | 0    | 50           | 0                       | 50          | 81            |                |
| Chinese Pond Heron      | 3   | 19  | 38    |      |     |     |     | 1         | 2   |          | 25  | 3   | 0   | 8    | 34 | 15   | 20           | 0                       | 35          | 148           | 8              |
| Striated Heron          | 0   | 0   |       |      |     |     |     | 0         |     |          | 0   | 0   | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| B-c Night Heron         | 0   | 0   |       |      |     |     |     | 0         |     |          | 0   | 0   | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             | 45             |
| Yellow Bittern          | 0   | 0   |       |      |     |     |     | 0         |     |          | 0   | 0   | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Cinnamon Bittern        |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Bittern           |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black Stork             |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |       |      |     |     |     |           | 1   |          |     |     |     |      |    | 0    |              |                         | 0           | 1             |                |
| Black-faced Spoonbill   | 3   |     | 40    |      |     |     | 10  |           | 24  | 1        | 1   |     |     |      |    | 326  |              | 10                      | 336         | 405           |                |
| Common Shelduck         |     |     |       | 7    |     |     |     |           |     |          |     |     |     |      |    | 0    |              | 7                       | 7           | 7             |                |
| Eurasian Wigeon         | 55  | 0   | 2164  | 1080 |     | 480 | 80  | 0         | 59  | 400      | 8   | 0   | 0   | 0    | 0  | 113  | 0            | 1640                    | 1753        | 4439          |                |
| Falcated Duck           |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 2    |              |                         | 2           | 2             |                |
| Baikal Teal             |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Common Teal             | 60  | 0   | 1080  | 361  |     | 16  |     | 0         | 2   |          | 0   | 0   | 0   | 0    | 0  | 62   | 0            | 377                     | 439         | 1581          | 25             |
| Mallard                 |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 1    |              |                         | 1           | 1             |                |
| Spot-billed Duck        |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 8    |              |                         | 8           | 8             |                |
| Chinese Spotbill        |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Burmese Spotbill        |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Northern Pintail        |     |     | 106   | 214  |     | 6   |     |           |     |          |     |     |     |      |    | 0    |              | 220                     | 220         | 326           |                |
| Garganey                |     |     |       |      |     |     |     |           | 12  |          |     |     |     |      |    | 0    |              |                         | 0           | 12            |                |
| Northern Shoveler       | 1   |     | 5001  | 882  |     |     |     |           |     |          |     |     |     |      |    | 29   |              | 882                     | 911         | 5913          |                |
| Common Pochard          |     |     | 2     |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 2             |                |
| Baer's Pochard          |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Tufted Duck             |     |     | 6680  |      |     | 30  |     | 24        |     |          |     |     |     |      |    | 8    |              | 30                      | 38          | 6742          |                |
| Greater Scaup           |     |     | 7     |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 7             |                |
| Red-breasted Merganser  |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Duck sp.                |     |     | 18650 |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 18650         |                |
| Slaty-breasted Rail     |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Water Rail              |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |
| Ruddy-breasted Crake    |     |     |       |      |     |     |     |           |     | 1        |     |     |     |      |    | 0    |              |                         | 0           | 1             |                |
| White-breasted Waterhen | 7   | 3   | 6     | 2    |     |     |     | 0         | 1   | 1        | 5   | 0   | 2   | 0    | 3  | 0    | 3            | 2                       | 5           | 30            | 5              |
| Watercock               |     |     |       |      |     |     |     |           |     |          |     |     |     |      |    | 0    |              |                         | 0           | 0             |                |

|                         |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   |     |      |      |      |              |    |
|-------------------------|---|----|-------|-------|--|--|--|----|----|----|----|---|---|---|---|-----|------|------|------|--------------|----|
| Common Moorhen          | 4 | 11 | 6     |       |  |  |  | 13 | 25 |    | 10 | 0 | 0 | 6 | 4 | 26  | 15   | 0    | 41   | <b>105</b>   | 18 |
| Eurasian Coot           |   | 1  | 270   |       |  |  |  |    |    |    |    |   |   |   |   | 8   |      |      | 8    | <b>279</b>   |    |
| Pheasant-tailed Jacana  |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Greater Painted Snipe   |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Black-winged Stilt      |   |    | 355   |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>355</b>   |    |
| Pied Avocet             |   |    | 13061 | 6280* |  |  |  |    |    |    |    |   |   |   |   | 0   | 6280 | 6280 | 6280 | <b>13061</b> |    |
| Oriental Pratincole     |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Northern Lapwing        |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Grey-headed Lapwing     |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Pacific Golden Plover   |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Grey Plover#            |   |    |       | 582   |  |  |  |    |    |    |    |   |   |   |   | 0   | 582  | 582  | 582  | <b>582</b>   |    |
| Common Ringed Plover    |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Little Ringed Plover    | 2 | 0  | 200   | 60    |  |  |  | 17 | 1  | 16 | 9  | 8 | 0 | 0 | 2 | 0   | 25   | 60   | 85   | <b>315</b>   | 3  |
| Kentish Plover          |   |    | 120   |       |  |  |  |    |    | 1  |    |   |   |   |   | 0   |      |      | 0    | <b>121</b>   |    |
| Lesser Sand Plover      |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Greater Sand Plover     |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Black-tailed Godwit#    |   |    | 780   | 496*  |  |  |  |    |    |    |    |   |   |   |   | 0   | 496  | 496  | 496  | <b>780</b>   |    |
| Bar-tailed Godwit#      |   |    |       | 1     |  |  |  |    |    |    |    |   |   |   |   | 0   |      | 1    | 1    | <b>1</b>     |    |
| Whimbrel                |   |    |       | 1     |  |  |  |    | 30 |    |    |   |   |   |   | 0   |      | 1    | 1    | <b>31</b>    |    |
| Eurasian Curlew#        |   |    | 142*  | 835   |  |  |  |    | 2  |    |    |   |   |   |   | 0   | 835  | 835  | 835  | <b>837</b>   | 1  |
| Far Eastern Curlew#     |   |    |       | 2     |  |  |  |    |    |    |    |   |   |   |   | 0   | 2    | 2    | 2    | <b>2</b>     |    |
| Spotted Redshank        |   |    | 300*  |       |  |  |  | 61 |    |    |    |   |   |   |   | 620 |      | 620  | 620  | <b>681</b>   |    |
| Common Redshank#        |   |    |       | 305   |  |  |  |    |    |    |    |   |   |   |   | 0   | 305  | 305  | 305  | <b>305</b>   |    |
| Marsh Sandpiper         |   |    | 765*  | 2310  |  |  |  |    |    |    |    |   |   |   |   | 0   | 2310 | 2310 | 2310 | <b>2310</b>  |    |
| Common Greenshank#      |   |    | 555*  | 570   |  |  |  | 45 | 20 |    |    |   |   |   |   | 14  | 570  | 584  | 649  | <b>649</b>   |    |
| Nordmann's Greenshank   |   |    |       | 1     |  |  |  |    |    |    |    |   |   |   |   | 0   | 1    | 1    | 1    | <b>1</b>     |    |
| Green Sandpiper         | 5 | 2  |       |       |  |  |  | 3  | 1  |    | 3  | 3 | 3 | 0 | 3 | 0   | 12   | 0    | 12   | <b>23</b>    |    |
| Wood Sandpiper          | 2 | 10 | 29    |       |  |  |  | 4  |    |    | 8  | 1 | 0 | 1 | 0 | 0   | 12   | 0    | 12   | <b>55</b>    | 1  |
| Terek Sandpiper         |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Common Sandpiper        | 2 | 5  | 8     |       |  |  |  | 5  |    | 4  | 8  | 3 | 1 | 3 | 7 | 0   | 17   | 0    | 17   | <b>46</b>    |    |
| Grey-tailed Tattler     |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Ruddy Turnstone         |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Red-necked Phalarope    |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Pintail Snipe           |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Swinhoe's Snipe         |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Pintail/Swinhoe's Snipe |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 1   |      |      | 1    | <b>1</b>     |    |
| Common Snipe            | 1 |    |       |       |  |  |  |    |    |    |    |   |   | 1 | 1 | 1   | 1    | 2    | 3    | <b>3</b>     | 4  |
| Long-billed Dowitcher   |   |    | 2     |       |  |  |  |    |    |    |    |   |   |   |   | 3   | 2    | 5    | 5    | <b>5</b>     |    |
| Asian Dowitcher         |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Red Knot                |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Great Knot              |   |    |       | 32    |  |  |  |    |    |    |    |   |   |   |   | 0   | 32   | 32   | 32   | <b>32</b>    |    |
| Sanderling              |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Red-necked Stint        |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Little Stint            |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Temminck's Stint        | 1 |    |       | 1     |  |  |  |    |    |    |    |   |   |   |   | 0   | 1    | 1    | 2    | <b>2</b>     |    |
| Long-toed Stint         |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Pectoral Sandpiper      |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Sharp-tailed Sandpiper  |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Dunlin                  |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Curlew Sandpiper        |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |
| Spoon-billed Sandpiper  |   |    |       |       |  |  |  |    |    |    |    |   |   |   |   | 0   |      |      | 0    | <b>0</b>     |    |

|   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
|---|----------------------|-------------|--------------------|--------------|------------|------------|------------|------------------|------------|---------------|------------|------------|------------|-------------|------------|-------------|---------------------|--------------------------|--------------------|----------------------|-----------------------|
| Broad-billed Sandpiper  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 0                  |                      |                       |
| Ruff  |                      |             |                    | 1            |            |            |            |                  |            |               |            |            |            |             |            | 0           | 1                   | 1                        | 1                  |                      |                       |
| Small wader spp.  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 0                  |                      |                       |
| Wader sp.   |                      |             | 3870               |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 3870               |                      |                       |
| Black-tailed Gull   |                      |             |                    | 1            |            |            |            |                  |            |               |            |            |            |             |            | 0           | 1                   | 1                        | 1                  |                      |                       |
| Mew Gull#   |                      |             |                    | 1            |            |            |            |                  |            |               |            |            |            |             |            | 0           | 1                   | 1                        | 1                  |                      |                       |
| Heuglin's Gull  |                      |             |                    | 212          |            |            |            |                  |            |               |            |            |            |             |            | 0           | 212                 | 212                      | 212                |                      |                       |
| Yellow-legged Gull  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 0                  |                      |                       |
| Slaty-backed Gull   |                      |             |                    | 1            |            |            |            |                  |            |               |            |            |            |             |            | 0           | 1                   | 1                        | 1                  |                      |                       |
| Pallas's Gull   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 0                  |                      |                       |
| Large Gull spp.   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 0                  |                      |                       |
| Brown-headed Gull   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 0                  |                      |                       |
| Black-headed Gull   | 0                    | 0           | 348                | 3819         |            |            |            | 200              |            | 130           | 1          | 175        | 0          | 0           | 0          | 0           | 176                 | 4019                     | 4195               | 4673                 |                       |
| Saunders's Gull   |                      |             |                    | 47           |            |            |            |                  |            |               |            |            |            |             |            | 0           | 47                  | 47                       | 47                 |                      |                       |
| Whiskered Tern  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 0                  |                      |                       |
| White-winged Tern   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 0                  |                      |                       |
| Gull-billed Tern  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     | 0                        | 0                  |                      |                       |
| Caspian Tern  |                      |             |                    | 4            |            |            |            |                  |            |               |            |            |            |             |            | 0           | 4                   | 4                        | 4                  |                      |                       |
| <b>Total</b>  | <b>414</b>           | <b>493</b>  | <b>54382</b>       | <b>11541</b> | <b>62</b>  | <b>642</b> | <b>398</b> | <b>512</b>       | <b>614</b> | <b>706</b>    | <b>533</b> | <b>465</b> | <b>134</b> | <b>263</b>  | <b>248</b> | <b>6748</b> | <b>1157</b>         | <b>19621</b>             | <b>27526</b>       | <b>78155</b>         | <b>639</b>            |
|   | <b>Deep Bay Area</b> | <b>%</b>    | <b>Ramsar Site</b> | <b>%</b>     | <b>SW</b>  | <b>SI</b>  |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| <b>Cormorants</b>   | <b>6249</b>          | <b>8.0</b>  | <b>5435</b>        | <b>19.7</b>  | <b>0</b>   | <b>340</b> |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| <b>Ardeids etc</b>  | <b>4384</b>          | <b>5.6</b>  | <b>1785</b>        | <b>6.5</b>   | <b>0</b>   | <b>237</b> |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| <b>Ducks, grebes, pelicans</b>  | <b>38099</b>         | <b>48.7</b> | <b>3606</b>        | <b>13.1</b>  | <b>0</b>   | <b>30</b>  |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| <b>Rails, Coot etc</b>  | <b>415</b>           | <b>0.5</b>  | <b>54</b>          | <b>0.2</b>   | <b>0</b>   | <b>23</b>  |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| <b>Waders</b>   | <b>24069</b>         | <b>30.8</b> | <b>12185</b>       | <b>44.3</b>  | <b>0</b>   | <b>9</b>   |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| <b>Gulls and terns</b>  | <b>4939</b>          | <b>6.3</b>  | <b>4461</b>        | <b>16.2</b>  | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| <b>TOTAL</b>  | <b>78155</b>         |             | <b>27526</b>       |              | <b>0</b>   | <b>639</b> |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| Date of count: 15 Feb 2009  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| n/c = site not counted High tide measured at TBT:   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| # indicates count consists of or includes a count made up to one week either side of the count date     |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| % = count made at evening roost   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| * indicates count that is not included in the total because of possibly being involved in other counts. |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| <b>Wetland-dependant species</b>  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                          |                    |                      |                       |
| <b>Species</b>  | <b>SRA</b>           | <b>SRB</b>  | <b>DBA</b>         | <b>DBB</b>   | <b>DBC</b> | <b>DBD</b> | <b>DBE</b> | <b>DBF (TBT)</b> | <b>WEP</b> | <b>NW/LFS</b> | <b>TKC</b> | <b>LC</b>  | <b>TSW</b> | <b>MPST</b> | <b>ST</b>  | <b>MPNR</b> | <b>Ramsar ponds</b> | <b>Ramsar intertidal</b> | <b>Ramsar Site</b> | <b>DEEP BAY AREA</b> | <b>Starling Inlet</b> |
| Osprey  |                      |             | 5                  | 6            | 1          | 2          | 1          | 1                |            |               |            |            |            |             |            | 1           | 1                   |                          | 2                  | 17                   | 1                     |
| Black Kite  | 1                    | 3           | 16                 | 1            |            | 1          |            | 3                |            |               | 2          | 2          | 1          | 2           | 6          | 1           | 10                  | 2                        | 13                 | 39                   |                       |
| White-bellied Sea Eag   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     |                          | 0                  | 0                    |                       |
| Eastern Marsh Harrier   |                      |             | 2                  | 2            |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     |                          | 0                  | 4                    |                       |
| Common Buzzard  |                      |             |                    |              |            |            |            | 1                | 1          |               |            | 1          |            |             |            | 1           | 1                   |                          | 2                  | 4                    | 1                     |
| Greater Spotted Eagle   | 1                    | 0           |                    |              |            |            |            | 0                |            |               | 0          | 1          | 0          | 0           | 0          | 1           | 1                   | 0                        | 2                  | 3                    |                       |
| Imperial Eagle  | 0                    | 0           |                    | 1            |            |            |            | 0                |            |               | 0          | 0          | 0          | 0           | 0          | 1           | 0                   | 1                        | 2                  | 2                    |                       |
| Peregrine Falcon  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     |                          | 0                  | 0                    |                       |
| Pied Kingfisher   | 0                    | 0           | 1                  |              |            |            | 1          | 1                |            |               | 1          | 0          | 0          | 0           | 1          | 1           | 1                   | 1                        | 3                  | 6                    | 2                     |
| Common Kingfisher   | 1                    | 3           | 2                  |              |            | 1          |            | 3                | 1          |               | 3          | 0          | 3          | 6           | 3          | 0           | 13                  | 1                        | 14                 | 26                   | 2                     |
| White-throated Kingfisher   | 1                    | 3           | 7                  |              |            |            |            | 2                |            |               | 1          | 0          | 1          | 1           | 1          | 1           | 4                   | 0                        | 5                  | 18                   | 2                     |
| Black-capped Kingfisher   | 0                    | 0           | 2                  |              |            |            |            | 0                |            |               | 0          | 0          | 0          | 0           | 0          | 0           | 0                   | 0                        | 0                  | 2                    | 1                     |
| Red-billed Starling   | 80                   | 35          | 5                  |              |            |            |            | 0                |            |               | 1          | 185        | 2          | 18          | 0          | 0           | 206                 | 0                        | 206                | 326                  |                       |
| Collared Crow   | 0                    | 0           |                    |              |            |            |            | 1                |            |               | 0          | 2          | 1          | 0           | 0          | 4           | 4                   | 0                        | 8                  | 8                    |                       |

Summary of Waterbird Count, March 2009

| SPECIES                 | SRA | SRB | DBA  | DBB  | DBC | DBD | DBE | DBF (TBT) | WEP | NW / LFS | TKC | LC  | TSW | MPST | ST  | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|------|-----|-----|-----|-----------|-----|----------|-----|-----|-----|------|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe            | 21  | 20  | 7    |      |     |     |     | 42        | 5   |          | 26  | 1   | 11  | 7    | 12  | 37   | 58           | 0                       | 95          | 189           |                |
| Great Crested Grebe     |     |     | 63   |      |     | 2   | 2   |           |     |          |     |     |     |      |     | 0    |              | 4                       | 4           | 67            |                |
| Great Cormorant         | 122 | 143 | 1122 | 100  |     |     |     | 102       | 98  | 30       | 47  | 213 | 16  | 59   | 16  | 2323 | 400          | 100                     | 2823        | 4391          |                |
| Dalmatian Pelican       |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Grey Heron              | 23  | 2   | 81   | 7    |     |     |     | 8         | 6   | 57       | 13  | 6   | 8   | 1    | 5   | 0    | 232          | 25                      | 16          | 273           | 449            |
| Purple Heron            |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 1    |              |                         | 1           | 1             |                |
| Great Egret             | 41  | 26  | 79   | 77   | 18  | 6   | 22  | 10        | 2   | 60       | 29  | 9   | 13  | 2    | 8   | 31   | 40           | 125                     | 196         | 433           |                |
| Intermediate Egret      | 2   | 0   |      | 19   |     |     |     | 1         | 1   |          | 2   | 0   | 5   | 0    | 0   | 7    | 8            | 19                      | 34          | 37            |                |
| Little Egret            | 125 | 50  | 227  | 70   | 37  | 2   | 135 | 52        | 6   | 40       | 83  | 12  | 27  | 35   | 34  | 75   | 157          | 258                     | 490         | 1010          |                |
| Swinhoe's Egret         |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Cattle Egret            | 4   | 0   | 3    |      |     |     |     | 1         |     |          | 1   | 5   | 25  | 18   | 10  | 0    | 49           | 0                       | 49          | 67            |                |
| Chinese Pond Heron      | 11  | 9   | 12   | 5    |     |     | 2   | 3         | 1   |          | 25  | 5   | 13  | 14   | 12  | 8    | 54           | 7                       | 69          | 120           |                |
| Striated Heron          | 0   | 0   |      |      |     |     |     | 0         |     |          | 0   | 0   | 0   | 0    | 0   | 0    | 0            | 0                       | 0           | 0             |                |
| B-c Night Heron         | 0   | 0   | 1    |      |     |     |     | 0         |     |          | 0   | 0   | 0   | 0    | 0   | 0    | 0            | 0                       | 0           | 1             |                |
| Yellow Bittern          | 0   | 0   |      |      |     |     |     | 0         |     |          | 0   | 0   | 0   | 0    | 0   | 0    | 0            | 0                       | 0           | 0             |                |
| Cinnamon Bittern        |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Great Bittern           |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Black Stork             |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |      |      |     |     | 1   |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 1             |                |
| Black-faced Spoonbill   | 25  |     | 55   | 2    |     |     | 14  |           | 23  |          | 25* |     |     |      | 15* | 126  |              | 16                      | 142         | 245           |                |
| Common Shelduck         |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Eurasian Wigeon         | 0   | 0   | 906  | 1068 | 2   | 11  | 33  | 0         | 69  |          | 0   | 0   | 0   | 0    | 0   | 239  | 0            | 1114                    | 1353        | 2328          |                |
| Falcated Duck           |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Baikal Teal             |     |     |      | 1    |     |     |     |           |     |          |     |     |     |      |     | 0    |              | 1                       | 1           | 1             |                |
| Common Teal             | 0   | 1   | 520  | 75   |     |     | 2   | 0         | 4   |          | 0   | 0   | 0   | 0    | 0   | 5    | 0            | 77                      | 82          | 607           |                |
| Mallard                 |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 14   |              |                         | 14          | 14            |                |
| Burmese Spotbill        |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Northern Pintail        |     |     | 18   | 39   |     |     |     |           |     |          |     |     |     |      |     | 1    |              | 39                      | 40          | 58            |                |
| Garganey                |     |     | 6    | 33   |     |     |     |           | 36  |          |     |     |     |      |     | 0    |              | 33                      | 33          | 75            |                |
| Northern Shoveler       |     |     | 1826 | 630  | 12  |     | 2   |           |     |          |     |     |     |      |     | 181  |              | 644                     | 825         | 2651          |                |
| Common Pochard          |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Baer's Pochard          |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Tufted Duck             |     |     | 1800 |      |     |     |     | 15        |     |          |     |     |     |      |     | 20   |              |                         | 20          | 1835          |                |
| Greater Scaup           |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Duck sp.                |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Slaty-breasted Rail     |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| Water Rail              |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 2   | 2   | 2    |      |     |     |     | 2         |     |          | 1   | 1   | 2   | 0    | 3   | 0    | 2            | 0                       | 2           | 15            |                |
| Watercock               |     |     |      |      |     |     |     |           |     |          |     |     |     |      |     | 0    |              |                         | 0           | 0             |                |

|                         |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   |     |    |      |      |             |
|-------------------------|---|----|-----|------|------|--|--|----|----|---|----|---|---|---|---|-----|----|------|------|-------------|
| Common Moorhen          | 3 | 13 | 10  |      |      |  |  | 3  | 15 |   | 5  | 0 | 0 | 2 | 2 | 11  | 7  | 0    | 18   | <b>64</b>   |
| Eurasian Coot           |   |    | 11  |      |      |  |  |    |    |   |    |   |   |   |   | 1   |    |      | 1    | <b>12</b>   |
| Pheasant-tailed Jacana  |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Greater Painted Snipe   |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Black-winged Stilt      |   |    | 697 | 14   |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 14   | 14   | <b>711</b>  |
| Pied Avocet             |   |    | 3   | 6951 |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 6951 | 6951 | <b>6954</b> |
| Oriental Pratincole     |   | 2  |     | 1    |      |  |  |    |    |   |    |   | 2 |   |   | 0   | 2  | 1    | 3    | <b>5</b>    |
| Northern Lapwing        |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Grey-headed Lapwing     |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Pacific Golden Plover   |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Grey Plover             |   |    |     | 51   |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 51   | 51   | <b>51</b>   |
| Common Ringed Plover    |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Little Ringed Plover    | 1 | 14 | 3   |      |      |  |  | 16 | 4  |   | 17 | 0 | 0 | 0 | 0 | 0   | 20 | 0    | 20   | <b>55</b>   |
| Kentish Plover          |   |    | 22  |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>22</b>   |
| Lesser Sand Plover      |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Greater Sand Plover     |   |    |     | 2    |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 2    | 2    | <b>2</b>    |
| Black-tailed Godwit     |   |    |     | 627  |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 627  | 627  | <b>627</b>  |
| Bar-tailed Godwit       |   |    |     | 1    |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 1    | 1    | <b>1</b>    |
| Whimbrel                |   |    |     | 1    |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 1    | 1    | <b>1</b>    |
| Eurasian Curlew         |   |    |     | 441  |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 441  | 441  | <b>441</b>  |
| Far Eastern Curlew      |   |    |     | 1    |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 1    | 1    | <b>1</b>    |
| Spotted Redshank        |   |    |     | 396  |      |  |  |    |    |   |    |   |   |   |   | 4   |    | 396  | 400  | <b>400</b>  |
| Common Redshank         |   |    |     | 147  | 70   |  |  |    |    |   |    |   |   |   |   | 0   |    | 70   | 70   | <b>217</b>  |
| Marsh Sandpiper         |   |    |     | 1    | 2062 |  |  |    |    |   |    |   |   |   |   | 7   |    | 2062 | 2069 | <b>2070</b> |
| Common Greenshank       |   |    |     | 119  |      |  |  |    | 73 |   |    |   |   |   |   | 231 |    |      | 231  | <b>423</b>  |
| Nordmann's Greenshank   |   |    |     | 3    |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 3    | 3    | <b>3</b>    |
| Green Sandpiper         | 7 | 10 |     |      |      |  |  | 1  | 2  |   | 3  | 1 | 3 | 1 | 1 | 0   | 9  | 0    | 9    | <b>29</b>   |
| Wood Sandpiper          | 1 | 19 | 10  |      |      |  |  | 1  | 5  |   | 9  | 2 | 0 | 1 | 2 | 0   | 4  | 0    | 4    | <b>50</b>   |
| Terek Sandpiper         |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Common Sandpiper        | 2 | 12 | 4   |      |      |  |  | 1  | 3  | 2 | 12 | 7 | 5 | 2 | 6 | 1   | 26 | 1    | 28   | <b>57</b>   |
| Grey-tailed Tattler     |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Ruddy Turnstone         |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Red-necked Phalarope    |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Pintail Snipe           |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Swinhoe's Snipe         |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Pintail/Swinhoe's Snipe |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Common Snipe            |   | 3  |     |      |      |  |  |    |    |   | 1  |   |   |   |   | 0   |    |      | 0    | <b>4</b>    |
| Long-billed Dowitcher   |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Asian Dowitcher         |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Red Knot                |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Great Knot              |   |    |     | 35   |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 35   | 35   | <b>35</b>   |
| Sanderling              |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Red-necked Stint        |   |    |     | 10   |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>10</b>   |
| Little Stint            |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Temminck's Stint#       |   |    |     | 30   |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 30   | 30   | <b>30</b>   |
| Long-toed Stint         |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Pectoral Sandpiper      |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Sharp-tailed Sandpiper  |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Dunlin                  |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |
| Curlew Sandpiper        |   |    |     | 20   |      |  |  |    |    |   |    |   |   |   |   | 0   |    | 20   | 20   | <b>20</b>   |
| Spoon-billed Sandpiper  |   |    |     |      |      |  |  |    |    |   |    |   |   |   |   | 0   |    |      | 0    | <b>0</b>    |

|   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
|---|----------------------|-------------|--------------------|--------------|------------|------------|------------|------------------|------------|---------------|------------|------------|------------|-------------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|
| Broad-billed Sandpiper  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| Ruff  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| Small wader spp.  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| Wader sp.   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| Black-tailed Gull   |                      |             |                    | 1            |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                | 1                  | 1                    | 1                     |  |
| Mew Gull  |                      |             |                    | 1            |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                | 1                  | 1                    | 1                     |  |
| Heuglin's Gull  |                      |             |                    | 128          |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                | 128                | 128                  | 128                   |  |
| Yellow-legged Gull  |                      |             |                    | 3            |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                | 3                  | 3                    | 3                     |  |
| Slaty-backed Gull   |                      |             |                    | 1            |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                | 1                  | 1                    | 1                     |  |
| Pallas's Gull   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| Large Gull spp.   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| Brown-headed Gull   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| Black-headed Gull   | 0                    | 0           | 1435               | 3300         | 660        | 60         |            | 0                |            |               | 0          | 15         | 0          | 0           | 0          | 0           | 13                  | 4020                           | 4033               | 5470                 |                       |  |
| Saunders's Gull   |                      |             |                    | 16           |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                | 16                 | 16                   | 16                    |  |
| Whiskered Tern  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| White-winged Tern   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| Gull-billed Tern  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                |                    | 0                    | 0                     |  |
| Caspian Tern  |                      |             |                    | 5            |            |            |            |                  |            |               |            |            |            |             |            |             | 0                   |                                | 5                  | 5                    | 5                     |  |
| <b>Total</b>  | <b>390</b>           | <b>326</b>  | <b>9200</b>        | <b>16287</b> | <b>729</b> | <b>82</b>  | <b>221</b> | <b>258</b>       | <b>403</b> | <b>143</b>    | <b>267</b> | <b>279</b> | <b>123</b> | <b>146</b>  | <b>106</b> | <b>3555</b> | <b>874</b>          | <b>17335</b>                   | <b>21764</b>       | <b>32515</b>         | <b>0</b>              |  |
|   | <b>Deep Bay Area</b> | <b>%</b>    | <b>Ramsar Site</b> | <b>%</b>     | <b>SW</b>  | <b>SI</b>  |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| <b>Cormorants</b>   | <b>4391</b>          | <b>13.5</b> | <b>2823</b>        | <b>13.0</b>  | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| <b>Ardeids etc</b>  | <b>2364</b>          | <b>7.3</b>  | <b>1254</b>        | <b>5.8</b>   | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| <b>Ducks, grebes, pelicans</b>  | <b>7825</b>          | <b>24.1</b> | <b>2467</b>        | <b>11.3</b>  | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| <b>Rails, Coot etc</b>  | <b>91</b>            | <b>0.3</b>  | <b>21</b>          | <b>0.1</b>   | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| <b>Waders</b>   | <b>12219</b>         | <b>37.6</b> | <b>11011</b>       | <b>50.6</b>  | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| <b>Gulls and terns</b>  | <b>5625</b>          | <b>17.3</b> | <b>4188</b>        | <b>19.2</b>  | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| <b>TOTAL</b>  | <b>32515</b>         |             | <b>21764</b>       |              | <b>0</b>   | <b>0</b>   |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| Date of count: 15 Mar 2009  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| n/c = site not counted  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| High tide measured at TBT:  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| # indicates count consists of or includes a count made up to one week either side of the count date |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| % = count made at evening roost   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
|   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| <b>Wetland-dependant species</b>  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            |             |                     |                                |                    |                      |                       |  |
| <b>Species</b>  | <b>SRA</b>           | <b>SRB</b>  | <b>DBA</b>         | <b>DBB</b>   | <b>DBC</b> | <b>DBD</b> | <b>DBE</b> | <b>DBF (TBT)</b> | <b>WEP</b> | <b>NW/LFS</b> | <b>TKC</b> | <b>LC</b>  | <b>TSW</b> | <b>MPST</b> | <b>ST</b>  | <b>MPNR</b> | <b>Ramsar ponds</b> | <b>Ramsar intertidal areas</b> | <b>Ramsar Site</b> | <b>DEEP BAY AREA</b> | <b>Starling Inlet</b> |  |
| Osprey  |                      |             | 2                  | 4            |            |            |            | 1                |            |               |            |            |            |             |            | 0           | 1                   |                                | 1                  | 7                    |                       |  |
| Black Kite  | 15                   | 7           | 2                  | 3            |            |            |            | 5                |            |               | 4          | 2          | 0          | 2           | 8          | 14          | 13                  | 3                              | 30                 | 62                   |                       |  |
| White-bellied Sea Eag   |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     |                                | 0                  | 0                    |                       |  |
| Eastern Marsh Harrier   |                      | 1           |                    | 1            |            |            |            |                  |            |               |            |            |            |             |            | 1           |                     |                                | 1                  | 3                    |                       |  |
| Common Buzzard  |                      | 1           |                    |              |            |            | 1          | 1                | 1          |               |            |            |            |             |            | 4           | 1                   |                                | 5                  | 8                    |                       |  |
| Greater Spotted Eagle   | 1                    | 1           |                    |              |            |            |            | 0                |            |               | 0          | 0          | 0          | 0           | 0          | 0           | 0                   | 0                              | 0                  | 2                    |                       |  |
| Imperial Eagle  | 0                    | 0           |                    |              |            |            |            | 0                |            |               | 0          | 0          | 0          | 0           | 0          | 0           | 0                   | 0                              | 0                  | 0                    |                       |  |
| Peregrine Falcon  |                      |             |                    |              |            |            |            |                  |            |               |            |            |            |             |            | 0           |                     |                                | 0                  | 0                    |                       |  |
| Pied Kingfisher   | 0                    | 2           | 3                  |              |            |            |            | 0                |            |               | 0          | 0          | 0          | 2           | 1          | 0           | 2                   | 0                              | 2                  | 8                    |                       |  |
| Common Kingfisher   | 0                    | 6           | 1                  |              |            |            | 1          | 2                | 1          | 1             | 6          | 1          | 3          | 1           | 0          | 1           | 10                  | 1                              | 12                 | 24                   |                       |  |
| White-throated Kingfisher   | 2                    | 2           | 2                  |              |            |            | 1          | 0                |            |               | 2          | 0          | 2          | 1           | 2          | 0           | 3                   | 1                              | 4                  | 14                   |                       |  |
| Black-capped Kingfisher   | 0                    | 0           | 1                  | 1            |            |            |            | 0                |            |               | 0          | 0          | 0          | 0           | 0          | 0           | 0                   | 1                              | 1                  | 2                    |                       |  |
| Red-billed Starling   | 19                   | 0           |                    |              |            |            |            | 0                |            |               | 83         | 224        | 103        | 30          | 0          | 0           | 420                 | 0                              | 420                | 459                  |                       |  |
| Collared Crow   | 1                    | 0           |                    |              |            |            |            | 2                |            |               | 2          | 20         | 0          | 0           | 0          | 2           | 24                  | 0                              | 26                 | 27                   |                       |  |



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## Winter 2008-09 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

### *Appendices 2*



The Hong Kong Bird Watching Society Limited



Agriculture, Fisheries and Conservation Department

Summary of Waterbird Count during Low Tide, December 2008

| SPECIES                 | SRA | SRB | DBA  | DBB | DBC   | DBD | DBE | DBF (TBT) | NW / LFS | TKC | LC | TSW | MPST | ST | MPNR | Ramsar ponds | Ramsar intertidal | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|-----|-------|-----|-----|-----------|----------|-----|----|-----|------|----|------|--------------|-------------------|-------------|---------------|----------------|
| Little Grebe            | 0   | 0   |      |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 0             | 0              |
| Great Crested Grebe     |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Great Cormorant         | 0   | 0   | 6    |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 6             |                |
| Dalmatian Pelican       |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Grey Heron              | 0   | 0   | 109  |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 109           |                |
| Purple Heron            |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Great Egret             | 0   | 0   | 71   |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 71            |                |
| Intermediate Egret      | 0   | 0   | 1    |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 1             |                |
| Little Egret            | 0   | 0   | 51   |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 51            |                |
| Swinhoe's Egret         |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Pacific Reef Egret      |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Cattle Egret            | 0   | 0   |      |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 0             |                |
| Chinese Pond Heron      | 0   | 0   | 7    |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 7             |                |
| Striated Heron          | 0   | 0   |      |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 0             |                |
| B-c Night Heron         | 0   | 0   |      |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 0             |                |
| Yellow Bittern          | 0   | 0   |      |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 0             |                |
| Cinnamon Bittern        |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Great Bittern           |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Black Stork             |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Black-headed Ibis       |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Black-faced Spoonbill   |     |     | 23   |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 23            |                |
| Common Shelduck         |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Eurasian Wigeon         | 0   | 0   | 245  |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 245           |                |
| Falcated Duck           |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Gadwall                 |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Baikal Teal             |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Common Teal             | 0   | 0   | 450  |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 450           |                |
| Mallard                 |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Spot-billed Duck        |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Chinese Spotbill        |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Burmese Spotbill        |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Northern Pintail        |     |     | 4    |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 4             |                |
| Garganey                |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Northern Shoveler       |     |     | 68   |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 68            |                |
| Common Pochard          |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Baer's Pochard          |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Tufted Duck             |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Greater Scaup           |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Red-breasted Merganser  |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Duck sp.                |     |     | 9000 |     | 15500 |     |     |           |          |     |    |     |      |    | 0    |              | 15500             | 15500       | 24500         |                |
| Slaty-breasted Rail     |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Water Rail              |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| White-breasted Waterhen | 0   | 0   |      |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 0             |                |
| Watercock               |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |
| Common Moorhen          | 0   | 0   |      |     |       |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                 | 0           | 0             |                |
| Eurasian Coot           |     |     |      |     |       |     |     |           |          |     |    |     |      |    | 0    |              |                   | 0           | 0             |                |

|                         |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   |   |      |      |             |            |
|-------------------------|---|---|------|------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|------|------|-------------|------------|
| Pheasant-tailed Jacana  |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   | 0 |   |      | 0    | <b>0</b>    |            |
| Greater Painted Snipe   |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Black-winged Stilt      |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Pied Avocet             |   |   | 6800 | 1700 |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 | 1700 | 1700 | <b>8500</b> |            |
| Oriental Pratincole     |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Northern Lapwing        |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Grey-headed Lapwing     |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Pacific Golden Plover   |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Grey Plover             |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Common Ringed Plover    |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Little Ringed Plover    | 0 | 0 |      |      |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    | 0    | <b>0</b>    |            |
| Kentish Plover          |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Lesser Sand Plover      |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Greater Sand Plover     |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Black-tailed Godwit     |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Bar-tailed Godwit       |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Whimbrel                |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Eurasian Curlew         |   |   | 118  |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>118</b> |
| Far Eastern Curlew      |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Spotted Redshank        |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Common Redshank         |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Marsh Sandpiper         |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Common Greenshank       |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Nordmann's Greenshank   |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Green Sandpiper         | 0 | 0 |      |      |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    | 0    | <b>0</b>    |            |
| Wood Sandpiper          | 0 | 0 |      |      |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    | 0    | <b>0</b>    |            |
| Terek Sandpiper         |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Common Sandpiper        | 0 | 0 |      |      |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    | 0    | <b>0</b>    |            |
| Grey-tailed Tattler     |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Ruddy Turnstone         |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Red-necked Phalarope    |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Pintail Snipe           |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Swinhoe's Snipe         |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Pintail/Swinhoe's Snipe |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Common Snipe            |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Long-billed Dowitcher   |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Asian Dowitcher         |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Red Knot                |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Great Knot              |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Sanderling              |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Red-necked Stint        |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Little Stint            |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Temminck's Stint        |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Long-toed Stint         |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Pectoral Sandpiper      |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Sharp-tailed Sandpiper  |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Dunlin                  |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Curlew Sandpiper        |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Spoon-billed Sandpiper  |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Broad-billed Sandpiper  |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |
| Ruff                    |   |   |      |      |  |  |   |   |   |   |   |   |   |   |   |   |   | 0 |      |      | 0           | <b>0</b>   |

|   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
|---|----------------------|-------------|--------------------|-------------|--------------|------------|------------|------------------|-----------------|------------|-----------|------------|-------------|-----------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|
| Small wader spp.  |                      |             |                    |             | 4200         |            |            |                  |                 |            |           |            |             |           | 0           |                     | 4200                           | 4200               | 4200                 |                       |
| Wader sp.   |                      |             | 300                |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 300                  |                       |
| Black-tailed Gull   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Heuglin's Gull  |                      |             |                    |             | 58           |            |            |                  |                 |            |           |            |             |           | 0           |                     | 58                             | 58                 | 58                   |                       |
| Yellow-legged Gull  |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Slaty-backed Gull   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Pallas's Gull   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Large Gull spp.   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Brown-headed Gull   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Black-headed Gull   | 0                    | 0           | 200                |             | 3280         |            |            | 0                | 0               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 3280                           | 3280               | 3480                 |                       |
| Saunders's Gull   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Whiskered Tern  |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| White-winged Tern   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Gull-billed Tern  |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Caspian Tern  |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| <b>Total</b>  | <b>0</b>             | <b>0</b>    | <b>17453</b>       | <b>0</b>    | <b>24738</b> | <b>0</b>   | <b>0</b>   | <b>0</b>         | <b>0</b>        | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>0</b>    | <b>0</b>  | <b>0</b>    | <b>0</b>            | <b>24738</b>                   | <b>24738</b>       | <b>42191</b>         | <b>0</b>              |
|   | <b>Deep Bay Area</b> | <b>%</b>    | <b>Ramsar Site</b> | <b>%</b>    | <b>SW</b>    | <b>SI</b>  |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| <b>Cormorants</b>   | <b>6</b>             | <b>0.0</b>  | <b>0</b>           | <b>0.0</b>  | <b>0</b>     | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| <b>Ardeids etc</b>  | <b>262</b>           | <b>0.6</b>  | <b>0</b>           | <b>0.0</b>  | <b>0</b>     | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| <b>Ducks, grebes, pelicans</b>  | <b>25267</b>         | <b>59.9</b> | <b>15500</b>       | <b>62.7</b> | <b>0</b>     | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| <b>Rails, Coot etc</b>  | <b>0</b>             | <b>0.0</b>  | <b>0</b>           | <b>0.0</b>  | <b>0</b>     | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| <b>Waders</b>   | <b>13118</b>         | <b>31.1</b> | <b>5900</b>        | <b>23.8</b> | <b>0</b>     | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| <b>Gulls and terns</b>  | <b>3538</b>          | <b>8.4</b>  | <b>3338</b>        | <b>13.5</b> | <b>0</b>     | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| <b>TOTAL</b>  | <b>42191</b>         |             | <b>24738</b>       |             | <b>0</b>     | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| Date of count: 21 Dec 2008  |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| n/c = site not counted High tide measured at TBT:   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| # indicates count consists of or includes a count made up to one week either side of the count date |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| % = count made at evening roost   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| <b>Wetland-dependant species</b>  |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |
| <b>Species</b>  | <b>SRA</b>           | <b>SRB</b>  | <b>DBA</b>         | <b>DBB</b>  | <b>DBC</b>   | <b>DBD</b> | <b>DBE</b> | <b>DBF (TBT)</b> | <b>NW / LFS</b> | <b>TKC</b> | <b>LC</b> | <b>TSW</b> | <b>MPST</b> | <b>ST</b> | <b>MPNR</b> | <b>Ramsar ponds</b> | <b>Ramsar intertidal areas</b> | <b>Ramsar Site</b> | <b>DEEP BAY AREA</b> | <b>Starling Inlet</b> |
| Osprey  |                      |             | 1                  |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 1                    |                       |
| Black Kite  | 0                    | 0           | 1                  |             |              |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 1                    |                       |
| White-bellied Sea Eag   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Eastern Marsh Harrier   |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Common Buzzard  |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Greater Spotted Eagle   | 0                    | 0           |                    |             |              |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |
| Imperial Eagle  | 0                    | 0           |                    |             |              |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |
| Peregrine Falcon  |                      |             |                    |             |              |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |
| Pied Kingfisher   | 0                    | 0           |                    |             |              |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |
| Common Kingfisher   | 0                    | 0           |                    |             |              |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |
| White-throated Kingfisher   | 0                    | 0           | 2                  |             |              |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 2                    |                       |
| Black-capped Kingfisher   | 0                    | 0           | 1                  |             |              |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 1                    |                       |
| Red-billed Starling   | 0                    | 0           |                    |             |              |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |
| Collared Crow   | 0                    | 0           |                    |             |              |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |

Summary of Waterbird Count during Low Tide, January 2009

| SPECIES                 | SRA | SRB | DBA  | DBB | DBC  | DBD | DBE | DBF (TBT) | NW / LFS | TKC | LC | TSW | MPST | ST | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|-----|------|-----|-----|-----------|----------|-----|----|-----|------|----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe            | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Great Crested Grebe     |     |     | 18   |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 18            |                |
| Great Cormorant         | 0   | 0   | 32   |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 32            |                |
| Dalmatian Pelican       |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Grey Heron              | 0   | 0   | 81   |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 81            |                |
| Purple Heron            |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Egret             | 0   | 0   | 12   |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 12            |                |
| Intermediate Egret      | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Little Egret            | 0   | 0   | 31   |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 31            |                |
| Swinhoe's Egret         |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Cattle Egret            | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Chinese Pond Heron      | 0   | 0   | 4    |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 4             |                |
| Striated Heron          | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| B-c Night Heron         | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Yellow Bittern          | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Cinnamon Bittern        |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Bittern           |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black Stork             |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black-faced Spoonbill   |     |     | 9    |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 9             |                |
| Common Shelduck         |     |     |      |     | 1    |     |     |           |          |     |    |     |      |    | 0    |              | 1                       | 1           | 1             |                |
| Eurasian Wigeon         | 0   | 0   | 406  |     | 750  |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 750                     | 750         | 1156          |                |
| Falcated Duck           |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Baikal Teal             |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Common Teal             | 0   | 0   |      |     | 880  |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 880                     | 880         | 880           |                |
| Mallard                 |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Burmese Spotbill        |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Northern Pintail        |     |     | 400  |     | 1230 |     |     |           |          |     |    |     |      |    | 0    |              | 1230                    | 1230        | 1630          |                |
| Garganey                |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Northern Shoveler       |     |     | 603  |     | 1850 |     |     |           |          |     |    |     |      |    | 0    |              | 1850                    | 1850        | 2453          |                |
| Common Pochard          |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Baer's Pochard          |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Tufted Duck             |     |     | 1800 |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 1800          |                |
| Greater Scaup           |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Duck sp.                |     |     | 3000 |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 3000          |                |
| Slaty-breasted Rail     |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Water Rail              |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Watercock               |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |

|                         |   |   |      |  |      |  |  |   |   |   |   |   |   |   |   |      |      |      |
|-------------------------|---|---|------|--|------|--|--|---|---|---|---|---|---|---|---|------|------|------|
| Common Moorhen          | 0 | 0 |      |  |      |  |  | 0 |   | 0 | 0 | 0 | 0 | 0 | 0 | 0    | 0    | 0    |
| Eurasian Coot           |   |   | 283  |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 283  |
| Pheasant-tailed Jacana  |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Greater Painted Snipe   |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Black-winged Stilt      |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Pied Avocet             |   |   | 6100 |  | 2100 |  |  |   |   |   |   |   |   | 0 |   | 2100 | 2100 | 8200 |
| Oriental Pratincole     |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Northern Lapwing        |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Grey-headed Lapwing     |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Pacific Golden Plover   |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Grey Plover             |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Common Ringed Plover    |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Little Ringed Plover    | 0 | 0 |      |  |      |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    | 0    | 0    |
| Kentish Plover          |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Lesser Sand Plover      |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Greater Sand Plover     |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Black-tailed Godwit     |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Bar-tailed Godwit       |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Whimbrel                |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Eurasian Curlew         |   |   | 6    |  |      |  |  |   |   |   |   |   |   | 0 |   | 6    | 6    | 6    |
| Far Eastern Curlew      |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Spotted Redshank        |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Common Redshank         |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Marsh Sandpiper         |   |   | 81   |  |      |  |  |   |   |   |   |   |   | 0 |   | 81   | 81   | 81   |
| Common Greenshank       |   |   | 4    |  |      |  |  |   |   |   |   |   |   | 0 |   | 4    | 4    | 4    |
| Nordmann's Greenshank   |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Green Sandpiper         | 0 | 0 |      |  |      |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    | 0    | 0    |
| Wood Sandpiper          | 0 | 0 |      |  |      |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    | 0    | 0    |
| Terek Sandpiper         |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Common Sandpiper        | 0 | 0 |      |  |      |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    | 0    | 0    |
| Grey-tailed Tattler     |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Ruddy Turnstone         |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Red-necked Phalarope    |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Pintail Snipe           |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Swinhoe's Snipe         |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Pintail/Swinhoe's Snipe |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Common Snipe            |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Long-billed Dowitcher   |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Asian Dowitcher         |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Red Knot                |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Great Knot              |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Sanderling              |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Red-necked Stint        |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Little Stint            |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Temminck's Stint        |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Long-toed Stint         |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Pectoral Sandpiper      |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Sharp-tailed Sandpiper  |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Dunlin                  |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Curlew Sandpiper        |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |
| Spoon-billed Sandpiper  |   |   |      |  |      |  |  |   |   |   |   |   |   | 0 |   |      | 0    | 0    |

|   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
|---|----------------------|-------------|--------------------|-------------|-------------|------------|------------|------------------|-----------------|------------|-----------|------------|-------------|-----------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|----------|
| Broad-billed Sandpiper  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Ruff  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Small wader spp.  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Wader sp.   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Black-tailed Gull   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Heuglin's Gull  |                      |             |                    |             | 102         |            |            |                  |                 |            |           |            |             |           |             | 0                   | 102                            | 102                | 102                  | 102                   |          |
| Yellow-legged Gull  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Slaty-backed Gull   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Pallas's Gull   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Large Gull spp.   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Brown-headed Gull   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Black-headed Gull   | 0                    | 0           | 84                 |             | 2300        |            |            | 0                | 0               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 2300                           | 2300               | 2384                 |                       |          |
| Saunders's Gull   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Whiskered Tern  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| White-winged Tern   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Gull-billed Tern  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| Caspian Tern  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             | 0                   |                                |                    | 0                    | 0                     |          |
| <b>Total</b>  | <b>0</b>             | <b>0</b>    | <b>12954</b>       | <b>0</b>    | <b>9213</b> | <b>0</b>   | <b>0</b>   | <b>0</b>         | <b>0</b>        | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>0</b>    | <b>0</b>  | <b>0</b>    | <b>0</b>            | <b>0</b>                       | <b>9304</b>        | <b>9304</b>          | <b>22167</b>          | <b>0</b> |
|   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
|   | <b>Deep Bay Area</b> | <b>%</b>    | <b>Ramsar Site</b> | <b>%</b>    | <b>SW</b>   | <b>SI</b>  |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Cormorants</b>   | <b>32</b>            | <b>0.1</b>  | <b>0</b>           | <b>0.0</b>  | <b>0</b>    | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Ardeids etc</b>  | <b>137</b>           | <b>0.6</b>  | <b>0</b>           | <b>0.0</b>  | <b>0</b>    | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Ducks, grebes, pelicans</b>  | <b>10938</b>         | <b>49.3</b> | <b>4711</b>        | <b>50.6</b> | <b>0</b>    | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Rails, Coot etc</b>  | <b>283</b>           | <b>1.3</b>  | <b>0</b>           | <b>0.0</b>  | <b>0</b>    | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Waders</b>   | <b>8291</b>          | <b>37.4</b> | <b>2191</b>        | <b>23.5</b> | <b>0</b>    | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Gulls and terns</b>  | <b>2486</b>          | <b>11.2</b> | <b>2402</b>        | <b>25.8</b> | <b>0</b>    | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>TOTAL</b>  | <b>22167</b>         |             | <b>9304</b>        |             | <b>0</b>    | <b>0</b>   |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| Date of count: 18 Jan 2009  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| n/c = site not counted High tide measured at TBT:   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| # indicates count consists of or includes a count made up to one week either side of the count date |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| % = count made at evening roost   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
|   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Wetland-dependant species</b>  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Species</b>  | <b>SRA</b>           | <b>SRB</b>  | <b>DBA</b>         | <b>DBB</b>  | <b>DBC</b>  | <b>DBD</b> | <b>DBE</b> | <b>DBF (TBT)</b> | <b>NW / LFS</b> | <b>TKC</b> | <b>LC</b> | <b>TSW</b> | <b>MPST</b> | <b>ST</b> | <b>MPNR</b> | <b>Ramsar ponds</b> | <b>Ramsar intertidal areas</b> | <b>Ramsar Site</b> | <b>DEEP BAY AREA</b> | <b>Starling Inlet</b> |          |
| Osprey  |                      |             | 2                  |             |             |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 2                    |                       |          |
| Black Kite  | 0                    | 0           |                    |             |             |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| White-bellied Sea Eag   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |          |
| Eastern Marsh Harrier   |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |          |
| Common Buzzard  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |          |
| Greater Spotted Eagle   | 0                    | 0           |                    |             |             |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Imperial Eagle  | 0                    | 0           |                    |             |             |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Peregrine Falcon  |                      |             |                    |             |             |            |            |                  |                 |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |          |
| Pied Kingfisher   | 0                    | 0           |                    |             |             |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Common Kingfisher   | 0                    | 0           |                    |             |             |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| White-throated Kingfisher   | 0                    | 0           |                    |             |             |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Black-capped Kingfisher   | 0                    | 0           | 3                  |             |             |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 3                    |                       |          |
| Red-billed Starling   | 0                    | 0           |                    |             |             |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Collared Crow   | 0                    | 0           |                    |             |             |            |            | 0                |                 | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |

Summary of Waterbird Count during Low Tide, February 2009

| SPECIES                 | SRA | SRB | DBA  | DBB | DBC  | DBD | DBE | DBF (TBT) | NW / LFS | TKC | LC | TSW | MPST | ST | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|-----|------|-----|-----|-----------|----------|-----|----|-----|------|----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe            | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Great Crested Grebe     |     |     | 23   |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 23            |                |
| Great Cormorant         | 0   | 0   | 5    |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 5             |                |
| Dalmatian Pelican       |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Grey Heron              | 0   | 0   | 164  |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 164           |                |
| Purple Heron            |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Egret             | 0   | 0   | 18   |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 18            |                |
| Intermediate Egret      | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Little Egret            | 0   | 0   | 93   |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 93            |                |
| Swinhoe's Egret         |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Pacific Reef Egret      |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Cattle Egret            | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Chinese Pond Heron      | 0   | 0   | 2    |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 2             |                |
| Striated Heron          | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| B-c Night Heron         | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Yellow Bittern          | 0   | 0   |      |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 0             |                |
| Cinnamon Bittern        |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Great Bittern           |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black Stork             |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black-headed Ibis       |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Eurasian Spoonbill      |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Black-faced Spoonbill   |     |     | 29   |     | 27   |     |     |           |          |     |    |     |      |    | 0    |              | 27                      | 27          | 56            |                |
| Common Shelduck         |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Eurasian Wigeon         | 0   | 0   | 900  |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 900           |                |
| Falcated Duck           |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Gadwall                 |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Baikal Teal             |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Common Teal             | 0   | 0   | 400  |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 400           |                |
| Mallard                 |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Spot-billed Duck        |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Chinese Spotbill        |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Burmese Spotbill        |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Northern Pintail        |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Garganey                |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Northern Shoveler       |     |     | 4200 |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 4200          |                |
| Common Pochard          |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Baer's Pochard          |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Tufted Duck             |     |     | 1550 |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 1550          |                |
| Greater Scaup           |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Red-breasted Merganser  |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Duck sp.                |     |     |      |     | 4525 |     |     |           |          |     |    |     |      |    | 0    |              | 4525                    | 4525        | 4525          |                |
| Slaty-breasted Rail     |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| Water Rail              |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |
| White-breasted Waterhen | 0   | 0   | 2    |     |      |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 2             |                |
| Watercock               |     |     |      |     |      |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |                |



|                         |   |   |      |  |  |  |  |   |   |   |   |   |   |   |   |   |   |      |
|-------------------------|---|---|------|--|--|--|--|---|---|---|---|---|---|---|---|---|---|------|
| Common Moorhen          | 0 | 0 |      |  |  |  |  | 0 |   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    |
| Eurasian Coot           |   |   | 304  |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 304  |
| Pheasant-tailed Jacana  |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Greater Painted Snipe   |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Black-winged Stilt      |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Pied Avocet             |   |   | 3300 |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 3300 |
| Oriental Pratincole     |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Northern Lapwing        |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Grey-headed Lapwing     |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Pacific Golden Plover   |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Grey Plover             |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Common Ringed Plover    |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Little Ringed Plover    | 0 | 0 |      |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    |
| Kentish Plover          |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Lesser Sand Plover      |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Greater Sand Plover     |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Black-tailed Godwit     |   |   | 508  |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 508  |
| Bar-tailed Godwit       |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Whimbrel                |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Eurasian Curlew         |   |   | 92   |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 92   |
| Far Eastern Curlew      |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Spotted Redshank        |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Common Redshank         |   |   | 388  |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 388  |
| Marsh Sandpiper         |   |   | 424  |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 424  |
| Common Greenshank       |   |   | 1451 |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 1451 |
| Nordmann's Greenshank   |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Green Sandpiper         | 0 | 0 |      |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    |
| Wood Sandpiper          | 0 | 0 |      |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    |
| Terek Sandpiper         |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Common Sandpiper        | 0 | 0 |      |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0    |
| Grey-tailed Tattler     |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Ruddy Turnstone         |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Red-necked Phalarope    |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Pintail Snipe           |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Swinhoe's Snipe         |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Pintail/Swinhoe's Snipe |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Common Snipe            |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Long-billed Dowitcher   |   |   | 2    |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 2    |
| Asian Dowitcher         |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Red Knot                |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Great Knot              |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Sanderling              |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Red-necked Stint        |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Little Stint            |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Temminck's Stint        |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Long-toed Stint         |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Pectoral Sandpiper      |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Sharp-tailed Sandpiper  |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Dunlin                  |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Curlew Sandpiper        |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |
| Spoon-billed Sandpiper  |   |   |      |  |  |  |  |   |   |   |   |   |   | 0 |   |   | 0 | 0    |

|   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
|---|----------------------|-------------|--------------------|-------------|-------------|------------|------------|------------------|---------------|------------|-----------|------------|-------------|-----------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|----------|
| Broad-billed Sandpiper  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Ruff  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Small wader spp.  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Wader sp.   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Black-tailed Gull   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Heuglin's Gull  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Yellow-legged Gull  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Slaty-backed Gull   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Pallas's Gull   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Large Gull spp.   |                      |             |                    |             | 130         |            |            |                  |               |            |           |            |             |           |             | 0                   | 130                            | 130                | 130                  |                       |          |
| Brown-headed Gull   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Black-headed Gull   | 0                    | 0           | 210                |             | 4100        |            |            | 0                | 0             | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 4100                           | 4100               | 4310                 |                       |          |
| Saunders's Gull   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Whiskered Tern  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| White-winged Tern   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Gull-billed Tern  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| Caspian Tern  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             | 0                   |                                | 0                  | 0                    |                       |          |
| <b>Total</b>  | <b>0</b>             | <b>0</b>    | <b>14065</b>       | <b>0</b>    | <b>8782</b> | <b>0</b>   | <b>0</b>   | <b>0</b>         | <b>0</b>      | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>0</b>    | <b>0</b>  | <b>0</b>    | <b>0</b>            | <b>0</b>                       | <b>8782</b>        | <b>8782</b>          | <b>22847</b>          | <b>0</b> |
|   | <b>Deep Bay Area</b> | <b>%</b>    | <b>Ramsar Site</b> | <b>%</b>    | <b>SW</b>   | <b>SI</b>  |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Cormorants</b>   | <b>5</b>             | <b>0.0</b>  | <b>0</b>           | <b>0.0</b>  | <b>0</b>    | <b>0</b>   |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Ardeids etc</b>  | <b>333</b>           | <b>1.5</b>  | <b>27</b>          | <b>0.3</b>  | <b>0</b>    | <b>0</b>   |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Ducks, grebes, pelicans</b>  | <b>11598</b>         | <b>50.8</b> | <b>4525</b>        | <b>51.5</b> | <b>0</b>    | <b>0</b>   |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Rails, Coot etc</b>  | <b>306</b>           | <b>1.3</b>  | <b>0</b>           | <b>0.0</b>  | <b>0</b>    | <b>0</b>   |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Waders</b>   | <b>6165</b>          | <b>27.0</b> | <b>0</b>           | <b>0.0</b>  | <b>0</b>    | <b>0</b>   |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Gulls and terns</b>  | <b>4440</b>          | <b>19.4</b> | <b>4230</b>        | <b>48.2</b> | <b>0</b>    | <b>0</b>   |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>TOTAL</b>  | <b>22847</b>         |             | <b>8782</b>        |             | <b>0</b>    | <b>0</b>   |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| Date of count: Feb 2009   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| n/c = site not counted High tide measured at TBT:   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| # indicates count consists of or includes a count made up to one week either side of the count date |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| % = count made at evening roost   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Wetland-dependant species</b>  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           |             |                     |                                |                    |                      |                       |          |
| <b>Species</b>  | <b>SRA</b>           | <b>SRB</b>  | <b>DBA</b>         | <b>DBB</b>  | <b>DBC</b>  | <b>DBD</b> | <b>DBE</b> | <b>DBF (TBT)</b> | <b>NW/LFS</b> | <b>TKC</b> | <b>LC</b> | <b>TSW</b> | <b>MPST</b> | <b>ST</b> | <b>MPNR</b> | <b>Ramsar ponds</b> | <b>Ramsar intertidal areas</b> | <b>Ramsar Site</b> | <b>DEEP BAY AREA</b> | <b>Starling Inlet</b> |          |
| Osprey  |                      |             | 1                  |             |             |            |            |                  |               |            |           |            |             |           | 0           |                     |                                | 0                  | 1                    |                       |          |
| Black Kite  | 0                    | 0           |                    |             |             |            |            | 0                |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| White-bellied Sea Eag   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |          |
| Eastern Marsh Harrier   |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |          |
| Common Buzzard  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |          |
| Greater Spotted Eagle   | 0                    | 0           |                    |             |             |            |            | 0                |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Imperial Eagle  | 0                    | 0           |                    |             |             |            |            | 0                |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Peregrine Falcon  |                      |             |                    |             |             |            |            |                  |               |            |           |            |             |           | 0           |                     |                                | 0                  | 0                    |                       |          |
| Pied Kingfisher   | 0                    | 0           |                    |             |             |            |            | 0                |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Common Kingfisher   | 0                    | 0           |                    |             |             |            |            | 0                |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| White-throated Kingfisher   | 0                    | 0           | 1                  |             |             |            |            | 0                |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 1                    |                       |          |
| Black-capped Kingfisher   | 0                    | 0           |                    |             |             |            |            | 0                |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Red-billed Starling   | 0                    | 0           |                    |             |             |            |            | 0                |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |
| Collared Crow   | 0                    | 0           |                    |             |             |            |            | 0                |               | 0          | 0         | 0          | 0           | 0         | 0           | 0                   | 0                              | 0                  | 0                    |                       |          |