

Tender Reference No. AFCD/SQ/50/12

**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme
2012 - 13**

**Monthly Waterbird Monitoring
Winter 2012 - 13 Report**



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

July 2013



This report is printed on recycled paper

Tender Reference No. AFCD/SQ/50/12

Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Waterbird Count Coordinator

Yat-tung YU

The Hong Kong Bird Watching Society

Data Contributors

Geoff CAREY, Bonnie CHAN, Gary CHOW, Camille CHUNG, Johnson CHUNG, Forrest FONG, Helen FONG, Vivian FU, Michael LEVEN, Martin HALE, John and Jemi HOLMES, Tony HUNG, W.M. HUNG, Aaron KEUNG, N.Y. LAI, Alan LAM, Shirley LAM, Roger H. LEE, Richard LEWTHWAITE, Austin NG, C.C. PANG, Y.K. SO, Y.H. SUNG, Graham TALBOT, Ivan TSE, Captain WONG, H.K. YING, Y.T. YU, Shenzhen Bird Watching Society, Hong Kong Wetland Park.

Copyright

The project is part of the “Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2012-13” of Agriculture, Fisheries and Conservation Department, Hong Kong SAR Government.

All the data shall be the property of the Government with full copyright.

Report available for public information

The Hong Kong Bird Watching Society
7C, V Ga Building, 532 Castle Peak Road,
Lai Chi Kok, Kowloon, Hong Kong

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

And

Agriculture, Fisheries and Conservation Department
Hong Kong SAR Government
7/F, Cheung Sha Wan Government Offices
303 Cheung Sha Wan Road
Kowloon, Hong Kong

Email: faunaenq@afcd.gov.hk Website: www.afcd.gov.hk

This publication should be cited as

Anon. 2013. Winter 2012-13 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site. Report by The Hong Kong Bird Watching Society to the Agriculture, Fisheries and Conservation Department, Hong Kong Special Administrative Region Government.

TABLE OF CONTENTS

REPORT

| | |
|--|----|
| 1. Introduction..... | 6 |
| 2. Methodology | 6 |
| 3. Results and discussion..... | 8 |
| 3.1 Results of winter waterbird count..... | 8 |
| 3.2. Species of conservation significance..... | 13 |
| 3.3 Other notable counts | 16 |
| 3.4 Other information collected..... | 18 |
| 4. Conclusion..... | 18 |
| 5. Acknowledgements..... | 19 |
| 6. References..... | 19 |

TABLE

| | |
|---|----|
| Table 1. Comparison of the number of waterbirds recorded at the Deep Bay area and the Ramsar Site in winter 2008-09 to 2012-13..... | 8 |
| Table 2. Number of waterbirds counted in winter 2012-13 by groups and sites..... | 9 |
| Table 3. Peak number of different waterbird groups in the Deep Bay area during the mid-winter period from 2001 to 2013..... | 9 |
| Table 4. Number of waterbird groups recorded in low-tide counts, winter 2012-13 | 11 |
| Table 5. Total peak counts in the winters of past six years | 12 |
| Table 6. The ten most numerous wintering waterbird species found at Deep Bay, Hong Kong and Shenzhen, Deep Bay | 12 |
| Table 7. Number of wired fishponds and managed fishponds | 18 |

FIGURE

| | |
|---|----|
| Figure 1. Winter aggregate of species peak counts and mid-winter (January) waterbird counts, 2001-2013..... | 22 |
|---|----|

Map

| | |
|---|----|
| Map 1. Map of Hong Kong showing location of the Mai Po Inner Deep Bay Ramsar Site | 24 |
| Map 2. Boundary of Mai Po Inner Deep Bay Ramsar Site | 24 |
| Map 3. Location of survey sites of the Waterbird Monitoring Programme | 25 |
| Map 4. Distribution of wired ponds in the fishpond area of the Deep Bay area, surveyed from January to February 2013..... | 26 |
| Map 5. Distribution of managed ponds in the fishpond area of the Deep Bay area, | |

surveyed from January to February 2013..... 26

APPENDICE

Appendix 1. Summary of Waterbird Count, October 2012

Summary of Waterbird Count, November 2012

Summary of Waterbird Count, December 2012

Summary of Waterbird Count, January 2013

Summary of Waterbird Count, February 2013

Summary of Waterbird Count, March 2013

Appendix 2. Peak counts of each waterbird species, mid-winter period (December to February) 2012-13

Appendix 3. Low-tide count, December 2012

Low-tide count, January 2013

Low-tide count, February 2013

Winter 2012-13 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Report



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

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

Programme 2012/13

Monthly Waterbird Count

Oct 2012 - Mar 2013

Winter 2012-2013 Report

Yat-tung Yu

1. Introduction

Long-term monitoring of waterbirds provides an insight into the health of wetlands; it concerns not only the waterbird community, but also the entire ecosystem in the Deep Bay area. Waterbird Monitoring Programme provides important baseline information for the management of Mai Po Inner Deep Bay Ramsar Site. This was administered and executed by the Hong Kong Bird Watching Society (HKBWS) under subvention from the Agriculture, Fisheries and Conservation Department (AFCD) from December 1998 to March 2004. Starting from April 2004, the Waterbird Monitoring Programme was arranged under service contracts funded by AFCD.

The Waterbird Monitoring Programme comprises three major components, namely, monthly waterbird counts, shorebird counts and egret counts. The monthly waterbird counts are conducted in the Deep Bay area including the Mai Po Inner Deep Bay Ramsar Site, fishpond areas and mudflat adjacent to the Ramsar Site; the shorebird counts are conducted at the key feeding and loafing sites in the Mai Po Marshes Nature Reserve and intertidal mudflat during the migration seasons; and the egret counts are conducted all around Hong Kong during the breeding season. This report focuses on the results of the monthly counts of waterbirds during the winter period from October 2012 to March 2013 under tender reference number AFCD/SQ/50/12.

2. Methodology

The coordinated mid-monthly counts of wintering waterbirds in Hong Kong were carried out by accredited waterbird surveyors of the HKBWS, with support rendered by reserve staff of the Hong Kong Wetland Park on 14 October 2012, 11 November 2012, 16 December 2012, 20 January 2013, 17 February 2013 and 17 March 2013. The survey area included the Mai Po Inner Deep Bay Ramsar Site (the 'Ramsar Site') and wetland areas around the Ramsar Site (the 'Deep Bay area'). The Deep Bay

area covered the Ramsar Site and surrounding area including mudflat between Tsim Bei Tsui to Lau Fau Shan, fishpond areas at Ma Tso Lung, Sam Po Shue, San Tin, Mai Po San Tsuen, Tam Kon Chau, Tai Sang Wai, Lut Chau, Luen Hing Wai, Wing Kei Tsuen, Nam Sang Wai, Tsim Bei Tsui and Tin Shui Wai. Besides, the survey also covered the Hong Kong Wetland Park at Tin Shui Wai, and the Futian National Nature Reserve at Shenzhen Special Economic Zone in Mainland China. Maps 1, 2 and 3 show the location of each of the survey sites within the survey area, together with the boundary of the Mai Po Inner Deep Bay Ramsar Site. Figures collected from the monthly waterbird counts were grouped and presented with respect to two main areas: (1) Ramsar Site and (2) Deep Bay area.

This monitoring programme involved the counting of waterbirds in the above survey area. Habitat types included fishponds, *gei wais*, storm water channel, streams, intertidal mudflat, mangroves, reedbed and marshes. The survey sites, in particular the intertidal areas of Inner Deep Bay, were surveyed simultaneously so as to avoid double-counting as far as possible.

During the winter months, substantial number of waterbirds were present in the Deep Bay intertidal area. However, there were only a few days with diurnal tides high enough to force all waterbirds off the mudflat to the roosting sites in Mai Po and/or close to the floating bird watching hides. All counts were conducted on dates with rising tide, preferably 1.8 m or above. High-tide counts of individual species conducted within one week from the scheduled survey date were included if the counting results were considered more accurate than those gathered on the counting day. This methodology has been described in details in the Waterbird Count Handbook (Carey 2002, Map 1 to 3).

Low-tide counts were conducted in the mid-winter period (i.e. December to February) on the same dates scheduled for high-tide counts in order to provide supplementary information on the number of some waterbird species including ducks, gulls which preferred to stay in the intertidal area during low-tide. Countings were conducted in a synchronous manner at the jetty outside the police station in Tsim Bei Tsui and at the Futian National Nature Reserve in Shenzhen.

Besides, additional surveys on Great Cormorants were conducted from December to February at their known evening roosting sites in Mai Po Marshes Nature Reserve and Nam Sang Wai with a view to obtaining more accurate information on their wintering population.

3. Results and discussion

3.1. Results of winter waterbird counts

All areas within the Deep Bay area and the Ramsar Site were covered during this survey period in the winter months. Table 1 shows a comparison of the peak counts. The peak count of waterbirds in the Deep Bay area in 2012-13 winter was 55,871 individuals recorded in January 2013, representing a decrease of 15% from the previous winter. In the Ramsar Site, the peak count was 31,171 individuals recorded in February 2013, which showed a decrease of 32% from the previous year. The result of the January count has long been used for comparing the long-term trend of waterbird numbers, it showed an increase of 14% in the Deep Bay area while a decrease of 13% in the Ramsar Site from the previous winter. A full data set of the surveys under the waterbird monitoring programme is provided in Appendix 1.

The count conducted in January showed that wintering 'shorebirds' was the largest waterbird group with 22,320 individuals (accounting for 40% of the total number), followed by 'ducks and grebes' at 12,091 individuals (22%). The January count was the peak count in this winter; waterbird groups including 'cormorants', 'shorebirds' and 'gulls and terns' also reached their highest numbers in this count (Table 2). Whereas, 'ducks and grebes' had a peak count of 13,169 individuals recorded in the December count.

Compared to the results of the previous year, there were increases in the peak counts of 'cormorants' and 'gulls and terns', while the peak counts of 'ardeids', 'ducks and grebes', 'rails and coots' and 'shorebirds' had decreased. Although the number of 'gulls and terns' had increased, it was still far below the range of 11,000-14,000 individuals recorded in 2001 to 2010 (Table 3).

Table 1. Comparison of the number of waterbirds recorded at the Deep Bay area and the Ramsar Site in winter 2008-09 to 2012-13. The Ramsar Site covers part of the Deep Bay area, with details shown in Maps 2 and 3.

| | | Winter 2008-09 | Winter 2009-10* | Winter 2010-11* | Winter 2011-12 | Winter 2012-13* |
|---|-------------|-------------------|--------------------|--------------------|-------------------|--------------------|
| Winter peak monthly count [^] | Deep Bay | 78,155 | 76,882 | 68,635 | 68,080 | 55,871 |
| | Ramsar Site | 27,526 | 39,000 | 42,699 | 45,744 | 31,171 |
| January count | Deep Bay | 71,264 | 76,882 | 68,635 | 49,202 | 55,871 |
| | Ramsar Site | 30,539 | 39,000 | 42,699 | 34,561 | 30,012 |

[^] Winter peak monthly count refers to the highest count between December 2012 to February 2013 in the winter period.

* Counts of the whole Deep Bay area peaked in January for the winters in 2009-10, 2010-11 and 2012-13.

Table 2. Number of waterbirds counted in winter 2012-2013 by groups and sites. Bold figures are the highest records in this winter period.

| Group | Site | Oct | Nov | Dec | Jan | Feb | Mar |
|------------------|----------------|------------|--------------|---------------|---------------|---------------|--------|
| Cormorants | Deep Bay area | 1,729 | 3,958 | 8,178 | 10,569 | 9,885 | 1,355 |
| | Ramsar Site | 455 | 1,263 | 2,635 | 4,534 | 4,029 | 917 |
| | Starling Inlet | 0 | 5 | 77 | 135 | 31 | 10 |
| Ardeids | Deep Bay area | 2,955 | 3,221 | 2,688 | 2,773 | 2,578 | 1,889 |
| | Ramsar Site | 1,319 | 1,401 | 1,453 | 1,366 | 1,352 | 1,081 |
| | Starling Inlet | 191 | 90 | 145 | 89 | 154 | 116 |
| Ducks and grebes | Deep Bay area | 1,622 | 9,944 | 13,169 | 12,091 | 8,667 | 3,560 |
| | Ramsar Site | 130 | 3,440 | 5,273 | 6,051 | 4,700 | 1,483 |
| | Starling Inlet | 3 | 4 | 1 | 8 | 6 | 7 |
| Rails and Coots | Deep Bay area | 143 | 188 | 119 | 163 | 160 | 159 |
| | Ramsar Site | 45 | 58 | 31 | 72 | 51 | 71 |
| | Starling Inlet | 1 | 12 | 27 | 21 | 30 | 17 |
| Shorebirds | Deep Bay area | 3,092 | 3,739 | 11,165 | 22,320 | 18,345 | 12,440 |
| | Ramsar Site | 2,863 | 2,118 | 4,454 | 15,473 | 14,605 | 9,065 |
| | Starling Inlet | 2 | 4 | 2 | 11 | 7 | 1 |
| Gulls and terns | Deep Bay area | 16 | 339 | 7,081 | 7,955 | 7,469 | 1,671 |
| | Ramsar Site | 1 | 338 | 7,076 | 2,516 | 6,434 | 341 |
| | Starling Inlet | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | Deep Bay area | 10,367 | 21,389 | 42,400 | 55,871 | 47,104 | 21,074 |
| | Ramsar Site | 4,813 | 8,618 | 20,922 | 30,012 | 31,171 | 12,958 |
| | Starling Inlet | 197 | 115 | 252 | 264 | 228 | 151 |

Table 3. Peak number of different waterbird groups in the Deep Bay area during the mid-winter period (i.e. December to February) from 2001 to 2013.

| Winter | Cormorants | Ardeids | Ducks and Grebes | Rails and coots | Shore-birds | Gulls and Terns |
|----------------------|-----------------|----------------|------------------|-----------------|-----------------|-----------------|
| 2001-02 | 6,230 (Jan) | 4,400 (Jan) | 18,987 (Dec) | 195 (Jan) | 10,242 (Jan) | 13,302 (Jan) |
| 2002-03 | 7,959 (Jan) | 4,702 (Jan) | 20,203 (Jan) | 219 (Dec) | 9,849 (Feb) | 13,191 (Jan) |
| 2003-04 [^] | 8,964 (Jan) | 3,963 (Dec) | 16,856 (Feb) | 362 (Jan) | 12,856 (Jan) | 8,469 (Dec) |
| 2004-05 | 9,552 (Jan) | 6,425 (Dec) | 22,521 (Jan) | 384 (Feb) | 9,806 (Feb) | 9,346 (Dec) |
| 2005-06 | 10,347 (Jan) | 4,345 (Jan) | 19,657 (Feb) | 597 (Dec) | 13,695 (Feb) | 14,417 (Feb) |

| Winter | Cormorants | Ardeids | Ducks and Grebes | Rails and coots | Shore-birds | Gulls and Terns |
|---------|-----------------|----------------|------------------|-----------------|-----------------|-----------------|
| 2006-07 | 10,081 (Jan) | 4,396 (Dec) | 33,779 (Feb) | 798 (Feb) | 19,054 (Feb) | 12,000 (Jan) |
| 2007-08 | 11,144 (Jan) | 3,549 (Jan) | 35,066 (Jan) | 866 (Jan) | 27,720 (Jan) | 11,787 (Jan) |
| 2008-09 | 8,736 (Jan) | 4,384 (Feb) | 38,099 (Feb) | 460 (Jan) | 24,069 (Feb) | 11,212 (Dec) |
| 2009-10 | 10,758 (Feb) | 3,357 (Jan) | 28,700 (Jan) | 523 (Jan) | 23,926 (Jan) | 11,331 (Jan) |
| 2010-11 | 10,023 (Feb) | 3,006 (Dec) | 30,628 (Dec) | 332 (Jan) | 20,708 (Jan) | 9,393 (Jan) |
| 2011-12 | 9,636 (Feb) | 3,384 (Dec) | 25,739 (Feb) | 206 (Jan) | 25,299 (Feb) | 5,128 (Jan) |
| 2012-13 | 10,569 (Jan) | 2,773 (Jan) | 13,169 (Dec) | 163 (Jan) | 22,320 (Jan) | 7,955 (Jan) |

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

Synchronised low-tide counts were conducted in the intertidal area at Tsim Bei Tsui and Futian National Nature Reserve, Shenzhen in December, January and February. Figures collected in the low-tide counts could serve as supplementary information for high-tide counts as some species such as Eurasian Coot, Black-winged Stilt and some large-sized gulls were usually recorded in higher numbers during low-tide periods. Results of low-tide counts of different waterbird groups are listed in Table 4 and details are shown in Appendix 2.

Low-tide count has been proven as an effective method to acquire additional information of ducks and gulls which prefer to stay in the intertidal area of the Deep Bay area (Anon 2011). Height of tide and visibility are important factors affecting the counts of waterbirds in the low tide period. In this winter, the low tide counts were conducted in a less favourable condition because of the severe disturbances caused by fishermen in the intertidal mudflat area at Futian National Nature Reserve. The disturbances continued throughout the winter period, thus affected the results obtained.

Table 4. Number of waterbird groups recorded at the Deep Bay area during low-tide counts in mid-winter 2012-13. Number in parenthesis represents the results recorded within the area of the Ramsar Site.

| | December 2012 | January 2013 | February 2013 |
|-------------------------------------|-----------------|-----------------|-----------------|
| Cormorants | 951 (840) | 404 (174) | 283 (0) |
| Ardeids | 527 (352) | 389 (30) | 566 (99) |
| Ducks, grebes and pelicans | 3,641 (3,200) | 12,091 (4,798) | 8,667 (2,286) |
| Rails and Coots | 55 (0) | 98 (0) | 100 (0) |
| Waders | 1,527 (420) | 5,149 (561) | 9811 (232) |
| Gulls and terns | 1,620 (170) | 4,811 (1,177) | 88 (32) |
| Total | 8,321 (4,982) | 22,942 (6,740) | 19,515 (2,649) |
| High-tide count total | 42,400 (20,922) | 55,829 (30,012) | 45,785 (31,156) |
| Aggregate total from low-tide count | 42,400 (20,922) | 55,871 (30,012) | 47,104 (31,171) |

In order to avoid stochastic biases for solely adopting the January count (which has been widely used internationally for population estimate) and to acquire a more accurate profile of the number of waterbirds that were dependent on Deep Bay as their habitat for at least a period in the winter, the total peak count in the mid-winter period (December to February) was extracted to show the maximum number of waterbirds that utilized the Deep Bay area, in other words, supported by the area in the 2012-13 winter. The total peak count for 2012-13 winter was 61,674 birds (Table 5 and Appendix 3). There was a decrease of 15% when compared to the result of 72,492 individuals recorded in last winter. Table 5 shows a comparison of the total peak counts in the last five winters from 2008-09 to 2012-13. Figure 1 compares the difference between using the total peak count and the January count in estimating the waterbird population. There was a declining trend from the high count of 90,986 individuals in winter 2007-08, but the number of waterbird species remained at around the range of 70. The number of species recorded in 2012-13 winter (69 species) was higher than that of the last winter (64 species).

Table 5. Total peak counts in the winters of past five years

| | Winter 2008-09 | Winter 2009-10 | Winter 2010-11 | Winter 2011-12 | Winter 2012-13 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| Total peak count | 87,633 | 87,379 | 76,679 | 72,492 | 61,674 |
| Total no. of positively-identified waterbird species | 70 | 75 | 67 | 64 | 69 |

The ten most numerous waterbird species recorded in the Deep Bay area are shown in Table 6. These ten waterbird species together made up a total of 51,571 individuals, constituting 84% of all the waterbirds recorded in the mid-winter period. The recorded number was slightly higher than the record of winter 2011-12 but was similar to those recorded in the previous winters (winter 2011-12: 74%, winter 2010-11: 78%, winter 2009-10: 86%, winter 2008-09: 84%, winter 2007-08: 84%). Moreover, the number of waterbirds recorded at Hong Kong side was higher than that at the Futian National Nature Reserve during the high tide period. Regular movement of wintering waterbirds in the Deep Bay area from Mai Po during the high tide period to Futian during the low tide period was also observed.

Table 6. The ten most numerous wintering waterbird species recorded at Deep Bay in Hong Kong and Shenzhen, Deep Bay.

| Species | Number of birds at Hong Kong side | Number of birds at Futian (i.e. Shenzhen) | Total number |
|-------------------|--------------------------------------|--|--------------|
| Great Cormorant | 10,569 | 0 | 10,569 |
| Pied Avocet | 9,746 | 94 | 9,840 |
| Black-headed Gull | 2,591 | 5,226 | 7,817 |
| Tufted Duck | 5,543 | 444 | 5,987 |
| Dunlin | 5,030 | 0 | 5,030 |
| Northern Shoveler | 411 | 3,268 | 3,679 |
| Kentish Plover | 3,220 | 1 | 3,221 |
| Eurasian Wigeon | 1,850 | 390 | 2,240 |
| Northern Pintail | 1,748 | 0 | 1,748 |
| Eurasian Curlew | 1,440 | 0 | 1,440 |
| Total | 42,148 (81.7%) | 9,423 (18.3%) | 51,571 |

3.2 *Species of conservation significance*

Some waterbird species recorded in the Deep Bay area were of conservation significance. This was attributable to their globally threatened status as classified by BirdLife International (2000, 2008, 2013), or to the fact that the Deep Bay area had supported at least 1% of their regional or flyway population. The data of '1% of the regional or flyway population' was adopted from Wetlands International (2013). Brief reviews of the important waterbird species recorded in winter 2012-13 are appended below.

Great Cormorant *Phalacrocorax carbo*

Coordinated counts at roosting sites were conducted at Mai Po Marshes Nature Reserve and Nam Sang Wai in December 2012, January 2013 and February 2013 and a total of 8,178, 10,569 and 9,885 individuals were recorded respectively. The peak count was obtained in January 2013. Applying the 1% regional population at 1,000 individuals (Wetlands International 2013), the wintering population in the Deep Bay area in winter 2012-13 constituted 10% of the regional population.

Oriental Stork *Ciconia boyciana*

Endangered

One individual, first reported in July 2012, continued to stay in the Mai Po Marshes Nature Reserve in winter 2012-13 and was intermittently recorded during this winter (e.g. December and February). The global population was estimated between 1,000 and 2,499 mature individuals (BirdLife International 2013).

Black-faced Spoonbill *Platalea minor*

Endangered

A peak count of 344 Black-faced Spoonbills was recorded in February 2013 in this waterbird monitoring programme. The International Black-faced Spoonbill Census took place in mid-January 2013 had recorded a total of 2,725 individuals in the East Asia region, of which 351 were recorded in the Deep Bay area (HKBWS 2013). The Deep Bay area had supported nearly 13% of the known world population in 2012-13 winter.

Falcated Duck *Anas falcata*

Near Threatened

Five individuals were recorded in January 2013. There was a considerable reduction from the peak count of 28 birds recorded in previous winter but was still an unusual high record taken in recent years.

Northern Pintail *Anas acuta*

The peak count was only 1,748 individuals recorded in February 2013, which showed a decrease of 28% from the peak count (2,413 individuals) of the previous year. The result of 2012-13 winter fell short of the benchmark of the 1% regional population, which was set at 2,400 individuals (Wetlands International 2013).

Northern Shoveler *Anas clypeata*

The peak count for this species was 3,679 individuals recorded in January 2013, that was a significant decrease of 52% from the peak count (7,560 individuals) of the previous year. This species had a peak count of 20,008 individuals in winter 2009-10 and its number started to decline in the past three winters. The result of 2012-13 winter did not meet the benchmark of the 1% regional population, which was set at 5,000 individuals (Wetlands International 2013).

Baer's Pochard *Aythya baeri*

Critically Endangered

Two individuals were recorded at Mai Po Marshes Nature Reserve in December 2012 and January 2013. This species has been uplisted to 'Critically Endangered' in 2012 (BirdLife International 2013) for the reason of its rapid decline in population. This species also showed a decline in its wintering population in the Deep Bay area over the last two decades.

Tufted Duck *Aythya fuligula*

The peak count in this winter was 5,987 individuals recorded in December 2012, a significant increase of 80% from the peak count of the previous winter (i.e. 3,308 individuals) and was also higher than the peak count recorded two years before (i.e. 5,823 individuals in winter 2010-11). Most of these birds were recorded within Hong Kong side (5,543 individuals, 92.6%) rather than in the Shenzhen side (444 individuals, 7.4%). Applying the criterion that the 1% regional population was 2,400 individuals (Wetlands International 2013), the Deep Bay area had supported 2.5% of the regional population.

Pied Avocet *Recurvirostra avosetta*

A total of 9,840 individuals recorded in February 2013 was the peak count in this winter, representing a 33% decrease from the peak count of the previous winter. On the basis that the 1% regional population was 1,000 individuals (Wetlands International 2013), the Deep Bay area had supported 9.8% of the regional population in winter 2012-13.

Black-tailed Godwit *Limosa limosa* Near Threatened

A total of 620 individuals were recorded in February 2013. This was the peak count in 2012-13 winter and was 19% higher than the peak count (520 individuals) of the previous winter. These birds were mostly recorded at the Futian National Nature Reserve, Shenzhen. The 1% regional population was 1,400 individuals (Wetlands International 2013).

Eurasian Curlew *Numenius arquata* Near Threatened

The winter peak count for this species was 1,440 individuals recorded in February 2013, a 28% increase from the peak count (1,128 individuals) of the previous winter. As the 1% regional population was 1,000 individuals (Wetlands International 2013), the winter peak count in 2012-13 constituted 1.4% of the regional population.

Common Greenshank *Tringa nebularia*

The peak count for this species was 930 birds recorded in February 2013, similar to the record taken in previous winter (944 individuals). On the basis that the 1% regional population was 1,000 individuals (Wetlands International 2013), the record for 2012-13 winter was close to the 1% regional population.

Nordmann's Greenshank *Tringa guttifer* Endangered

Two individuals were recorded in January 2013. The global population was estimated at 400-600 individuals and the 1% global population was 5 individuals (Wetlands International 2013).

Great Knot *Calidris tenuirostris* Vulnerable

Only small numbers were recorded in the intertidal mudflat area of the Deep Bay during the mid-winter period. The peak count was 28 wintering individuals recorded in the January count, while there were 32 individuals recorded in March including some spring passage birds. Due to rapid population decline, this species has been classified as 'Vulnerable'. The world population was estimated at 290,000 individuals (BirdLife International 2013) and the 1% global population was 2,900 individuals (Wetlands International 2013).

Saunders's Gull *Chroicocephalus saundersi* Vulnerable

The peak count was 45 birds recorded in February 2013, a 21% decrease from the peak count of the previous winter (i.e. 57 birds). The global population size was estimated at 14,400 mature individuals (BirdLife International 2013) and the 1% population threshold was 71 birds (Wetlands International 2013).

3.3 Other notable counts

Greater Crested Grebe *Podiceps cristatus*

The peak count for this species was 515 individuals recorded in the December count, a 22% increase from the peak count of 420 individuals in the previous winter. As the 1% regional population was set at 350 individuals (Wetlands International 2013), the peak count in 2012-13 winter represented 1.5% of the regional population.

Great Egret *Ardea alba*

The peak count for this species was 720 individuals recorded in the January count, a 21% decrease from the peak count of 916 individuals recorded in the previous winter. This species has been of regional conservation importance because the Deep Bay area usually supported 1% of its regional population (i.e. 1,000 individuals) (Wetlands International 2013). With a decreasing trend recorded in recent years, the peak count in 2012-13 winter did not meet this 1% criterion.

Common Shelduck *Tadorna tadorna*

Only one individual was recorded in December 2012 and February 2013, presumably it was the same bird wintering in the Deep Bay area. Very few Common Shelducks were recorded in recent winters and the six individuals recorded in previous winter was an exceptional record. The historical peak count was 4,011 individuals in January 1998 (Carey *et al.* 2001).

Common Teal *Anas crecca*

This species was described as one of the most commonly seen ducks in the Deep Bay area (Carey *et al.* 2001), but was now experiencing a continuous decline in its numbers. The peak count in 2012-13 winter was only 512 individuals recorded in December 2012, a significant decrease of 45% from the peak count of the previous winter (937 individuals). The peak counts for winter 2008-09 and 2010-11 were as high as 2,332 and 1,459 individuals respectively.

Eurasian Coot *Fulica atra*

A total of 31 individuals were recorded in January 2013, which was the peak count in 2012-13 winter. This record was much higher than the nine individuals recorded in the previous winter. However, it was still far below the historical peak count of 3,245 individuals recorded in January 1992 (Carey *et al.* 2001).

Little Ringed Plover *Charadrius dubius*

The 1% regional population was set at 250 individuals (Wetlands International

2013) and the population in the Deep Bay area occasionally met this threshold (e.g. 315 individuals in February 2009). The peak count in this winter was only 90 individuals recorded in February 2013, a decrease of 27% from the peak count of 123 individuals in previous winter. The wintering population in 2012-13 winter did not meet the 1% threshold.

Kentish Plover *Charadrius alexandrinus*

The peak count for this species was 3,221 individuals recorded in the January count, having an increase of 22% from the peak count of the previous winter (i.e. 2,640 individuals in January 2012). The 1% regional population was set at 1,000 individuals (Wetlands International 2013) and the peak count in this winter represented 3.2% of the regional population.

Spotted Redshank *Tringa erythropus*

The peak count for this species was 263 individuals recorded in February 2013, almost 9 times higher than the peak count of 30 birds in previous winter. This was one of the waterbird species which had once been very common in the Deep Bay area but became very scarce in recent winters. The peak count in 2012-13 winter was equivalent to the 1% regional population which was 250 individuals (Wetlands International 2013).

Marsh Sandpiper *Tringa stagnatillis*

The peak count for this species was 728 individuals recorded in February 2013, a significant decrease of 67% from the peak count of 2,237 individuals in previous winter. This species had once been found lingering in the Deep Bay area with high numbers (an all-time high record of 3,705 individuals was taken in March 2011). The decrease in its number was a local conservation concern.

Black-headed Gull *Chroicocephalus ridibundis*

The peak count was 7,817 individuals recorded in January 2013, a significant increase of 57% from the peak count (4,964 individuals) recorded in the previous winter. This species was once the most abundant waterbird species in the Deep Bay area but its number has declined in recent winters. The change in its number was a local conservation concern.

3.4 Other information collected

Additional field surveys were conducted in mid-winter (i.e. January and February 2013) to collect more information on the condition of fishponds where waterbirds visited. Out of the 606 fishponds under survey, a total of 142 ponds were with wires set up across the fishponds (Map 4) while 468 ponds were actively managed fishponds (Map 5).

Table 7. Number of wired fishponds and managed fishponds

| Location of surveyed fishponds | No. of fishponds surveyed | Wired ponds | Managed ponds |
|----------------------------------|---------------------------|-------------|---------------|
| Shenzhen River 'B' | 109 | 26 | 92 |
| Shenzhen River 'A' | 31 | 0 | 23 |
| Sham Po Shue | 43 | 15 | 38 |
| San Tin | 45 | 2 | 42 |
| Mai Po Sun Tsuen | 42 | 3 | 25 |
| Tam Kon Chau | 100 | 31 | 81 |
| Lut Chau | 28 | 22 | 28 |
| Tai Sang Wai | 31 | 28 | 29 |
| Luen Hing Wai and Wing Kei Tsuen | 56 | 1 | 40 |
| Nam Sang Wai | 38 | 1 | 14 |
| Tsim Bei Tsui | 83 | 13 | 56 |
| <i>Total</i> | 606 | 142 | 468 |

4. Conclusion

From October 2012 to March 2013, the peak count of waterbirds at the Ramsar Site was 61,674 (69 species), including 14,998 ducks and grebes, some 25,043 shorebirds, 7,970 gulls and terns, 10,569 cormorants, 2,902 egrets and herons, and 192 rails and coots. Waterbird abundance in the Deep Bay area continued to decline in 2012-13 winter. This was the fifth consecutive winter since 2007-08 that the recorded number of 'total peak count' had declined (Figure 1), although the number of waterbird species remained at around the range of 70 species. The ten most numerous waterbird species constituted 84% of the total peak count in 2012-13 winter.

The low-tide count provided supplementary information on the numbers of waterbird species which habitually utilizing the intertidal mudflat area, for example, Eurasian Coot, "Large gull spp" (i.e. gull species including Heuglin's, Yellow-legged and Slaty-backed Gulls), 'ducks and grebes' and 'gulls and terns'. In other words, the low-tide count helped to increase the accuracy of the survey on some waterbird species which favour the Deep Bay intertidal mudflat area during low tide period.

A total of 9 globally threatened or near-threatened waterbird species (i.e. Oriental Stork, Black-faced Spoonbill, Falcated Duck, Baer's Pochard, Black-tailed Godwit, Eurasian Curlew, Nordmann's Greenshank, Great Knot and Saunders's Gull) and 6 species with at least 1% regional population were recorded at the Deep Bay area in 2012-13 winter. The decreases in abundance of ducks such as Northern Pintail and Northern Shoveler in this winter aroused the concerns for conservation as these species used to have 1% regional population regularly recorded in recent years. The winter abundance of Great Egret and Spotted Redshank also showed a long-term decline and both were of regional and local conservation concerns.

Cross-border fishermen were sighted in the Deep Bay intertidal area at Futian side and from Mai Po floating birdwatching hides, and they caused much disturbance to the waterbirds staying at mudflat. At Hong Kong side, there were also reports that the fishermen placed lines of traps on the mudflat (<http://www.hkbws.org.hk/BBS/viewthread.php?tid=16468&extra=page%3D1>) for trapping fishes, shrimps and crabs. To reduce disturbance to waterbirds, it is suggested that AFCD should communicate with the relevant parties to strengthen surveillance checks on person entering the restricted area if he/she is the holder of a valid permit.

5. Acknowledgements

I would like to thank the following surveyors who participated in the counts: Geoff Carey, Bonnie Chan, Gary Chow, Camille Chung, Johnson Chung, Forrest Fong, Helen Fong, Vivian Fu, Mike Leven, Martin Hale, John and Jemi Holmes, Tony Hung, W.M. Hung, Aaron Keung, N.Y. Lai, Alan Lam, Shirley Lam, Roger H. Lee, R.W. Lewthwaite, Austin Ng, C.C. Pang, Y.K. So, Y.H. Sung, Graham Talbot, Ivan Tse, Captain Wong, H.K. Ying, and Shenzhen Bird Watching Society. I also thank the reserve staff of the Hong Kong Wetland Park for their contribution in collecting waterbird data.

6. References

Anon. 2005. Winter 2004-05 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site. Report by Hong Kong Bird Watching Society to the Agriculture, Fisheries and Conservation Department, Hong Kong Special Administrative Region Government.

BirdLife International. 2000. Threatened Birds of the World. Lynx Edicions and BirdLife International. Barcelona and Cambridge, UK.

BirdLife International. 2008. Threatened birds of the world 2008. CD-ROM. Cambridge, UK: BirdLife International.

BirdLife International. 2013. IUCN Red List for birds. Downloaded from <http://www.birdlife.org> on 06/05/2013.

Carey, G.J., Chalmers, M.L., Diskin, D.A., Kennerley, P.R., Leader, P.J., Leven, M.R., Lewthwaite, R.W., Melville, D.S., Turnbull, M. and Young, L. 2001. The Avifauna of Hong Kong. Hong Kong Bird Watching Society, Hong Kong.

Carey, G.J. 2002. Waterbird Count Handbook: A guide for participants in the waterbird counts in Hong Kong. 2nd edition. Hong Kong Bird Watching Society. Hong Kong.

HKBWS 2013. 2013 International Black-faced Spoonbill Census. The Hong Kong Bird Watching Society, Hong Kong. Available from <http://www.hkbws.org.hk/BBS/viewthread.php?tid=18655&extra=page%3D1> (accessed May 2013).

Wetlands International. 2013. Waterbird Population Estimates. Available from <http://wpe.wetlands.org>. (Accessed on 6 May 2013).

Yu, Y.T. 2004. Winter 2003-04 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site. The Hong Kong Bird Watching Society Limited. Hong Kong.

Winter 2012-13 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Figure

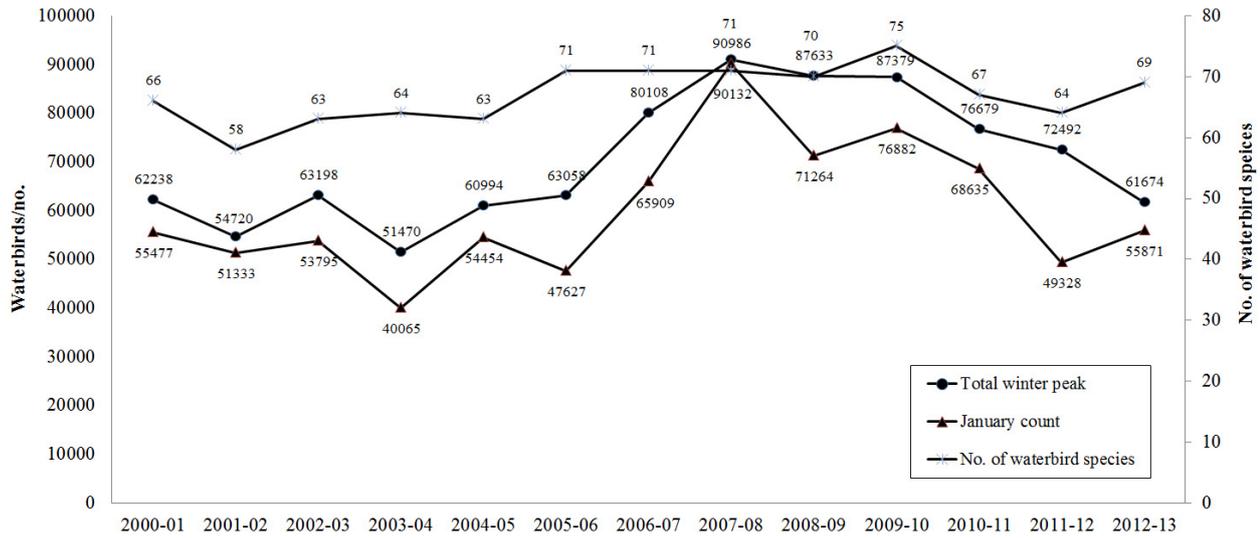


The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

Figure 1. Winter aggregate of species peak counts and mid-winter (January) waterbird counts, 2001-2013



Note: number of waterbirds in winter 2003-04 was modified and details are referred to Anon. (2005). Statistics for winters 1997-98, 1998-99, 1999-00 and 2005-06 have also been revised.

Winter 2012-13 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Maps

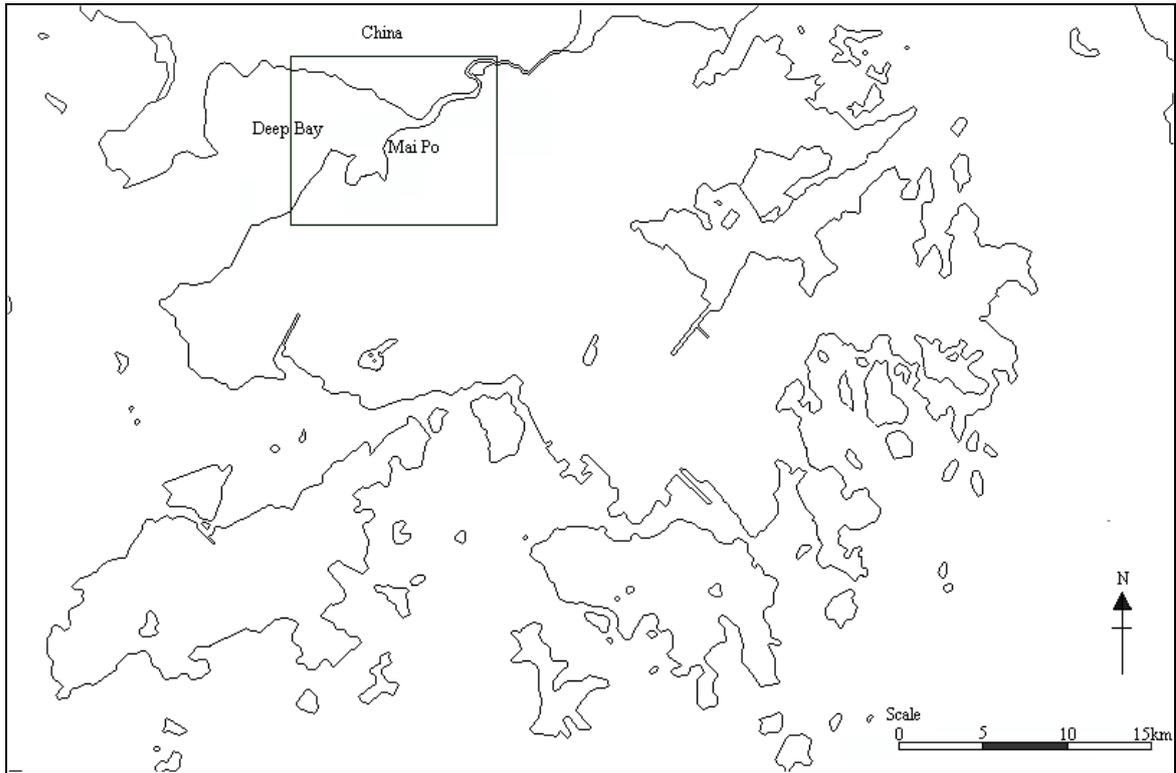


The Hong Kong Bird Watching Society

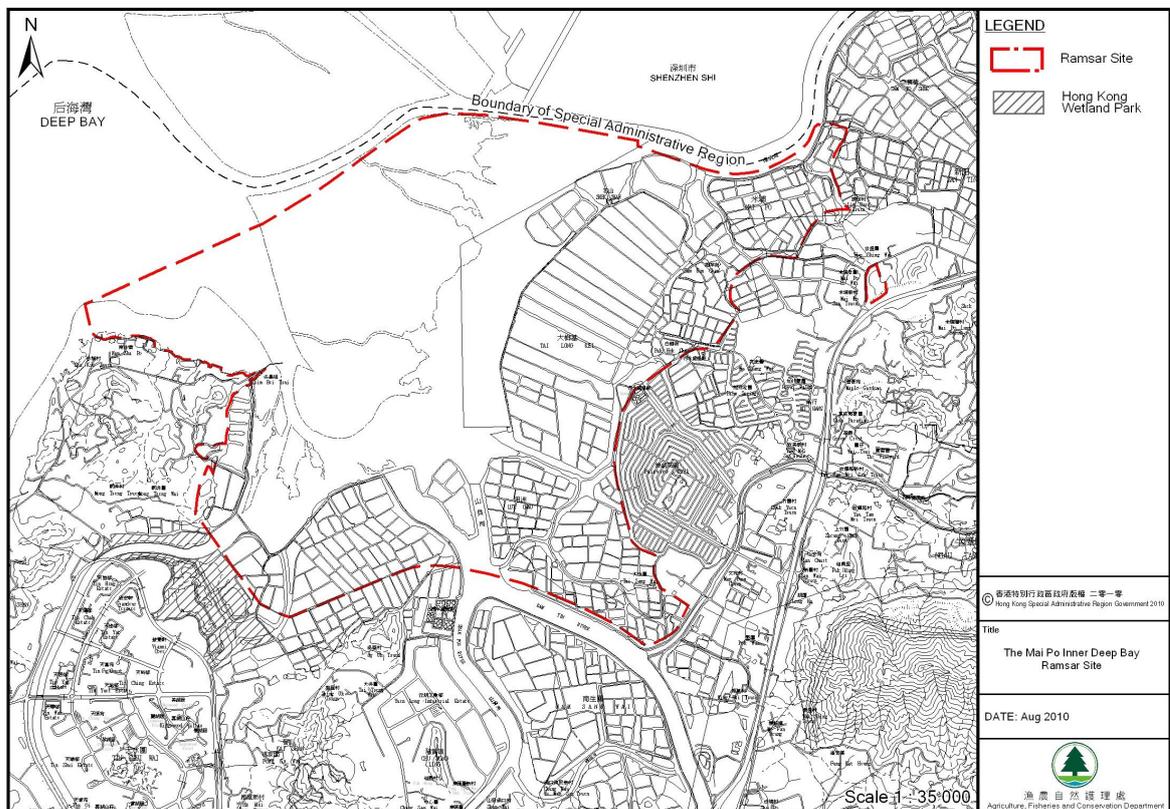


Agriculture, Fisheries and Conservation Department

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

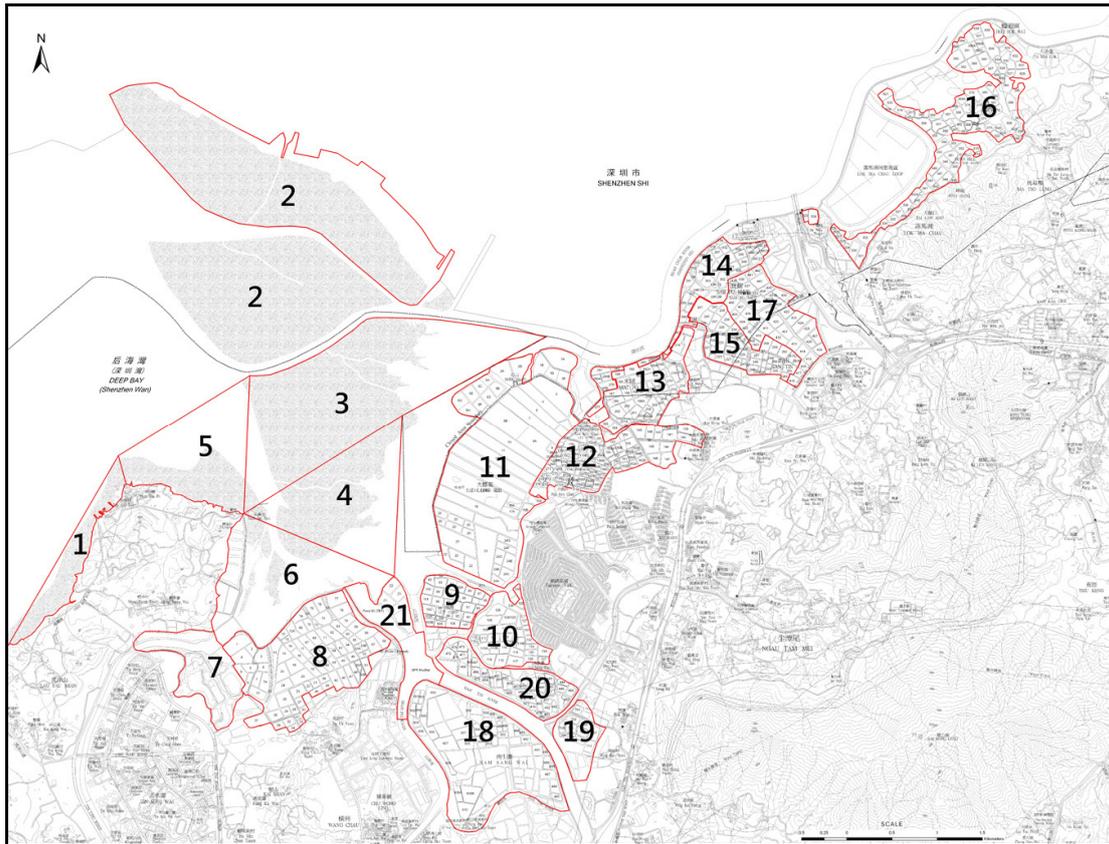


Map 2. Boundary of Mai Po Inner Deep Bay Ramsar Site.

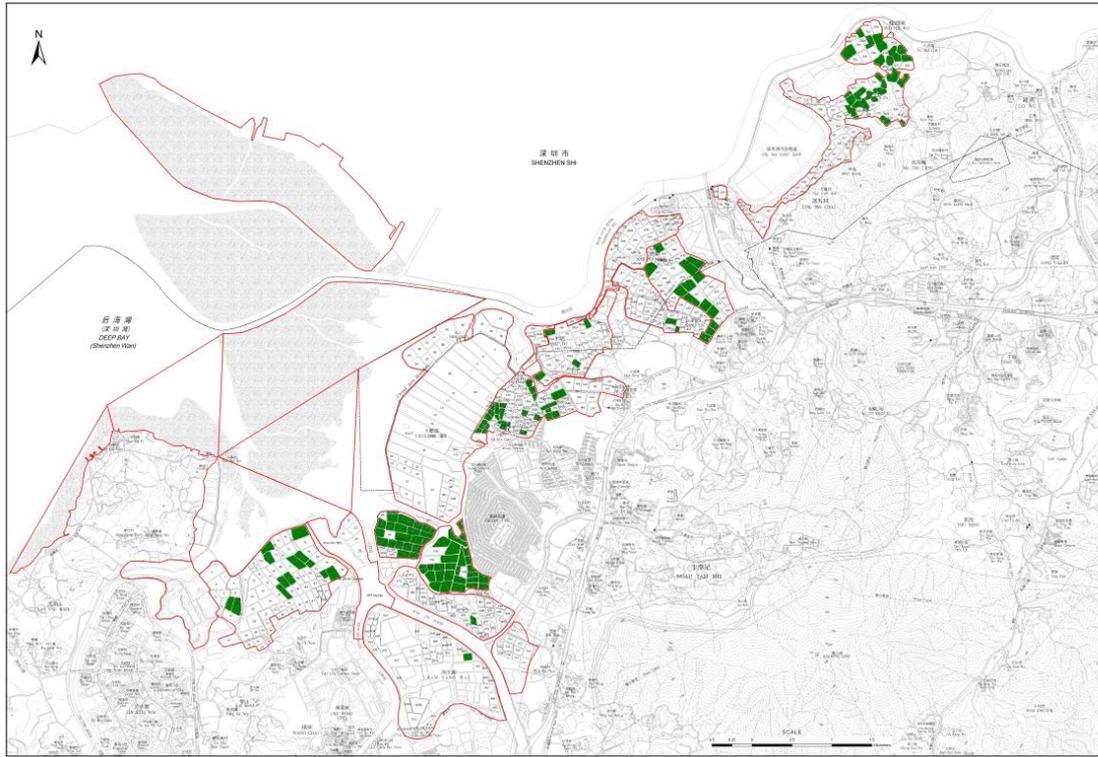


Source of map: AFCD

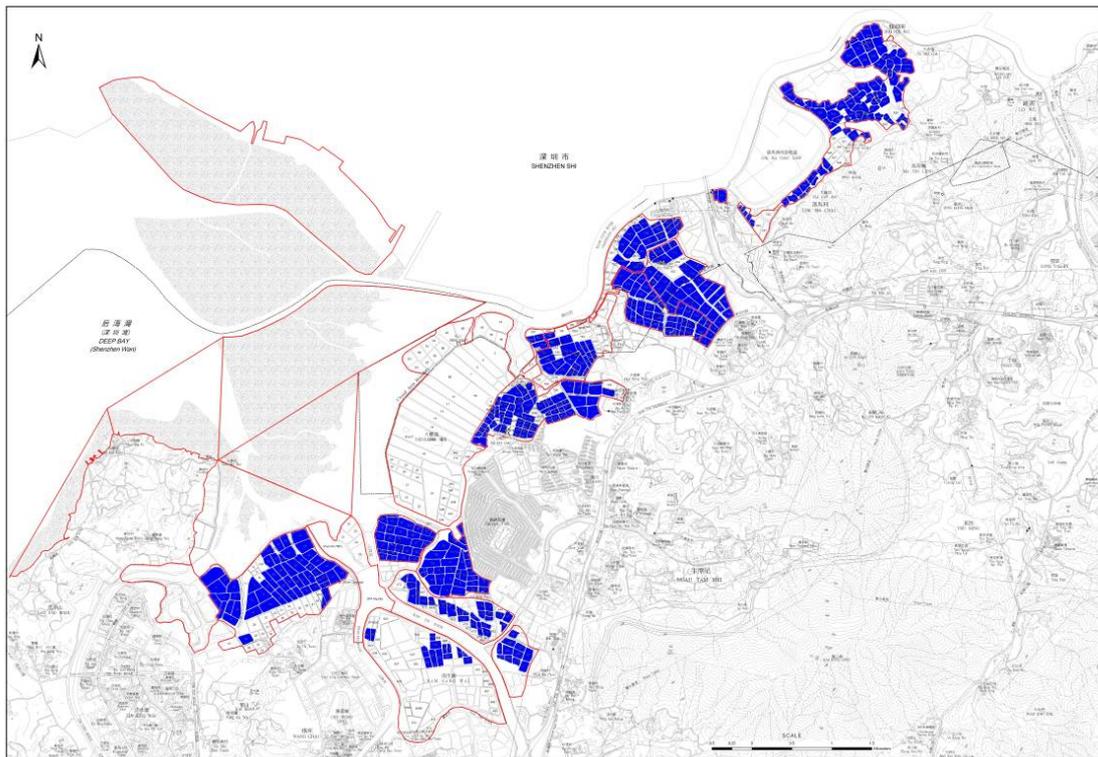
Map 3. Location of survey sites of the Waterbird Monitoring Programme (1: Tsim Bei Tsui to Lau Fau Shan; 2: Deep Bay 'A'; 3: Deep Bay 'B'; 4: Deep Bay 'C'; 5: Deep Bay 'D'; 6: Deep Bay 'E'; 7: Hong Kong Wetland Park; 8: Deep Bay 'F' (Tsim Bei Tsui fishpond); 9: Lut Chau; 10: Tai Sang Wai; 11: Mai Po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



Map 4. Distribution of wired ponds (in green) in the fishpond area of the Deep Bay area, surveyed from January to February 2013.



Map 5. Distribution of managed ponds (in blue) in the fishpond area of the Deep Bay area, surveyed from January to February 2013.



Winter 2012-13 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Appendix 1



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

Summary of Waterbird Count, October 2012

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|-----|-----|------|--------------|-------------------------|-------------|---------------|----------------|--|
| Little Grebe | 7 | 21 | 1 | | | | 5 | 20 | | 6 | 5 | | | | 41 | 1 | 17 | 17 | 12 | 32 | 8 | 65 | 5 | 78 | 193 | 3 | |
| Great Crested Grebe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Great Cormorant | 735 | 14 | 8 | | | | 2 | 148 | 3 | 41 | 15 | 5 | | | 33 | 3 | 3 | 175 | 453 | 7 | 84 | 366 | 5 | 455 | 1729 | | |
| Dalmatian Pelican | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Grey Heron | 130 | 67 | 48 | 11 | 23 | 3 | 1 | 34 | 40 | 41 | 11 | 25 | 1 | 8 | 58 | 7 | 13 | 45 | 9 | 25 | 155 | 149 | 71 | 375 | 755 | 14 | |
| Purple Heron | | 1 | | | | | | | | | | | | | | | | | | | 7 | | | 7 | 8 | | |
| Great Egret | 49 | 62 | 132 | 5 | 40 | 4 | 2 | 23 | 27 | 34 | 25 | 29 | 8 | 17 | 31 | 5 | 14 | 45 | 16 | 40 | 60 | 129 | 77 | 266 | 668 | 64 | |
| Intermediate Egret | 2 | | | | | | | | | 5 | | | | 2 | 1 | 2 | 1 | 1 | 3 | 28 | 4 | | | 32 | 45 | | |
| Little Egret | 30 | 42 | 171 | 15 | 32 | 14 | 2 | 10 | 16 | 43 | 20 | 13 | 12 | 58 | 78 | 16 | 41 | 191 | 16 | 29 | 38 | 344 | 77 | 459 | 887 | 90 | |
| Swinhoe's Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pacific Reef Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Cattle Egret | | | | | | | | | | | | 8 | | 1 | | 7 | 6 | 3 | 9 | | 1 | 16 | | 17 | 35 | 19 | |
| Chinese Pond Heron | 35 | 54 | 26 | | 1 | 2 | 2 | 8 | 3 | 114 | 4 | 3 | 1 | 7 | 47 | 9 | 5 | 30 | 23 | 29 | 16 | 89 | 7 | 112 | 419 | 1 | |
| Striated Heron | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| B-c Night Heron | | 16 | 11 | | | 1 | | | | 38 | | | | 1 | 1 | | | 6 | | 2 | 28 | 7 | 1 | 36 | 104 | 3 | |
| Yellow Bittern | | | 3 | | | | | 1 | | | | | | | | | | | 1 | 1 | | 2 | | 2 | 6 | | |
| Von Schrenck's Bittern | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | 1 | 1 | | |
| Cinnamon Bittern | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Great Bittern | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black Stork | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Oriental Stork | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 1 | | |
| Black-headed Ibis | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Eurasian Spoonbill | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black-faced Spoonbill | | | 15 | | 4 | | | | | | | | | | | | | | | | 7 | | 4 | 11 | 26 | | |
| Common Shelduck | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Eurasian Wigeon | | | 17 | | | 11 | | | | | | | 6 | | | | | | | 1 | 14 | | 11 | 25 | 49 | | |
| Falcated Duck | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Gadwall | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Baikal Teal | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Teal | 160 | | | | | | | | | | | | | | | | | | | | | 4 | | 4 | 164 | | |
| Mallard | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spot-billed Duck | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Chinese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Burmese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Northern Pintail | | | 17 | | | | | | | | | | | | | | | | | 5 | 4 | | | 4 | 26 | | |
| Garganey | 2 | | 8 | | | | | | | | | | | | | | | | | | | | | | 0 | 10 | |
| Northern Shoveler | | | 174 | 8 | | | | | 5 | 7 | | | | | | | | | | | 6 | | 13 | 19 | 200 | | |
| Common Pochard | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Baer's Pochard | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Tufted Duck | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Greater Scaup | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-breasted Merganser | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Duck sp. | | | 980 | | | | | | | | | | | | | | | | | | | | | | 0 | 980 | |
| Slaty-breasted Rail | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Water Rail | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| White-breasted Waterhen | | 20 | 4 | | | | | | 1 | 2 | 1 | | 4 | 13 | 2 | 4 | 8 | 5 | 4 | 6 | 23 | | | 29 | 74 | 1 | |
| Watercock | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Moorhen | 1 | 2 | 46 | | | | 1 | 2 | | 1 | 2 | 2 | | | 2 | | | 1 | 3 | | 6 | 9 | 1 | 16 | 69 | | |
| Eurasian Coot | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pheasant-tailed Jacana | 1 | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | 3 | | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|-----|
| Greater Painted Snipe | | | | | | | | | | | | 1 | | | | | | | | | | | | 0 | 1 | | |
| Black-winged Stilt | 5 | 5 | 79 | | | | | 11 | | 6 | 2 | 3 | | | 6 | 2 | | | | 6 | 9 | 111 | 21 | | 132 | 245 | |
| Pied Avocet | | | | | | | | | | | | | | | | | | | | | | 42 | | | 42 | 42 | |
| Oriental Pratincole | | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | 2 | |
| Northern Lapwing | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Grey-headed Lapwing | 1 | | 2 | | | | | | | | | | | | | | | | | | | | | | 0 | 3 | |
| Pacific Golden Plover | 5 | | 375 | | | | | | | | | | | | | | | | | | | | | 16 | 16 | 396 | |
| Grey Plover | | | | | | | | | | | | | | 1 | | | | | | | | | | 9 | 9 | 10 | |
| Common Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Little Ringed Plover | 3 | 2 | 2 | | | | | 21 | | | 5 | | | | 2 | 4 | 2 | 3 | 8 | 2 | 4 | 37 | | | 41 | 58 | |
| Kentish Plover | | | | | | | | | | | | | | 2 | | | | | | | | | | | 0 | 2 | |
| Lesser Sand Plover | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Greater Sand Plover | | | 2 | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 23 | |
| Black-tailed Godwit | | | | | | | | | | | | | | | | | | | | | | | | 502 | 502 | 502 | |
| Bar-tailed Godwit | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Whimbrel | | | | | | | | | | | | | | 1 | | | | | | | | | | 5 | 5 | 6 | |
| Eurasian Curlew | | | | | | | | | | | | | | | | | | | | | | | | 134 | 134 | 134 | |
| Far Eastern Curlew | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spotted Redshank | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | |
| Common Redshank | | | 45 | | | | | | | | | | | | | | | | | | | | | | 402 | 402 | 447 |
| Marsh Sandpiper | 1 | | 10 | | | | | | | 2 | | 17 | | | | 2 | | | | 1 | | | | 865 | 2 | 867 | 898 |
| Common Greenshank | 2 | | 179 | | | | | | 5 | 6 | | 4 | 31 | 1 | 5 | 1 | | | | 4 | 2 | 597 | 10 | | 607 | 837 | 1 |
| Nordmann's Greenshank | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| Green Sandpiper | 2 | 4 | | | | | | 6 | | 2 | | | | 1 | 1 | | 3 | 1 | 2 | 3 | | | 10 | | 10 | 25 | |
| Wood Sandpiper | 27 | 7 | 51 | | | | | 2 | | 2 | 2 | | | | 1 | 6 | 1 | 6 | 2 | 5 | 2 | | 17 | | 19 | 114 | |
| Terek Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Common Sandpiper | | 11 | 8 | | 1 | 1 | | 5 | 1 | 7 | | 2 | 1 | 6 | 7 | 4 | 4 | 9 | 11 | 7 | 2 | | 27 | 2 | 31 | 87 | 1 |
| Grey-tailed Tattler | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 0 | 1 |
| Ruddy Turnstone | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Red-necked Phalarope | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Pintail Snipe | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Swinhoe's Snipe | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Pintail/Swinhoe's Snipe | 2 | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | 0 | 4 |
| Common Snipe | 2 | | | | | | | | | 1 | | | | | 1 | | | | | 1 | | | | | | 2 | 7 |
| Long-billed Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Asian Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Red Knot | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Great Knot | | | 2 | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 6 |
| Sanderling | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Red-necked Stint | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Little Stint | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Temminck's Stint | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| Long-toed Stint | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Pectoral Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Sharp-tailed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Dunlin | | | 4 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 5 |
| Curlew Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Spoon-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Broad-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Ruff | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Small wader spp. | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 |
| Wader sp. | | | 30 | | | | | | | | | | | | | | | | | | | | | | | 0 | 30 |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | | |
|---|----------------------|-------------|--------------------|-------------|------------|-------------|------------|------------------|------------|------------|------------|------------|----------------|---------------|------------|-----------|------------|-------------|------------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|--|
| Black-tailed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Heuglin's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Yellow-legged Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Slaty-backed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Pallas's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Large Gull spp. | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Brown-headed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Black-headed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Saunders's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Whiskered Tern | | 5 | | | | | | | | | | | | | 1 | | | | | 10 | | 1 | | 1 | 16 | | | |
| White-winged Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Gull-billed Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Caspian Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Total | 1202 | 333 | 2450 | 39 | 101 | 36 | 15 | 291 | 100 | 357 | 93 | 114 | 60 | 111 | 328 | 70 | 115 | 543 | 584 | 215 | 3210 | 1329 | 274 | 4813 | 10367 | 197 | | |
| | Deep Bay Area | % | Ramsar Site | % | SI | % | | | | | | | | | | | | | | | | | | | | | | |
| Cormorants | 1729 | 17% | 455 | 9% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | | |
| Ardeids etc | 2955 | 29% | 1319 | 27% | 191 | 97% | | | | | | | | | | | | | | | | | | | | | | |
| Ducks, grebes, pelicans | 1622 | 16% | 130 | 3% | 3 | 2% | | | | | | | | | | | | | | | | | | | | | | |
| Rails, Coot etc | 143 | 1% | 45 | 1% | 1 | 1% | | | | | | | | | | | | | | | | | | | | | | |
| Shorebirds | 3902 | 38% | 2863 | 59% | 2 | 1% | | | | | | | | | | | | | | | | | | | | | | |
| Gulls and terns | 16 | 0% | 1 | 0% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 10367 | 100% | 4813 | 100% | 197 | 100% | | | | | | | | | | | | | | | | | | | | | | |
| Date of count: 14 Oct 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland-dependent species | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Species | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | | |
| Osprey | | 1 | 3 | | | | | 1 | | | | | | | | | | | | | 1 | 1 | | 2 | 6 | 1 | | |
| Black Kite | | | | | | | | 10 | 4 | 3 | | | | | 2 | 2 | 2 | 2 | 6 | 2 | 4 | 22 | | 26 | 37 | | | |
| White-bellied Sea Eagle | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Eastern Marsh Harrier | | | | | | | | | | 1 | | | | | | | | | | | 2 | | | 2 | 3 | | | |
| Common Buzzard | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Greater Spotted Eagle | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Imperial Eagle | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Peregrine Falcon | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pied Kingfisher | 1 | 3 | 2 | | | | | 2 | | 4 | 2 | | | | | | 4 | 2 | 1 | 1 | 1 | 8 | | 9 | 23 | 2 | | |
| Common Kingfisher | 2 | 20 | 5 | | | | | 4 | 1 | 7 | 1 | 1 | | | 5 | 2 | 5 | 6 | 5 | 3 | 5 | 21 | | 26 | 72 | 4 | | |
| White-throated Kingfisher | 1 | 3 | 6 | | | | | 1 | | 4 | | 1 | | | 1 | | | | 1 | 2 | 2 | 2 | | 4 | 22 | | | |
| Black-capped Kingfisher | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Red-billed Starling | 4 | | | | | | | | | | | | | | | | | | | | 3 | | | 3 | 7 | | | |
| Collared Crow | | | 2 | | | | | 4 | | | | 1 | | | 5 | 12 | | | | | 8 | 21 | | 29 | 32 | | | |

Summary of Waterbird Count, November 2012

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|-------------------------|------|-----|------|-----|-----|-----|------|-----------|-----|-----|-----|-----|---------|----------|-----|----|-----|------|-----|-----|------|--------------|-------------------------|-------------|---------------|----------------|--|
| Little Grebe | 12 | 22 | 4 | | | | | 13 | | 8 | 22 | | | 5 | 40 | 3 | 19 | 17 | 14 | 33 | 11 | 74 | | 85 | 223 | 4 | |
| Great Crested Grebe | | | | | 2 | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | | |
| Great Cormorant | 1182 | 502 | 213 | 120 | | | | 263 | 4 | 202 | 31 | 85 | | 1 | 49 | 1 | 16 | 47 | 193 | 240 | 809 | 330 | 124 | 1263 | 3958 | 5 | |
| Dalmatian Pelican | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Grey Heron | 73 | 48 | 73 | 4 | 1 | 3 | 25 | 26 | 59 | 138 | 11 | 98 | | 15 | 17 | | 3 | 24 | 1 | 23 | 203 | 78 | 90 | 371 | 845 | 20 | |
| Purple Heron | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | 2 | | |
| Great Egret | 106 | 27 | 102 | 45 | 9 | 6 | 15 | 20 | 42 | 59 | 5 | 18 | 1 | 10 | 17 | 20 | 12 | 11 | 21 | 50 | 232 | 44 | 117 | 393 | 828 | 42 | |
| Intermediate Egret | 1 | | 1 | | | | | | | | | | | | | | | | | | 2 | | | 2 | 4 | | |
| Little Egret | 214 | 34 | 59 | 81 | 1 | 4 | 1 | 73 | 8 | 27 | 12 | 3 | 10 | 29 | 103 | 8 | 18 | 11 | 99 | 54 | 39 | 202 | 95 | 336 | 888 | 24 | |
| Swinhoe's Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pacific Reef Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Cattle Egret | | 10 | 1 | | | | | 1 | | | | | | | 2 | | 11 | 2 | 14 | 13 | 2 | 8 | | 10 | 56 | | |
| Chinese Pond Heron | 23 | 40 | 9 | 3 | | | 2 | 2 | 3 | 9 | 13 | 13 | | | 20 | 6 | 7 | 31 | 9 | 21 | 18 | 67 | 8 | 93 | 229 | 2 | |
| Striated Heron | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| B-c Night Heron | 12 | 11 | 1 | | | | | | | 1 | | | | | | | | 11 | | 3 | 5 | 11 | | 16 | 44 | 1 | |
| Yellow Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | |
| Cinnamon Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Great Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black Stork | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Oriental Stork | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 1 | | |
| Black-headed Ibis | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Eurasian Spoonbill | | | | | | | | | | 1 | | | | | | | | | | | | | | 0 | 1 | | |
| Black-faced Spoonbill | 36* | | 51 | 8 | 1 | | 11 | 2 | 9 | 24 | | 61 | | | 1 | | | | 14* | | 155 | 2 | 20 | 177 | 323 | | |
| Common Shelduck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Eurasian Wigeon | 8 | | 81 | | | 18 | 21 | | | 5 | | 50 | 210 | | 1 | | | | | 6 | 141 | 1 | 39 | 181 | 541 | | |
| Falcated Duck | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Gadwall | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Baikal Teal | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Teal | 52 | | | | | | | | | 20 | | 27 | | | | | | | | | 11 | 40 | | 40 | 150 | | |
| Mallard | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spot-billed Duck | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Chinese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Burmese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Northern Pintail | | | 4 | | | | | | | 140 | | | 66 | | | | | | | 45 | 61 | | 140 | 201 | 316 | | |
| Garganey | | | | | | | | | | 4 | | 19 | | | | | | | | | | | | | 0 | 23 | |
| Northern Shoveler | | | 1859 | | 41 | | 17 | 15 | 200 | 446 | | 106 | 12 | | | | | | | 1 | 477 | 15 | 258 | 750 | 3174 | | |
| Common Pochard | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Baer's Pochard | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Tufted Duck | | | 1115 | | 365 | | 1190 | 29 | | 29 | | 1 | | | | | | | | | 76 | | 1555 | 1631 | 2805 | | |
| Greater Scaup | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-breasted Merganser | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Duck sp. | | | 2160 | | 550 | | | | | | | | | | | | | | | | | | | 550 | 550 | 2710 | |
| Slaty-breasted Rail | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Water Rail | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| White-breasted Waterhen | 1 | 11 | 12 | 2 | | | | 4 | | 1 | 9 | 1 | | 4 | 4 | 1 | 3 | 9 | 1 | 1 | 4 | 26 | 2 | 32 | 68 | 1 | |
| Watercock | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Moorhen | 1 | 15 | 55 | | | | | 2 | | 4 | | 7 | | 4 | 11 | | | 2 | | | 10 | 15 | | 25 | 111 | 11 | |
| Eurasian Coot | | | 7 | | | | | 1 | | | | | | | | | | | | | 1 | | | 1 | 9 | | |
| Pheasant-tailed Jacana | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Greater Painted Snipe | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Black-winged Stilt | 4 | | 123 | | | | | 1 | 23 | 124 | | 2 | | | 3 | 2 | | | 1 | 19 | 4 | 5 | 23 | 32 | 306 | |
| Pied Avocet | 2 | | 197 | | | | | | 4 | 20 | | | | | | | | | | 1 | | | 4 | 4 | 224 | |
| Oriental Pratincole | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Northern Lapwing | 2 | | | | | | | | | | | | | | | | | | | | | | | 0 | 2 | |
| Grey-headed Lapwing | | 1 | 3 | | | | | | | | | | | | | | | | | | | | | 0 | 4 | |
| Pacific Golden Plover | | | 3 | | | | | | | | | | | | | | | | | | | | | 0 | 3 | |
| Grey Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Little Ringed Plover | 2 | 9 | 8 | | | | | | | | | 12 | | 11 | 6 | | | 1 | | 1 | 3 | 7 | | 10 | 53 | |
| Kentish Plover | | | 22 | | | | | | | | | 2 | | | | | | | | | | | | 0 | 24 | |
| Lesser Sand Plover | | | 1 | 29 | | | | | | | | | | | | | | | | | | | | 29 | 29 | 30 |
| Greater Sand Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black-tailed Godwit | | | 1 | | | | | | | | | | | | | | | | | | | | | 0 | 1 | |
| Bar-tailed Godwit | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| Whimbrel | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Eurasian Curlew | | | 1 | 56 | | | | | | | | | | | | | | | | | | | | 56 | 56 | 57 |
| Far Eastern Curlew | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spotted Redshank | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | 2 | |
| Common Redshank | | | 8 | | | | | | | | | | | | | | | | | | | | | 0 | 8 | |
| Marsh Sandpiper | | | 30 | 584 | | | | | | 43 | | 7 | | | | | | | | | | 21 | | 584 | 605 | 685 |
| Common Greenshank | | | 60 | 380 | | | 2 | | 15 | 4 | | 35 | 20 | | 3 | 1 | | | | | 6 | 3 | 397 | 406 | 526 | 1 |
| Nordmann's Greenshank | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Green Sandpiper | 2 | 9 | | | | | | 1 | | | | 3 | | 1 | | | 3 | 4 | 3 | 5 | | 6 | | 6 | 31 | |
| Wood Sandpiper | 8 | 14 | 6 | | | | | | 3 | | | 5 | | | 6 | | 2 | 1 | 3 | 3 | | 7 | 3 | 10 | 51 | |
| Terek Sandpiper | | | 1 | | | | | | | | | | | | | | | | | | | | | 0 | 1 | |
| Common Sandpiper | 4 | 8 | 7 | 3 | | | | | | | 5 | 1 | | 1 | 8 | 3 | 10 | 7 | 7 | 10 | 2 | 30 | 3 | 35 | 76 | 3 |
| Grey-tailed Tattler | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Ruddy Turnstone | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-necked Phalarope | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pintail Snipe | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Swinhoe's Snipe | 1 | | | | | | | | | | | | | | | | | | | | | | | 0 | 1 | |
| Pintail/Swinhoe's Snipe | | 1 | | | | | | | | | | | | | | | | | | | | | | 0 | 1 | |
| Common Snipe | 6 | 5 | 4 | | | | | | | | | | | | | | | 1 | 1 | | | 1 | | 1 | 17 | |
| Long-billed Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Asian Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red Knot | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Great Knot | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| Sanderling | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-necked Stint | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Little Stint | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Temminck's Stint | | 1 | | | | | | | | 2 | | | | | | | | | | | | | | 0 | 3 | |
| Long-toed Stint | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pectoral Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Sharp-tailed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Dunlin | | | 1 | 480 | | | | | | | | | | | | | | | | | | | | 480 | 480 | 481 |
| Curlew Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spoon-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Broad-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Ruff | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Small wader spp. | | | | | 300 | | 140 | | | | | | | | | | | | | | | | | 440 | 440 | 440 |
| Wader sp. | | | 710 | | | | | | | | | | | | | | | | | | | | | 0 | 710 | |
| Black-tailed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|---|----------------------|-------------|--------------------|-------------|-------------|-------------|-------------|------------------|------------|-------------|------------|------------|----------------|---------------|------------|-----------|------------|-------------|------------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|
| Heuglin's Gull# | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | |
| Yellow-legged Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Slaty-backed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pallas's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Large Gull spp. | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Brown-headed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black-headed Gull# | | | 1 | 329 | | | | | | | | | | | | | | | | | | | 329 | 329 | 330 | | |
| Saunders's Gull# | | | | 6 | | | | | | | | | | | | | | | | | | | 6 | 6 | 6 | | |
| Whiskered Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| White-winged Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Gull-billed Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Caspian Tern# | | | | 2 | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | | |
| Total | 1716 | 768 | 6994 | 2135 | 1270 | 31 | 1424 | 453 | 510 | 1171 | 108 | 556 | 319 | 81 | 291 | 45 | 104 | 179 | 367 | 540 | 2327 | 932 | 5359 | 8618 | 21389 | 115 | |
| | Deep Bay Area | % | Ramsar Site | % | SI | % | | | | | | | | | | | | | | | | | | | | | |
| Cormorants | 3958 | 19% | 1263 | 15% | 5 | 4% | | | | | | | | | | | | | | | | | | | | | |
| Ardeids etc | 3221 | 15% | 1401 | 16% | 90 | 78% | | | | | | | | | | | | | | | | | | | | | |
| Ducks, grebes, pelicans | 9944 | 46% | 3440 | 40% | 4 | 3% | | | | | | | | | | | | | | | | | | | | | |
| Rails, Coot etc | 188 | 1% | 58 | 1% | 12 | 10% | | | | | | | | | | | | | | | | | | | | | |
| Shorebirds | 3739 | 17% | 2118 | 25% | 4 | 3% | | | | | | | | | | | | | | | | | | | | | |
| Gulls and terns | 339 | 2% | 338 | 4% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 21389 | 100% | 8618 | 100% | 115 | 100% | | | | | | | | | | | | | | | | | | | | | |
| Date of count: 11 Nov 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland-dependent species | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Species | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
| Osprey | | 1 | 4 | 2 | 1 | | | | | | | | | | 2 | | | | | 1 | 1 | 2 | | 3 | 12 | 1 | |
| Black Kite | | 1 | 1 | | | 2 | | 2 | | | | | | 3 | 4 | 2 | | | | 5 | 7 | 8 | 2 | 17 | 27 | | |
| White-bellied Sea Eagle | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Eastern Marsh Harrier | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Common Buzzard | | 1 | 1 | | | 1 | | | | | | 1 | | | 1 | | | | | | | 1 | | 1 | 5 | | |
| Greater Spotted Eagle | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | | |
| Imperial Eagle | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | 2 | 2 | | |
| Peregrine Falcon | | | | | | | | | | | | | | 1 | | | | | | | 1 | 1 | | 2 | 2 | | |
| Pied Kingfisher | 1 | 1 | 5 | | | | | | 2 | | | | | | 2 | 2 | | 1 | | 1 | 3 | 3 | 2 | 8 | 18 | 2 | |
| Common Kingfisher | 2 | 17 | 6 | 1 | | | | | | 1 | 4 | 5 | | 2 | 6 | 5 | 1 | 6 | 4 | 3 | 5 | 18 | 1 | 24 | 68 | 4 | |
| White-throated Kingfisher | 2 | 3 | 2 | 1 | | | | | 1 | | | 1 | | | | | 1 | 1 | | | 2 | 2 | 2 | 6 | 14 | 2 | |
| Black-capped Kingfisher | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | |
| Red-billed Starling | 354 | 30 | 6 | | | | | | | 6 | | | | | 1 | 10 | | | | | 532 | 11 | | 543 | 939 | | |
| Collared Crow | | 3 | 3 | | | | | 1 | | 2 | | | | | 3 | 2 | | | 1 | | 15 | 6 | | 21 | 30 | 1 | |
| Common Kestrel | | | | | | | | | | | | | | | | | | | | 1 | | | | 0 | 1 | | |
| Black-winged Kite | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 | 1 | | |

Summary of Waterbird Count, December 2012

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|------|------|------|-------|-----|-----|-----|-----------|-----|------|-----|------|---------|----------|-----|-----|-----|------|-----|------|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe | 6 | 35 | 6 | | | | | 17 | | 8 | 11 | 2 | | 20 | 33 | | 9 | 16 | 3 | 20 | 31 | 49 | | 80 | 217 | 1 |
| Great Crested Grebe | | | 7 | | 6 | | 18 | | | | | | 8 | | | | | | | | 476 | | 24 | 500 | 515 | |
| Great Cormorant# | 621* | 316* | 143* | 1790* | | | | 232* | 1* | 5543 | 50* | 118* | | | 66* | 1* | 45* | 136* | 90* | 103* | 2635 | 411* | | 2635 | 8178 | 77 |
| Dalmatian Pelican | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Grey Heron | 87 | 76 | 31 | 12 | 2 | | 15 | 24 | 24 | 122 | 6 | 58 | | 19 | 34 | 12 | 18 | 19 | 5 | 14 | 127 | 99 | 53 | 279 | 705 | 52 |
| Purple Heron | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | 3 | | | 3 | 6 | |
| Great Egret | 88 | 89 | 33 | 123 | 49 | | 55 | 14 | 17 | 46 | 9 | 2 | | 21 | 18 | 4 | 11 | 24 | 11 | 18 | 69 | 68 | 244 | 381 | 701 | 67 |
| Intermediate Egret | | | | | | | | | | | | | | | | | 2 | 1 | | | 7 | 3 | | 10 | 10 | |
| Little Egret | 25 | 50 | 63 | 71 | 4 | | 9 | 16 | 20 | 35 | 16 | 5 | | 14 | 75 | 100 | 34 | 11 | 12 | 25 | 139 | 242 | 104 | 485 | 724 | 16 |
| Swinhoe's Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pacific Reef Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Cattle Egret | 8 | 11 | | | | | | | | | | | | | 1 | 1 | 17 | 2 | 4 | 2 | | 21 | | 21 | 46 | |
| Chinese Pond Heron | 32 | 19 | 10 | 6 | | | | 6 | 13 | 19 | 9 | 2 | | 1 | 12 | 1 | 13 | 12 | 4 | 17 | 7 | 47 | 19 | 73 | 183 | 2 |
| Striated Heron | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| B-c Night Heron | | 21 | | | | | | 1 | | | | | | | | | | 3 | | | 2 | 3 | | 5 | 27 | 8 |
| Yellow Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Cinnamon Bittern | 1 | | | | | | | | | | | | | | | | | | | | | | | 0 | 1 | |
| Great Bittern | 1 | | | | | | | | | | | | | | | | | | | | 3 | | | 3 | 4 | |
| Black Stork | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Oriental Stork | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| Black-headed Ibis | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Eurasian Spoonbill | | | | | | | | | | | | | | | | | | | | | 3 | | | 3 | 3 | |
| Black-faced Spoonbill | 15 | | 19 | | 19 | | | | 39 | 1 | | 53 | | | | 1 | | 6 | | | 124 | 7 | 58 | 189 | 277 | |
| Common Shelduck | | | | | | | | | | | | | | 1 | | | | | | | | | | 0 | 1 | |
| Eurasian Wigeon | 46 | | | | | 285 | 7 | | | 23 | | 66 | 66 | | 6 | | | | | 6 | 402 | 6 | 292 | 700 | 907 | |
| Falcated Duck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Gadwall | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Baikal Teal | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Teal | 294 | 22 | | | | | 3 | | 10 | 114 | | 53 | | | | | | | | | 16 | | 13 | 29 | 512 | |
| Mallard | | | | 2 | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 |
| Spot-billed Duck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Chinese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Burmese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Northern Pintail | 1 | | | | | 21 | | | | 4 | | 15 | 20 | | | | | | | 1 | 67 | | 21 | 88 | 129 | |
| Garganey | | | | | | | | | | | | 33 | | | | | | | | | 7 | | | 7 | 40 | |
| Northern Shoveler | 61 | 6 | 275 | | 80 | 108 | 41 | 4 | 152 | 327 | | 244 | 700 | | | | | | | | 773 | 10 | 381 | 1164 | 2771 | |
| Common Pochard | | | | | | | | | 5 | | | | | | | | | | | | | | | 0 | 5 | |
| Baer's Pochard | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | 2 | |
| Tufted Duck | | | 444 | | | | 12 | 103 | 25 | 100 | | | 4500 | | 14 | | | | | | 789 | 14 | 37 | 840 | 5987 | |
| Greater Scaup | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-breasted Merganser | | | | | | | | | | | | | | | | 1 | | | | | | 1 | | 1 | 1 | |
| Duck sp. | | | 220 | 1860 | | | | | | | | | | | | | | | | | | | | 1860 | 1860 | 2080 |
| Slaty-breasted Rail | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Water Rail | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| White-breasted Waterhen | 1 | 4 | 9 | | | | | 1 | | 1 | | | | | | | | 5 | | 1 | 1 | 6 | | 7 | 23 | 1 |
| Watercock | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Moorhen | 5 | 12 | 37 | | | | | | | 3 | | 3 | | 6 | | | | | | | 1 | | | 21 | 91 | 25 |
| Eurasian Coot | 1 | | | | | | | 1 | | | | | | | | | | | | | 3 | | | 3 | 5 | 1 |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|-------------------------|-----|-----|-----|------|-----|-----|-----|-----------|-----|-----|-----|-----|---------|----------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|---|
| Pheasant-tailed Jacana | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Greater Painted Snipe | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black-winged Stilt | 6 | 13 | 300 | | | | | | 120 | 150 | | 3 | | | 1 | 2 | 1 | | | 5 | 2 | 17 | 4 | 120 | 141 | 620 | |
| Pied Avocet | 40 | 167 | 678 | 816 | 14 | | | | 93 | 354 | | 15 | | 8 | 2 | 4 | 11 | | | 3 | 1 | 186 | 16 | 923 | 1125 | 2392 | |
| Oriental Pratincole | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Northern Lapwing | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Grey-headed Lapwing | | | 4 | | | | | | | | | | | | | | | | | | | | | | 0 | 4 | |
| Pacific Golden Plover | | | 8 | 12 | | | | | | | | | | | | | | | | | | | | 12 | 12 | 20 | |
| Grey Plover | | | | 474 | | | | | | | | | | | | | | | | | | 2 | | 474 | 476 | 476 | |
| Common Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Little Ringed Plover | 6 | 10 | 1 | | | | | | | | 5 | 4 | | 1 | 6 | | 9 | 1 | 1 | | | | 21 | | 21 | 44 | |
| Kentish Plover | | 1 | 12 | 530 | | | | | | | | 1 | | | | | | | | | | | | 530 | 530 | 544 | |
| Lesser Sand Plover | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Greater Sand Plover | | | | | | | | | | | | | | 1 | | | | | | | | | | | 0 | 1 | |
| Black-tailed Godwit | | | 300 | | | | | | | | | | | | | | | | | | | | | | 0 | 300 | |
| Bar-tailed Godwit | | | | 1 | | | | | 2 | | | | | | | | | | | | | | | 3 | 3 | 3 | |
| Whimbrel | | | | 4 | | | | | | 9 | | | | | | | | | | | | | | 4 | 4 | 13 | |
| Eurasian Curlew | | | 65 | 156 | 2 | | 34 | | 5 | 1 | | | | | | | | | | | | 3 | | 197 | 200 | 266 | |
| Far Eastern Curlew | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spotted Redshank | 1 | | | 25 | | | | | | 155 | | | | | | | | | | | | 1 | | 25 | 26 | 182 | |
| Common Redshank | | | 17 | 56 | | | | | 35 | | | 2 | | | | 14 | 1 | | | | | | 15 | 91 | 106 | 125 | |
| Marsh Sandpiper | | | 12 | 233 | | | | | 30 | 111 | | 3 | | | | | | 1 | | | 1 | 1 | 1 | 263 | 265 | 392 | |
| Common Greenshank | | 1 | 39 | 199 | | | | | 10 | 98 | | 7 | | 3 | 3 | | 1 | | | | | 8 | 4 | 209 | 221 | 369 | 1 |
| Nordmann's Greenshank | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Green Sandpiper | 2 | 12 | | | | | | 2 | | | | | | 1 | | 1 | 3 | 3 | | | 2 | | 9 | | 9 | 26 | |
| Wood Sandpiper | 10 | 3 | | | | | | | | 2 | | 2 | | | 6 | | 1 | 1 | 2 | 1 | | | 8 | | 8 | 28 | |
| Terek Sandpiper | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| Common Sandpiper | 1 | 12 | 20 | 4 | | | | 1 | | | 3 | | 1 | | 4 | 1 | 5 | 2 | 4 | 1 | | 13 | 4 | 17 | 59 | 1 | |
| Grey-tailed Tattler | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Ruddy Turnstone | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-necked Phalarope | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pintail Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Swinhoe's Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pintail/Swinhoe's Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Snipe | | 2 | 2 | | | | | | | | | | | | | | 1 | | | | | | 1 | | 1 | 5 | |
| Long-billed Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Asian Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red Knot | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Great Knot | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Sanderling | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-necked Stint | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Little Stint | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Temminck's Stint | | | | | | | | | | | | | | | | | 4 | | | | | | 4 | | 4 | 4 | |
| Long-toed Stint | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pectoral Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Sharp-tailed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Dunlin | | | | 1284 | | | | | | 5 | | | | | | | | | | | | | | 1284 | 1284 | 1289 | |
| Curlew Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spoon-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Broad-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Ruff | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|---|---------------|-------------|--------------|--------------|------------|-------------|------------|------------------|------------|-------------|------------|------------|----------------|-----------------|------------|------------|------------|-------------|-----------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|---|
| Small wader spp. | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Wader sp. | | | 4002 | | | | | | | | | | | | | | | | | | | | | 0 | 4002 | | |
| Black-tailed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Heuglin's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Yellow-legged Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Slaty-backed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pallas's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Large Gull spp. | | | | 83 | | | | | | | | | | 5 | | | | | | | | | | 83 | 83 | 88 | |
| Brown-headed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black-headed Gull# | 2* | | 1930* | 6993 | | 8* | | | | | | | | | | 100* | | | | | | | 100* | 6993 | 6993 | 6993 | |
| Saunders's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Whiskered Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| White-winged Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Gull-billed Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Caspian Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Total | 739 | 567 | 6614 | 12946 | 176 | 414 | 194 | 190 | 595 | 7236 | 59 | 574 | 5295 | 101 | 215 | 142 | 141 | 108 | 54 | 116 | 5924 | 673 | 14325 | 20922 | 42400 | 252 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Deep Bay Area | % | Ramsar Site | % | SI | % | | | | | | | | | | | | | | | | | | | | | |
| Cormorants | 8178 | 19% | 2635 | 13% | 77 | 31% | | | | | | | | | | | | | | | | | | | | | |
| Ardeids etc | 2688 | 6% | 1453 | 7% | 145 | 58% | | | | | | | | | | | | | | | | | | | | | |
| Ducks, grebes, pelicans | 13169 | 31% | 5273 | 25% | 1 | 0% | | | | | | | | | | | | | | | | | | | | | |
| Rails, Coot etc | 119 | 0% | 31 | 0% | 27 | 11% | | | | | | | | | | | | | | | | | | | | | |
| Shorebirds | 11165 | 26% | 4454 | 21% | 2 | 1% | | | | | | | | | | | | | | | | | | | | | |
| Gulls and terns | 7081 | 17% | 7076 | 34% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 42400 | 100% | 20922 | 100% | 252 | 100% | | | | | | | | | | | | | | | | | | | | | |
| Date of count: 16 Dec 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland-dependent species | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Species | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
| Osprey | | 1 | | 6 | | | 2 | | | 1 | | | | | | | | | | | 1 | | 8 | 9 | 11 | 1 | |
| Black Kite | | 7 | | | | | | 7 | | 7 | | | | 3 | 1 | 14 | 1 | 4 | 4 | 4 | 18 | 26 | | 44 | 70 | | |
| White-bellied Sea Eagle | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| Eastern Marsh Harrier | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| Common Buzzard | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | 2 | |
| Greater Spotted Eagle | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| Imperial Eagle | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | |
| Peregrine Falcon | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| Pied Kingfisher | 2 | 5 | | | | | 2 | | | | | | | 2 | | | | 2 | 1 | | 3 | 2 | 1 | 2 | 7 | 17 | 1 |
| Common Kingfisher | 1 | 1 | | 1 | | | | 1 | 1 | 1 | 2 | | | 2 | 3 | | 2 | 5 | 2 | | 8 | 12 | 2 | 22 | 30 | 3 | |
| White-throated Kingfisher | 3 | 2 | | 2 | | | | 1 | | | | | | | | | | | | | | | | | 7 | 13 | 2 |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|---------|----------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|---|
| Black-capped Kingfisher | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | |
| Red-billed Starling | 132 | | | | | | | | | 31 | | | | | | 55 | | | | | 149 | 45 | 55 | | 100 | 412 | 5 |
| Collared Crow | | | | | | | | 3 | | 1 | 2 | | | 1 | | 5 | 5 | | | | | 9 | 15 | | 24 | 26 | 1 |

Summary of Waterbird Count, January 2013

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|------|------|------|-----|-----|-----|-----------|-----|------|-----|-----|---------|--------|-----|----|-----|------|-----|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe | 21 | 27 | 10 | | | | | 20 | | 3 | 14 | 1 | | 6 | 34 | | 14 | 11 | 1 | 38 | 36 | 62 | | 98 | 236 | 6 |
| Great Crested Grebe | | | 34 | | 15 | 2 | 1 | | | | | | | 24 | | | | | | | | | 18 | 18 | 76 | 2 |
| Great Cormorant# | 69* | 292* | 122* | | | | | 101* | 80* | 6035 | 35* | 86* | | 2* | 81* | 1* | 2* | 68* | 96* | 15* | 4534 | 366* | | 4534 | 10569 | 135 |
| Dalmatian Pelican | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Grey Heron | 49 | 119 | 89 | 11 | | | 18 | 28 | 76 | 5 | 7 | 42 | | 9 | 25 | 1 | 1 | 117 | 17 | 24 | 154 | 153 | 105 | 412 | 792 | 25 |
| Purple Heron | | | | | | | | | | | | | | | 1 | | | | | | 4 | | | 4 | 5 | |
| Great Egret | 15 | 49 | 160 | 94 | | | 6 | 90 | 116 | 3 | 9 | 5 | | 3 | 18 | | 4 | 79 | 2 | 39 | 28 | 140 | 216 | 384 | 720 | 49 |
| Intermediate Egret | 2 | | | 2 | | | | 1 | | | | | | | | | 1 | | | 2 | 5 | 1 | 2 | 8 | 13 | |
| Little Egret | 16 | 38 | 116 | 21 | | 1 | 6 | 126 | 41 | 2 | 4 | 2 | 2 | 31 | 76 | 1 | 52 | 84 | 8 | 42 | 36 | 226 | 69 | 331 | 705 | 11 |
| Swinhoe's Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pacific Reef Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Cattle Egret | 4 | 1 | | | | | | 6 | | | | | | | | | 23 | 6 | | 12 | 2 | 34 | | 36 | 54 | |
| Chinese Pond Heron | 18 | 34 | 20 | 6 | | | | 18 | 9 | 4 | 3 | | 1 | 5 | 20 | 3 | 2 | 14 | 10 | 22 | 7 | 46 | 15 | 68 | 196 | 2 |
| Striated Heron | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 | 1 | 1 |
| B-c Night Heron | | 4 | | | | | | | | 1 | | | | | | | | | | 1 | 5 | | | 5 | 11 | 1 |
| Yellow Bittern | | | | | | | | 1 | | | | | | | | | | | | | | | | 0 | 1 | |
| Cinnamon Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Great Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black Stork | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black-headed Ibis | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Eurasian Spoonbill | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black-faced Spoonbill | 18 | | 37 | 22 | 5 | | 8 | 22 | 18 | 2 | | 21 | | | 10 | | 1 | 12 | | 23 | 76 | | 41 | 117 | 275 | |
| Common Shelduck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Eurasian Wigeon | 6 | 11 | 390 | 1301 | 10 | 95 | 16 | | | | | 57 | | | | | | | | | 354 | | 1422 | 1776 | 2240 | |
| Falcated Duck# | | | | | | | | | | | | | | | | | | | | | 5 | | | 5 | 5 | |
| Gadwall | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Baikal Teal | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Teal | 71 | 68 | | 91 | 120 | | | | | 41 | | 34 | | | | | | | | 4 | 52 | | 211 | 263 | 481 | |
| Mallard | | | | 2 | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| Spot-billed Duck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Chinese Spotbill | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | |
| Burmese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Northern Pintail | | | 310 | 862 | | | | | | | | 23 | | | | | | | | 16 | 209 | | 862 | 1071 | 1420 | |
| Garganey | 2 | | | | | | | | | 1 | | | | | | | | | | | 4 | | | 4 | 7 | |
| Northern Shoveler | 91 | 38 | 1061 | 180 | 6 | 3 | | | 50 | 60 | | 73 | | | 2 | | | | | 4 | 657 | | 239 | 896 | 2225 | |
| Common Pochard | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | |
| Baer's Pochard# | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | 2 | |
| Tufted Duck | 180 | | 1619 | | 98 | 430 | 22 | 28 | 400 | | | | | | 12 | | | | | | 964 | | 950 | 1914 | 3753 | |
| Greater Scaup | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-breasted Merganser | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Duck sp. | | | 1600 | | | | | | | | | | | | | | | | | | | | | 0 | 1600 | |
| Slaty-breasted Rail | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Water Rail | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| White-breasted Waterhen | 1 | 3 | | 2 | | | | 5 | | 2 | | 1 | | | 5 | | | | | 3 | 2 | 10 | 2 | 14 | 24 | 1 |
| Watercock | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Moorhen | 5 | 5 | 30 | 2 | | | | 7 | | | | 10 | | 8 | 13 | | | | | 8 | 39 | 12 | 2 | 53 | 127 | 20 |
| Eurasian Coot | | | 7 | | | | | | | | | | | | | | | | | | 5 | | | 5 | 12 | |
| Pheasant-tailed Jacana | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Greater Painted Snipe | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black-winged Stilt | 7 | 1 | 285 | | | | | 2 | 135 | 24 | | 3 | | | | | | | | 1 | 4 | 10 | 4 | 14 | 472 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|-------------------------|-----|-----|------|------|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|---|
| Pied Avocet | 23 | | 3635 | 4210 | 10 | | 25 | | 610 | | | 34 | | | | | | 2 | | 3 | 19 | | 4245 | 4264 | 8571 | | |
| Oriental Pratincole | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Northern Lapwing | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Grey-headed Lapwing | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pacific Golden Plover | | | 357 | 21* | | | | | | | | | | | | | | | | | | | | 21 | 21 | 357 | |
| Grey Plover# | | | | 607 | | | | | | | | | | | | | | | | | 2* | | 607 | 607 | 607 | 4 | |
| Common Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Little Ringed Plover | 5 | 4 | 2 | | | | | | | | | 13 | | | 1 | | 6 | 5 | 22 | 1 | | 11 | | 11 | 59 | 5 | |
| Kentish Plover# | | | 1 | 3220 | | | | | | | | | | | | | | | | | | | 3220 | 3220 | 3221 | 2 | |
| Lesser Sand Plover# | | | | 21 | | | | | | | | | | | | | | | | | | | 21 | 21 | 21 | | |
| Greater Sand Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black-tailed Godwit# | | | | 340 | | | | | | | | | | | | | | | | | | | | 340 | 340 | 340 | |
| Bar-tailed Godwit# | | | | 8 | | | | | | | | | | | | | | | | | | | | 8 | 8 | 8 | |
| Whimbrel# | | | | 3 | | | | | | | | | 34 | | | | | | | | | | | 3 | 3 | 37 | |
| Eurasian Curlew | | | 180 | 939 | | | 2 | | | | | 1 | | | | | | | | | | | | 941 | 941 | 1122 | |
| Far Eastern Curlew | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Spotted Redshank# | 1 | | | 15 | | | | | | | | | | | | | | 1 | | | | | | 15 | 16 | 18 | |
| Common Redshank# | | | 631 | 124 | | | | 3 | | 1 | | 16 | | | | | | | | | | | | 124 | 134 | 785 | |
| Marsh Sandpiper# | | | 1 | 332 | | | | | | 68 | | 239 | | | | | 1 | | 3 | 7 | 1 | | | 332 | 333 | 652 | |
| Common Greenshank# | 1 | | 185 | 300 | | | | 2 | 27 | 3 | | 102 | 19 | 2 | 4 | 1 | 4 | | | 1 | 94 | | | 300 | 394 | 745 | |
| Nordmann's Greenshank# | | | | 2 | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| Green Sandpiper | 5 | 8 | | | | | | | | | | | | 2 | 1 | | | 7 | 4 | 3 | 1 | 8 | | | 9 | 32 | |
| Wood Sandpiper | 18 | 4 | 25 | 3 | | | | 5 | | 15 | | | | | 2 | 1 | 6 | 2 | 2 | 1 | 1 | 14 | | 3 | 18 | 85 | |
| Terek Sandpiper# | | | | 9 | | | | | | | | | | | | | | | | | | | | | 0 | 9 | |
| Common Sandpiper | 3 | 7 | 7 | 2 | | 1 | | 6 | | 1 | 3 | 1 | | 1 | 10 | 5 | 5 | 4 | 9 | 8 | 3 | 27 | | 3 | 33 | 76 | |
| Grey-tailed Tattler | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Ruddy Turnstone | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-necked Phalarope | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pintail Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Swinhoe's Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pintail/Swinhoe's Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Snipe | 5 | 3 | 1 | | | | | | | | | | | | | | | | | 1 | | | | | 0 | 10 | |
| Long-billed Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Asian Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red Knot# | | | | 4 | | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | |
| Great Knot# | | | | 28 | | | | | | | | | | | | | | | | | | | | 28 | 28 | 28 | |
| Sanderling | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-necked Stint | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Little Stint | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Temminck's Stint# | 1 | 3 | | 21 | | | | | | | | | | | | | | | | | | | | 21 | 21 | 28 | |
| Long-toed Stint | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| Pectoral Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Sharp-tailed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Dunlin# | | | | 5030 | | | | | | | | | | | | | | | | | | | | 5030 | 5030 | 5030 | |
| Curlew Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spoon-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Broad-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Ruff | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Small wader spp. | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Wader sp. | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black-tailed Gull | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3 |
| Common Gull | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| Heuglin's Gull | | | 20 | | | | | | 1 | | | | | | | | | | | | | | | | 0 | 21 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|---|----------------------|-------------|--------------------|--------------|------------|-------------|------------|------------|-------------|-------------|-----------|------------|-----------|-----------|------------|------------|------------|------------|-----------|------------|-------------|--------------|-------------------------|--------------|---------------|----------------|--|
| Yellow-legged Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Slaty-backed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pallas's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Large Gull spp. | | | | 82 | | | | | | | | | | | | | | | | | | | 82 | 82 | 82 | | |
| Brown-headed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black-headed Gull | 56 | | 5226 | 1500 | | 8 | 6 | | 260 | 1 | | | | | 2 | 730 | 24 | 1 | | 2 | 1 | 625 | 1774 | 2400 | 7817 | | |
| Saunders's Gull | | | | 30 | | | | | | | | | | | | | | | | | | | | 30 | 30 | | |
| Whiskered Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| White-winged Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Gull-billed Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Caspian Tern | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| Total | 624 | 427 | 16040 | 19431 | 264 | 540 | 110 | 370 | 1743 | 6272 | 40 | 679 | 56 | 91 | 237 | 741 | 141 | 352 | 82 | 266 | 7323 | 1370 | 21319 | 30012 | 55829 | 264 | |
| | Deep Bay Area | % | Ramsar Site | % | SI | % | | | | | | | | | | | | | | | | | | | | | |
| Cormorants | 10569 | 19% | 4534 | 15% | 135 | 51% | | | | | | | | | | | | | | | | | | | | | |
| Ardeids etc | 2773 | 5% | 1366 | 5% | 89 | 34% | | | | | | | | | | | | | | | | | | | | | |
| Ducks, grebes, pelicans | 12049 | 22% | 6051 | 20% | 8 | 3% | | | | | | | | | | | | | | | | | | | | | |
| Rails, Coot etc | 163 | 0% | 72 | 0% | 21 | 8% | | | | | | | | | | | | | | | | | | | | | |
| Shorebirds | 22320 | 40% | 15473 | 52% | 11 | 4% | | | | | | | | | | | | | | | | | | | | | |
| Gulls and terns | 7955 | 14% | 2516 | 8% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 55829 | 100% | 30012 | 100% | 264 | 100% | | | | | | | | | | | | | | | | | | | | | |
| Date of count: 20 Jan 2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| n/c = site not counted | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| High tide measured at TBT: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| # indicates count consists of or includes a count made up to one week either side of the count date | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| % = count made at evening roost | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland-dependent species | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Species | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
| Osprey | | 2 | 4 | 3 | | | 1 | 2 | | | | | | | 1 | | 1 | 1 | 1 | 1 | 2 | | | 2 | 19 | | |
| Black Kite | | 2 | | | | 3 | | 14 | | 2 | | 1 | | 1 | 5 | | 2 | 4 | 3 | 2 | 1 | 25 | 3 | 29 | 40 | | |
| White-bellied Sea Eagle | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Eastern Marsh Harrier | | | | 1 | | | | | | | | | | | | | | | | | 1 | | | 1 | 2 | | |
| Common Buzzard | | | | | | | | | | | | | | | | | | | | | 4 | | | 4 | 4 | | |
| Greater Spotted Eagle | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | | |
| Imperial Eagle | | | | | | | | 1 | | | | | | | | | 1 | | | | 1 | 2 | | 3 | 3 | | |
| Peregrine Falcon | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pied Kingfisher | | 5 | 1 | | | | | 1 | | | | | | | 1 | | | 1 | 2 | 2 | 4 | 2 | | 6 | 17 | 2 | |
| Common Kingfisher | 2 | 8 | | | | | | 2 | | 2 | 4 | 2 | | 1 | 4 | 2 | 2 | 3 | 1 | 1 | 1 | 12 | | 13 | 35 | 3 | |
| White-throated Kingfisher | | 1 | 1 | 1 | | | | | 1 | | | 2 | | 3 | 1 | | | 1 | | 1 | 1 | 2 | 2 | 5 | 13 | 3 | |
| Black-capped Kingfisher | | | 1 | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 2 | |
| Red-billed Starling | 50 | | | | | | | 73 | | 146 | | | | | 256 | 250 | 33 | 500 | 100 | 1 | 6 | 1111 | | 1117 | 1415 | | |
| Collared Crow | | 4 | | | | | | 8 | | | 1 | | | 1 | 3 | 1 | 14 | | | | 12 | 26 | | 38 | 46 | 2 | |

Summary of Waterbird Count, February 2013

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|------|------|-------|------|-----|-----|-----|-----------|-----|------|-----|-----|---------|--------|-----|----|-----|------|------|------|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe | 21 | 24 | 6 | | | | | 14 | | 29 | 6 | | | 20 | 25 | 2 | 9 | 18 | 22 | 30 | 34 | 59 | | 93 | 260 | 4 |
| Great Crested Grebe | | | 8 | 57 | 2 | 4 | 13 | | | | | | 1 | 14 | | | | | | | 5 | | 76 | 81 | 104 | 2 |
| Great Cormorant# | 179* | 252* | 3057* | 450* | | | 2* | 209* | | 5856 | 34* | 58* | | 1* | 42* | | | 93* | 126* | 137* | 4029 | 314* | | 4029 | 9885 | 31 |
| Dalmatian Pelican | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Grey Heron | 51 | 95 | 65 | 5 | | 5 | 21 | 39 | 57 | 77 | 8 | 24 | 1 | 9 | 21 | 9 | 10 | 22 | 19 | 23 | 67 | 96 | 87 | 250 | 628 | 20 |
| Purple Heron | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Great Egret | 12 | 172 | 71 | 122 | 10 | | 9 | 26 | 34 | 10 | 68 | 2 | 1 | 5 | 25 | 3 | 11 | 7 | 8 | 24 | 36 | 121 | 174 | 331 | 656 | 105 |
| Intermediate Egret | | | | 5 | | | | | | 1 | | | | | | | | 1 | 1 | | | 2 | 5 | 7 | 8 | |
| Little Egret | 1 | 60 | 80 | 152 | 12 | 5 | | 23 | 32 | 24 | 32 | 4 | 15 | 42 | 38 | 10 | 14 | 16 | 24 | 25 | 84 | 117 | 199 | 400 | 693 | 26 |
| Swinhoe's Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pacific Reef Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Cattle Egret | | 1 | | | | | | | | | | | | | | 3 | 10 | 2 | | 9 | | 15 | | 15 | 25 | 1 |
| Chinese Pond Heron | 11 | 21 | 5 | 7 | | 1 | | | 2 | 13 | 12 | | | 6 | 11 | 5 | 7 | 24 | 20 | 31 | 5 | 54 | 10 | 69 | 181 | |
| Striated Heron | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| B-c Night Heron | | 3 | | | | | | | | | | | | | | | | | 1 | | 38 | | | 38 | 42 | 1 |
| Yellow Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Cinnamon Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Great Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 |
| Black Stork | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Oriental Stork | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | |
| Black-headed Ibis | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Eurasian Spoonbill | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black-faced Spoonbill | 31 | | 30 | 16 | | | 13 | 3 | 4 | | 4 | 39 | | 1 | 7 | | 3 | 2 | | | 191 | 17 | 33 | 241 | 344 | |
| Common Shelduck | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| Eurasian Wigeon | 101 | | 13 | 627 | | 22 | | | | 9 | | | | 86 | | | | | | | 135 | | 649 | 784 | 993 | |
| Falcated Duck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Gadwall | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Baikal Teal | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Teal | | | | | | | | | 7 | 17 | | | | | | | | | | | 20 | | 7 | 27 | 44 | |
| Mallard | | | | 2 | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| Spot-billed Duck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Chinese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Burmese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Northern Pintail | | | | 1612 | 65 | | | | | | | | | | | | | | | | 71 | | 1677 | 1748 | 1748 | |
| Garganey | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | 2 | |
| Northern Shoveler | | | 153 | 419 | 64 | 2 | | | 373 | 811 | | 41 | | 10 | | | | | | | 252 | | 858 | 1110 | 2125 | |
| Common Pochard | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Baer's Pochard | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Tufted Duck | | 1 | 810 | | | 354 | | 67 | | 43 | | 13 | | | 16 | | | | | | 105 | | 354 | 459 | 1409 | |
| Greater Scaup | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-breasted Merganser | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Duck sp. | | | 400 | | | 393 | | | | | | | | | | | | | | | | | 393 | 393 | 793 | |
| Slaty-breasted Rail | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Water Rail | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| White-breasted Waterhen | | 4 | 3 | 2 | | | | | | 6 | 2 | | | | 4 | | 3 | 5 | 1 | 2 | 2 | 12 | 2 | 16 | 34 | 2 |
| Watercock | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Moorhen | 3 | 1 | 42 | | | | | 2 | | 2 | | 7 | | | 5 | | | | 3 | 5 | 7 | 19 | 9 | 28 | 96 | 26 |
| Eurasian Coot | | | | | | | | 2 | | | | | | | | | | | | | 7 | | | 7 | 10 | 2 |
| Pheasant-tailed Jacana | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Greater Painted Snipe | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|-----|------|-----|-----|-----|-----------|-----|-----|-----|-----|---------|----------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Black-winged Stilt | 24 | | 324 | | | | | | 25 | 38 | | 2 | | | | | | 1 | 6 | | 10 | 1 | 25 | 36 | 430 | |
| Pied Avocet | 10 | | 94 | 9150 | | | | | 526 | 20 | | 11 | | | | | | | | | | | 9676 | 9704 | 9840 | |
| Oriental Pratincole | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Northern Lapwing | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Grey-headed Lapwing | | | | | | | | | | 9 | | | | | | | | | | | | | | 0 | 9 | |
| Pacific Golden Plover# | | | 385 | 91 | | | | | | | | | | | | | | | | | | | 91 | 91 | 476 | |
| Grey Plover | | | | 630 | | | | | | | | | | | | | | | | | | | 630 | 630 | 630 | |
| Common Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Little Ringed Plover | 9 | 12 | | | | | | | | | | 6 | | 6 | | | | 36 | 18 | 3 | | 36 | | 36 | 90 | |
| Kentish Plover | | | | 2 | | | | | | | | 3 | | | | | | | | | | | 2 | 2 | 5 | 5 |
| Lesser Sand Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Greater Sand Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black-tailed Godwit | | | 620 | | | | | | | | | | | | | | | | | | | | | 0 | 620 | |
| Bar-tailed Godwit | | | | 4 | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | |
| Whimbrel# | | | | 2 | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| Eurasian Curlew# | | | | 1439 | | | | | | | | 1 | | | | | | | | | | | 1439 | 1439 | 1440 | |
| Far Eastern Curlew | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spotted Redshank | | | 256 | 1 | | | | | | 6 | | | | | | | | | | | | | 1 | 1 | 263 | |
| Common Redshank | | | 130 | | | | | | 400 | | | 72 | | | | | | | | | | | 400 | 400 | 602 | |
| Marsh Sandpiper | 1 | | 620 | 3 | | | | | | | | 103 | | | | | | | | | 1 | | 3 | 4 | 728 | |
| Common Greenshank | | | 358 | 135 | | | | | 3 | 18 | | 275 | 50 | | 10 | | | | 2 | | 79 | 10 | 138 | 227 | 930 | |
| Nordmann's Greenshank | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Green Sandpiper | 1 | 2 | | | | | | | | 1 | | 7 | | 1 | | | | 3 | 1 | 4 | | 3 | | 3 | 20 | 1 |
| Wood Sandpiper | 8 | 8 | 31 | | | | | | | 7 | | 22 | | | 1 | | | 7 | 18 | | 1 | 7 | | 8 | 103 | |
| Terek Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Sandpiper | 2 | 3 | 5 | | | | | 2 | | | 1 | 2 | | 6 | 2 | 3 | | 7 | 11 | 4 | | 14 | | 14 | 48 | 1 |
| Grey-tailed Tattler | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Ruddy Turnstone | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-necked Phalarope | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pintail Snipe | | 1 | | | | | | | | | | | | | | | | | | | | | | 0 | 1 | |
| Swinhoe's Snipe | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pintail/Swinhoe's Snipe | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Snipe | | 1 | | | | | | | | | | | | | | | | | 1 | | | | | 0 | 2 | |
| Long-billed Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Asian Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red Knot | | | | 4 | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | |
| Great Knot | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Sanderling | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-necked Stint | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Little Stint | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Temminck's Stint | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Long-toed Stint | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pectoral Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Sharp-tailed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Dunlin# | | | | 2000 | | | | | | | | | | | | | | | | | | | 2000 | 2000 | 2000 | |
| Curlew Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Spoon-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Broad-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Ruff | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Small wader spp. | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Wader sp. | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Black-tailed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Heuglin's Gull | | | | | | | | | 1 | 1 | | | | | | | | | | | | | 1 | 1 | 2 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|---|----------------------|-------------|--------------------|--------------|------------|-------------|-----------|------------|-------------|-------------|------------|------------|-----------|------------|------------|------------|-----------|------------|------------|------------|-------------|--------------|-------------------------|--------------|---------------|----------------|--|
| Yellow-legged Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Slaty-backed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pallas's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Large Gull spp. | | | | 17 | | | | | | | | | | | | | | | | | | | 17 | 17 | 17 | | |
| Brown-headed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black-headed Gull | 10 | | 1017 | 880 | 2 | 5236 | | | 180 | | | | 1 | | 57 | | | | 3 | 3 | 1 | 217 | 6138 | 6356 | 7390 | | |
| Saunders's Gull | | | | 45 | | | | | | | | | | | | | | | | | | | 45 | 45 | 45 | | |
| Whiskered Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| White-winged Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Gull-billed Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Caspian Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Total | 296 | 409 | 5526 | 17430 | 155 | 6022 | 56 | 178 | 1644 | 6998 | 133 | 635 | 69 | 206 | 155 | 102 | 67 | 154 | 162 | 165 | 5223 | 790 | 25143 | 31156 | 45785 | 228 | |
| | Deep Bay Area | % | Ramsar Site | % | SI | % | | | | | | | | | | | | | | | | | | | | | |
| Cormorants | 9885 | 22% | 4029 | 13% | 31 | 14% | | | | | | | | | | | | | | | | | | | | | |
| Ardeids etc | 2578 | 6% | 1352 | 4% | 154 | 68% | | | | | | | | | | | | | | | | | | | | | |
| Ducks, grebes, pelicans | 7481 | 16% | 4700 | 15% | 6 | 3% | | | | | | | | | | | | | | | | | | | | | |
| Rails, Coot etc | 140 | 0% | 51 | 0% | 30 | 13% | | | | | | | | | | | | | | | | | | | | | |
| Shorebirds | 18247 | 40% | 14605 | 47% | 7 | 3% | | | | | | | | | | | | | | | | | | | | | |
| Gulls and terns | 7454 | 16% | 6419 | 21% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 45785 | 100% | 31156 | 100% | 228 | 100% | | | | | | | | | | | | | | | | | | | | | |
| Date of count: 17 Feb 2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 * = count not included in the total | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland-dependent species | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Species | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
| Osprey | | | 3 | 6 | | 1 | 1 | | | | | | | | | | 1 | | | | 2 | 1 | | 3 | 14 | 1 | |
| Black Kite | | 3 | | | | | | 1 | | 15 | | | | 2 | 3 | 4 | 1 | 1 | 1 | 4 | 10 | 10 | | 20 | 45 | | |
| White-bellied Sea Eagle | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Eastern Marsh Harrier | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | | |
| Common Buzzard | | 1 | | | | | | | | | | | | | | | | | 1 | | | | | 0 | 2 | | |
| Greater Spotted Eagle | | 1 | | | | | | | | | | | | | | | | | | 1 | | | | 0 | 2 | | |
| Imperial Eagle | | | | | | | | | | | | | | | 1 | | | | | | 2 | 1 | | 3 | 3 | | |
| Peregrine Falcon | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pied Kingfisher | 1 | 3 | | | | | | | | 3 | | | | 1 | | 1 | | 2 | 2 | | 1 | 3 | | 4 | 14 | 1 | |
| Common Kingfisher | | 5 | | | | | | | | 1 | 4 | | | | 3 | | 1 | 6 | 5 | 1 | 3 | 11 | | 14 | 29 | 4 | |
| White-throated Kingfisher | | 2 | | | | 1 | | 1 | | 1 | | | | | 1 | | 1 | 1 | 1 | | 1 | 4 | 1 | 6 | 10 | 3 | |
| Black-capped Kingfisher | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 2 | |
| Red-billed Starling | 10 | 166 | | | | | | | | 2 | | | | | 77 | | | 200 | | 72 | 155 | 277 | | 432 | 682 | | |
| Collared Crow | | 1 | | | | 1 | | | | 3 | 3 | | | 1 | 1 | 7 | | 1 | 1 | 1 | 9 | 12 | 1 | 22 | 29 | 2 | |

Summary of Waterbird Count, March 2013

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|-------------------------|-----|-----|------|-----|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|----|
| Little Grebe | 22 | 22 | 6 | | | | | 24 | | 4 | 17 | | | | 19 | 2 | 13 | 8 | 13 | 42 | 45 | 61 | | 106 | 237 | 5 | |
| Great Crested Grebe | | | 18 | 12 | | 2 | 1 | | | | | | | | | | | | | | | | 15 | 15 | 33 | 2 | |
| Great Cormorant | 34 | 34 | 193 | 15 | | | | 76 | 3 | 74 | 3 | 10 | | | 2 | | 15 | 21 | 10 | 19 | 846 | 56 | 15 | 917 | 1355 | 10 | |
| Dalmatian Pelican | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Grey Heron | 1 | 5 | 48 | 1 | 1 | | | 11 | 5 | 1 | 31 | 4 | 52 | | 2 | 11 | 2 | 7 | 2 | | 2 | 136 | 25 | 13 | 174 | 322 | 14 |
| Purple Heron | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | |
| Great Egret | 10 | 20 | 54 | 75 | 32 | 1 | 4 | 9 | 1 | 30 | 8 | 21 | 2 | 2 | 15 | 2 | 17 | 17 | 7 | 18 | 157 | 56 | 112 | 325 | 502 | 88 | |
| Intermediate Egret | 1 | 1 | | 10 | | | | | | | | | | | | | | | | | 3 | | 10 | 13 | 15 | | |
| Little Egret | 5 | 54 | 34 | 24 | 2 | | | 7 | 10 | 4 | 36 | 12 | 47 | | 11 | 37 | 20 | 24 | 16 | 19 | 17 | 143 | 111 | 33 | 287 | 522 | 12 |
| Swinhoe's Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pacific Reef Egret | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Cattle Egret | | 18 | | | | | | 1 | | | | | | | 1 | 3 | 10 | 10 | 7 | 1 | | 25 | | 25 | 51 | | |
| Chinese Pond Heron | 5 | 6 | 7 | | | | | 1 | | 10 | 7 | | | 4 | 15 | 9 | 9 | 15 | 10 | 41 | 12 | 51 | | 63 | 151 | 1 | |
| Striated Heron | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| B-c Night Heron | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | |
| Yellow Bittern | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | 1 | 1 | | |
| Cinnamon Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Great Bittern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black Stork | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black-headed Ibis | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Eurasian Spoonbill | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | | |
| Black-faced Spoonbill | 1 | | 57 | 4 | | | | 30 | | | | | | | 2 | 8 | | | | | 138 | 8 | 34 | 180 | 312 | | |
| Common Shelduck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Eurasian Wigeon | | | 60 | 317 | | 52 | | | | | | | | | | | | | | | 174 | | 369 | 543 | 603 | | |
| Falcated Duck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Gadwall | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | | |
| Baikal Teal | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Common Teal | | | | | | | | | | | | | | | | | | | | | | 19 | | 19 | 19 | | |
| Mallard | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Spot-billed Duck | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Chinese Spotbill | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | | |
| Burmese Spotbill | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Northern Pintail | | | | 19 | | | | | | | | | | | | | | | | | 4 | | 19 | 23 | 23 | | |
| Garganey | | | 1 | 30 | | | | | | | | 2 | | | | | | | | | 4 | | 30 | 34 | 37 | | |
| Northern Shoveler | | | 359 | 418 | | | | | | 124 | | 61 | | | 1 | | | | | | 221 | 1 | 418 | 640 | 1184 | | |
| Common Pochard | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Baer's Pochard | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Tufted Duck | | | 100 | | | | | 3 | | 3 | | 5 | | | 10 | | | | | | 101 | | | 101 | 222 | | |
| Greater Scaup | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Red-breasted Merganser | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Duck sp. | | | 1200 | | | | | | | | | | | | | | | | | | | | | 0 | 1200 | | |
| Slaty-breasted Rail | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Water Rail | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| White-breasted Waterhen | 5 | 3 | | | | | | 4 | | | 1 | | | | 3 | 1 | 4 | 4 | 2 | 4 | 8 | 14 | | 22 | 39 | 1 | |
| Watercock | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Common Moorhen | 8 | 1 | 33 | | | | | 19 | | 2 | 3 | 5 | | | 11 | | | | | 3 | 2 | 3 | 30 | 19 | 49 | 120 | 16 |
| Eurasian Coot | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pheasant-tailed Jacana | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Greater Painted Snipe | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black-winged Stilt | 17 | | 68 | 9 | | | | | | 116 | | 5 | | | | | | | | | 5 | 8 | | 9 | 17 | 228 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW / LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | | |
|-------------------------|-----|-----|------|------|-----|-----|-----|-----------|-----|-----|-----|-----|---------|----------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|----|--|
| Pied Avocet | 20 | | 501 | 3689 | | | | | | 170 | | 29 | | | | 97 | | | | 8 | 2704 | 97 | 3689 | 6490 | 7218 | | | |
| Oriental Pratincole | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Northern Lapwing | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Grey-headed Lapwing | | | | | | | | | | 2 | | | | | | | | | | | | | | 0 | 2 | | | |
| Pacific Golden Plover | | | 480 | | | | | | | | | | | | | | | | | | | | | 0 | 480 | | | |
| Grey Plover | | | | 294 | | | | | | | | | | | | | | | | | | | | 294 | 294 | 294 | | |
| Common Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Little Ringed Plover | 4 | 9 | 1 | | | | | | | | | 4 | | 4 | | 2 | 3 | 5 | 2 | 4 | | 10 | | 10 | 38 | | | |
| Kentish Plover | | | | 197 | | | | | | | | | | | | | | | | | | | | 197 | 197 | 197 | | |
| Lesser Sand Plover | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | | |
| Greater Sand Plover | | | | 18 | | | | | | | | | | | | | | | | | | | | 18 | 18 | 18 | | |
| Black-tailed Godwit | | | 400 | | | | | | | | | | | | | | | | | | | | | 0 | 400 | | | |
| Bar-tailed Godwit | | | | 8 | | | | | | | | | | | | | | | | | | | | 8 | 8 | 8 | | |
| Whimbrel | | | | 2 | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | | |
| Eurasian Curlew | | | | 459 | | | | | | | | | | | | | | | | | | 21 | | 459 | 480 | 480 | | |
| Far Eastern Curlew | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | |
| Spotted Redshank | | | 3 | | | | | | | 2 | | | | | | | | | | | | 16 | | 16 | 21 | | | |
| Common Redshank | | | 436 | | | | | | | 18 | | 57 | | | | | | | | | | | | 0 | 511 | | | |
| Marsh Sandpiper | | | | | | | | | | 27 | | 210 | | | | | | | | | | | | 32 | 32 | 269 | | |
| Common Greenshank | | | 240 | | | | | | | | | 157 | 100 | | | 12 | 1 | 1 | 1 | 1 | | 96 | 14 | | 110 | 609 | | |
| Nordmann's Greenshank | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Green Sandpiper | 1 | 4 | | | | | | | | | 2 | | | | 1 | 5 | 1 | 2 | 4 | 7 | 17 | 11 | | | 28 | 44 | | |
| Wood Sandpiper | 10 | 2 | 1 | | | | | | | 11 | 5 | | | | 3 | | 1 | 7 | | 12 | 7 | 14 | | | 21 | 59 | | |
| Terek Sandpiper | | | | 1 | | | | | | | | | | | | | | | | | | | | | 0 | 1 | | |
| Common Sandpiper | 1 | 9 | 2 | | | 1 | | 3 | | 1 | 2 | | 1 | | 2 | 8 | 7 | 12 | 19 | 14 | | 32 | 1 | 33 | 82 | 1 | | |
| Grey-tailed Tattler | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Ruddy Turnstone | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Red-necked Phalarope | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pintail Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Swinhoe's Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pintail/Swinhoe's Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Common Snipe | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Long-billed Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Asian Dowitcher | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Red Knot | | | | 5 | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 5 | |
| Great Knot | | | | 32 | | | | | | | | | | | | | | | | | | | | | 32 | 32 | 32 | |
| Sanderling | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Red-necked Stint | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Little Stint | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Temminck's Stint | | | | | | | | | | | | | | | | | | | 3 | | | | 3 | | 3 | 3 | | |
| Long-toed Stint | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pectoral Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Sharp-tailed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Dunlin | | | | 6 | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 6 | |
| Curlew Sandpiper | | | 990* | 1120 | | | | | | | | | | | | | | | | | | 140 | | 1120 | 1260 | 1260 | | |
| Spoon-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Broad-billed Sandpiper | | | | 2 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| Ruff | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Small wader spp. | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Wader sp. | | | 170 | | | | | | | | | | | | | | | | | | | | | | 0 | 170 | | |
| Black-tailed Gull | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Heuglin's Gull | | | 52 | | | | | | | | | | | | | | | | | | | | | | 0 | 52 | | |
| Yellow-legged Gull | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|---|----------------------|-------------|--------------------|-------------|------------|-------------|-----------|------------|----------|------------|-----------|------------|------------|-----------|------------|------------|------------|------------|-----------|------------|-------------|--------------|-------------------------|--------------|---------------|----------------|--|
| Slaty-backed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Pallas's Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Large Gull spp. | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Brown-headed Gull | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Black-headed Gull | | | 1110 | 104 | | | | 2 | | 158 | | | | 10 | | | 223 | | | | 1 | 225 | 104 | 330 | 1608 | | |
| Saunders's Gull | | | | 6 | | | | | | | | | | | | | | | | | | | 6 | 6 | 6 | | |
| Whiskered Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| White-winged Tern | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | | |
| Gull-billed Tern | | | | 3 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| Caspian Tern | | | | 2 | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| Total | 145 | 188 | 5634 | 6883 | 35 | 56 | 53 | 158 | 9 | 819 | 64 | 737 | 103 | 33 | 133 | 171 | 335 | 126 | 96 | 198 | 5098 | 834 | 7026 | 12958 | 21074 | 151 | |
| | Deep Bay Area | % | Ramsar Site | % | SI | % | | | | | | | | | | | | | | | | | | | | | |
| Cormorants | 1355 | 6% | 917 | 7% | 10 | 7% | | | | | | | | | | | | | | | | | | | | | |
| Ardeids etc | 1889 | 9% | 1081 | 8% | 116 | 77% | | | | | | | | | | | | | | | | | | | | | |
| Ducks, grebes, pelicans | 3560 | 17% | 1483 | 11% | 7 | 5% | | | | | | | | | | | | | | | | | | | | | |
| Rails, Coot etc | 159 | 1% | 71 | 1% | 17 | 11% | | | | | | | | | | | | | | | | | | | | | |
| Shorebirds | 12440 | 59% | 9065 | 70% | 1 | 1% | | | | | | | | | | | | | | | | | | | | | |
| Gulls and terns | 1671 | 8% | 341 | 3% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 21074 | 100% | 12958 | 100% | 151 | 100% | | | | | | | | | | | | | | | | | | | | | |
| Date of count: 17 Mar 2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 * = count not included in the total | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland-dependent species | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Species | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
| Osprey | | | 2 | 4 | 1 | | 1 | | | | | | | | | | | | | | 2 | | 6 | 8 | 10 | 1 | |
| Black Kite | 2 | | | 2 | | | | | | 2 | | | | | | 7 | 3 | 1 | | 1 | 17 | 11 | 2 | 30 | 35 | | |
| White-bellied Sea Eagle | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Eastern Marsh Harrier | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Common Buzzard | | | | | | | | | | | 1 | | | | | | | | | 1 | 1 | | | | 1 | 3 | |
| Greater Spotted Eagle | 1 | | | | | | | | | | | | | | | | | | | | | | | | 0 | 1 | |
| Imperial Eagle | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | 1 | |
| Peregrine Falcon | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Pied Kingfisher | 1 | 8 | 3 | | | | | | | 1 | | | | | | | | | | | 4 | | | 4 | 20 | 3 | |
| Common Kingfisher | | 8 | 1 | | | | | | | | | 2 | | | 1 | 6 | 2 | 3 | 1 | 5 | 4 | 11 | | 15 | 33 | 2 | |
| White-throated Kingfisher | | 1 | 1 | | | | | | | 1 | | | | | | | | | | | | 1 | | 1 | 4 | 1 | |
| Black-capped Kingfisher | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | |
| Red-billed Starling | | | | | | | | | | | | | | | 1 | | | | | | | 1 | 1 | 1 | 1 | | |
| Collared Crow | | 3 | 1 | | | | | 3 | | 1 | 2 | | | | 2 | 16 | 1 | | | | 5 | 24 | | 29 | 34 | 1 | |
| Serpent Eagle | | | | | | | | | | 1 | | | | | | | | | | | | | | 0 | 1 | | |

Winter 2012-13 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Appendix 2



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

Peak counts of each waterbird species, mid-winter period (December to February) 2012-13.

Cormorants

| | |
|------------------|--------|
| Great Cormorants | 10,569 |
|------------------|--------|

Ardeids and Ciconiiformes

| | |
|---------------------------|-------|
| Grey Heron | 792 |
| Purple Heron | 6 |
| Great Egret | 720 |
| Intermediate Egret | 13 |
| Little Egret | 724 |
| Swinhoe's Egret | 0 |
| Pacific Reef Egret | 0 |
| Cattle Egret | 54 |
| Chinese Pond Heron | 196 |
| Striated Heron | 1 |
| Black-crowned Night Heron | 42 |
| Yellow Bittern | 1 |
| Cinnamon Bittern | 1 |
| Great Bittern | 4 |
| Black Stork | 0 |
| Oriental Stork | 1 |
| Black-headed Ibis | 0 |
| Eurasian Spoonbill | 3 |
| Black-faced Spoonbill | 344 |
| Sub-total: | 2,902 |

Ducks, Grebes and Pelicans

| | |
|-------------------------|--------|
| Little Grebe | 260 |
| Great Crested Grebe | 515 |
| Dalmatian Pelican | 0 |
| Common Shelduck | 1 |
| Eurasian Wigeon | 2,240 |
| Falcated Duck | 5 |
| Gadwall | 0 |
| Baikal Teal | 0 |
| Common Teal | 512 |
| Mallard | 2 |
| 'Unidentified' Spotbill | 0 |
| Chinese Spotbill | 1 |
| Burmese Spotbill | 0 |
| Northern Pintail | 1,748 |
| Garganey | 40 |
| Northern Shoveler | 3,679 |
| Common Pochard | 5 |
| Baer's Pochard | 2 |
| Tufted Duck | 5,987 |
| Greater Scaup | 0 |
| Smew | 0 |
| Red-breasted Merganser | 1 |
| Unidentified duck | 0 |
| Sub-total: | 14,998 |

Rails and Coots

| | |
|-------------------------|----|
| Slaty-breasted Rail | 0 |
| Water Rail | 0 |
| White-breasted Waterhen | 34 |
| Ruddy-breasted Crake | 0 |
| Watercock | 0 |

| | |
|----------------|-----|
| Common Moorhen | 127 |
| Eurasian Coot | 31 |
| Sub-total: | 192 |

Shorebirds

| | |
|------------------------------------|--------|
| Pheasant-tailed Jacana | 0 |
| Greater Painted Snipe | 0 |
| Black-winged Stilt | 620 |
| Pied Avocet | 9,840 |
| Oriental Pratincole | 0 |
| Northern Lapwing | 0 |
| Grey-headed Lapwing | 9 |
| Pacific Golden Plover | 476 |
| Grey Plover | 630 |
| Common Ringed Plover | 0 |
| Little Ringed Plover | 90 |
| Kentish Plover | 3,221 |
| Lesser Sand Plover | 21 |
| Greater Sand Plover | 1 |
| Black-tailed Godwit | 620 |
| Bar-tailed Godwit | 8 |
| Whimbrel | 37 |
| Eurasian Curlew | 1,440 |
| Far Eastern Curlew | 0 |
| Spotted Redshank | 263 |
| Common Redshank | 785 |
| Marsh Sandpiper | 728 |
| Common Greenshank | 930 |
| Nordmann's Greenshank | 2 |
| Green Sandpiper | 32 |
| Wood Sandpiper | 103 |
| Terek Sandpiper | 9 |
| Common Sandpiper | 76 |
| Grey-tailed Tattler | 0 |
| Ruddy Turnstone | 0 |
| Red-necked Phalarope | 0 |
| Pintail Snipe | 0 |
| Swinhoe's Snipe | 0 |
| Pintail/Swinhoe's Snipe | 1 |
| Common Snipe | 10 |
| Long-billed Dowitcher | 0 |
| Asian Dowitcher | 0 |
| Red Knot | 4 |
| Great Knot | 28 |
| Sanderling | 0 |
| Red-necked Stint | 0 |
| Little Stint | 0 |
| Temminck's Stint | 28 |
| Long-toed Stint | 1 |
| Pectoral Sandpiper | 0 |
| Sharp-tailed Sandpiper | 0 |
| Dunlin | 5,030 |
| Curlew Sandpiper | 0 |
| Spoon-billed Sandpiper | 0 |
| Broad-billed Sandpiper | 0 |
| Ruff | 0 |
| Unidentified small-sized Shorebird | 0 |
| Sub-total: | 25,043 |

Gulls and Terns

| | |
|-------------------|----|
| Black-tailed Gull | 3 |
| Common Gull | 1 |
| Heuglin's Gull | 21 |

| | |
|--|-------|
| Yellow-legged Gull | 0 |
| Slaty-backed Gull | 0 |
| Pallas's Gull | 0 |
| Unidentified large Gull (assumed to be same as Heuglin's Gull) | 82 |
| Relict Gull | 0 |
| Brown-headed Gull | 0 |
| Black-headed Gull | 7,817 |
| Saunders's Gull | 45 |
| Whiskered Tern | 0 |
| White-winged Tern | 0 |
| Gull-billed Tern | 0 |
| Caspian Tern | 1 |
| Sub-total: | 7,970 |

Summary of sub-totals of different waterbird groups, December 2012 to February 2013.

| Group | Sub-total |
|----------------------------|-----------|
| Cormorants | 10,569 |
| Ardeids | 2,902 |
| Ducks, Grebes and Pelicans | 14,998 |
| Rails and Coots | 192 |
| Shorebirds | 25,043 |
| Gulls and Terns | 7,970 |
| Total | 61,674 |

Winter 2012-13 Report on Waterbird Monitoring at the Mai Po Inner Deep Bay Ramsar Site

Appendix 3



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

Low-tide count, December 2012

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|-----|-----|-----|------|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe | | | 3 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 3 | |
| Great Crested Grebe | | | 1 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | |
| Great Cormorant | | | 111 | | | 840 | | | | | | | | | | | | | | | | | 840 | 840 | 951 | |
| Dalmatian Pelican | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Grey Heron | | | 37 | | 28 | | | | | | | | | | | | | | | | | | 28 | 28 | 65 | |
| Purple Heron | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Great Egret | | | 28 | | 190 | | | | | | | | | | | | | | | | | | 190 | 190 | 218 | |
| Intermediate Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Little Egret | | | 62 | | 108 | | | | | | | | | | | | | | | | | | 108 | 108 | 170 | |
| Swinhoe's Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Pacific Reef Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Cattle Egret | | | 1 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | |
| Chinese Pond Heron | | | 30 | | 6 | | | | | | | | | | | | | | | | | | 6 | 6 | 36 | |
| Striated Heron | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| B-c Night Heron | | | 6 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 6 | |
| Yellow Bittern | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Cinnamon Bittern | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Great Bittern | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Black Stork | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Oriental Stork | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Black-headed Ibis | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Eurasian Spoonbill | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Black-faced Spoonbill | | | 11 | | 20 | | | | | | | | | | | | | | | | | | 20 | 20 | 31 | |
| Common Shelduck | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Eurasian Wigeon | | | 8 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 8 | |
| Falcated Duck | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Gadwall | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Baikal Teal | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Teal | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Mallard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Spot-billed Duck | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Chinese Spotbill | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Burmese Spotbill | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Northern Pintail | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Garganey | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Northern Shoveler | | | 79 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 79 | |
| Common Pochard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Baer's Pochard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Tufted Duck | | | 350 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 350 | |
| Greater Scaup | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Red-breasted Merganser | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Duck sp. | | | | | | 3200 | | | | | | | | | | | | | | | | | 3200 | 3200 | 3200 | |
| Slaty-breasted Rail | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Water Rail | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| White-breasted Waterhen | | | 8 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 8 | |
| Watercock | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Moorhen | | | 46 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 46 | |
| Eurasian Coot | | | 1 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | |
| Pheasant-tailed Jacana | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Greater Painted Snipe | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Black-winged Stilt | | | 201 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 201 | |
| Pied Avocet | | | 637 | 66 | | | | | | | | | | | | | | | | | | | 66 | 66 | 703 | |
| Oriental Pratincole | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Northern Lapwing | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Grey-headed Lapwing | | | 4 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 4 | |
| Pacific Golden Plover | | | 12 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 12 | |
| Grey Plover | | | | 7 | | | | | | | | | | | | | | | | | | | 7 | 7 | 7 | |
| Common Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Little Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Kentish Plover | | | 18 | 11 | | | | | | | | | | | | | | | | | | | 11 | 11 | 29 | |
| Lesser Sand Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Greater Sand Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Black-tailed Godwit | | | 20 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 20 | |
| Bar-tailed Godwit | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Whimbrel | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Eurasian Curlew | | | 32 | 73 | | | | | | | | | | | | | | | | | | | 73 | 73 | 105 | |
| Far Eastern Curlew | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Spotted Redshank | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Redshank | | | 13 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 13 | |
| Marsh Sandpiper | | | 61 | 41 | | | | | | | | | | | | | | | | | | | 41 | 41 | 102 | |
| Common Greenshank | | | 21 | 185 | | | | | | | | | | | | | | | | | | | 185 | 185 | 206 | |
| Nordmann's Greenshank | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Green Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Wood Sandpiper | | | 2 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 2 | |
| Terek Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Sandpiper | | | 36 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 36 | |
| 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 | | | | 37 | | | | | | | | | | | | | | | | | | | 37 | 37 | 37 | |
| Curlew Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Spoon-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Broad-billed Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Ruff | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Small wader spp. | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Wader sp. | | | 50 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 50 | |
| Black-tailed Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
|---|----------------------|-------------|--------------------|-------------|------------|-------------|----------|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|--|
| 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 | | | 1450 | 170 | | | | | | | | | | | | | | | | | | | 170 | 170 | 1620 | | |
| 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 | | |
| Total | | | 3339 | 4040 | 352 | 4040 | 0 | | | | | | | | | | | | | | | | | 4982 | 4982 | 8321 | |
| | Deep Bay Area | % | Ramsar Site | % | | | | | | | | | | | | | | | | | | | | | | | |
| Cormorants | 951 | 11% | 840 | 17% | | | | | | | | | | | | | | | | | | | | | | | |
| Ardeids etc | 527 | 6% | 352 | 7% | | | | | | | | | | | | | | | | | | | | | | | |
| Ducks, grebes, pelicans | 3641 | 44% | 3200 | 64% | | | | | | | | | | | | | | | | | | | | | | | |
| Rails, Coot etc | 55 | 1% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | | | |
| Shorebirds | 1527 | 18% | 420 | 8% | | | | | | | | | | | | | | | | | | | | | | | |
| Gulls and terns | 1620 | 19% | 170 | 3% | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 8321 | 100% | 4982 | 100% | | | | | | | | | | | | | | | | | | | | | | | |
| Date of count: 16 Dec 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland-dependent species | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Species | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | |
| Osprey | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| Black Kite | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| White-bellied Sea Eagle | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| Eastern Marsh Harrier | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| Common Buzzard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| Greater Spotted Eagle | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| Imperial Eagle | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| Peregrine Falcon | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| Pied Kingfisher | | | 1 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | | |
| Common Kingfisher | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 0 | | |
| White-throated Kingfisher | | | 3 | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | | |
| Black-capped Kingfisher | | | 2 | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 3 | | |
| Red-billed Starling | | | 20 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 20 | | |
| Collared Crow | | | 1 | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | | |

Low-tide count, January 2013

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|------|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe | | | 9 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 9 | |
| Great Crested Grebe | | | 20 | | 4 | | | | | | | | | | | | | | | | | | 4 | 4 | 24 | |
| Great Cormorant | | | 230 | 174 | | | | | | | | | | | | | | | | | | | 174 | 174 | 404 | |
| Dalmatian Pelican | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Grey Heron | | | 67 | 2 | 2 | | | | | | | | | | | | | | | | | | 4 | 4 | 71 | |
| Purple Heron | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Great Egret | | | 110 | 12 | | | | | | | | | | | | | | | | | | | 12 | 12 | 122 | |
| Intermediate Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Little Egret | | | 102 | | 1 | | | | | | | | | | | | | | | | | | 1 | 1 | 103 | |
| Swinhoe's Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Pacific Reef Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Cattle Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Chinese Pond Heron | | | 18 | | 1 | | | | | | | | | | | | | | | | | | 1 | 1 | 19 | |
| Striated Heron | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| B-c Night Heron | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Yellow Bittern | | | | | | | | | | | | | | | | | | | | | | | 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 | | | 62 | 5 | 7 | | | | | | | | | | | | | | | | | | 12 | 12 | 74 | |
| Common Shelduck | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Eurasian Wigeon | | | 148 | | 29 | | | | | | | | | | | | | | | | | | 29 | 29 | 177 | |
| Falcated Duck | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Gadwall | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Baikal Teal | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Teal | | | | | 28 | | | | | | | | | | | | | | | | | | 28 | 28 | 28 | |
| Mallard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Spot-billed Duck | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Chinese Spotbill | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Burmese Spotbill | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Northern Pintail | | | 50 | 180 | 56 | | | | | | | | | | | | | | | | | | 236 | 236 | 286 | |
| Garganey | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Northern Shoveler | | | 3268 | 373 | 38 | | | | | | | | | | | | | | | | | | 411 | 411 | 3679 | |
| Common Pochard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Baer's Pochard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Tufted Duck | | | 1298 | | 341 | | | | | | | | | | | | | | | | | | 341 | 341 | 1639 | |
| Greater Scaup | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Red-breasted Merganser | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Duck sp. | | | 2500 | 3749 | | | | | | | | | | | | | | | | | | | 3749 | 3749 | 6249 | |
| Slaty-breasted Rail | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Water Rail | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| White-breasted Waterhen | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Watercock | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Moorhen | | | 67 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 67 | |
| Eurasian Coot | | | 31 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 31 | |
| Pheasant-tailed Jacana | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Greater Painted Snipe | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|-----|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Black-winged Stilt | | | 32 | | | 25 | | | | | | | | | | | | | | | | | 0 | 0 | 32 | |
| Pied Avocet | | | 2570 | 500 | | 25 | | | | | | | | | | | | | | | | | 525 | 525 | 3095 | |
| Oriental Pratincole | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Northern Lapwing | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Grey-headed Lapwing | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Pacific Golden Plover | | | 81 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 81 | |
| Grey Plover | | | | | | 2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| Common Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Little Ringed Plover | | | 22 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 22 | |
| Kentish Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Lesser Sand Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Greater Sand Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Black-tailed Godwit | | | 400 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 400 | |
| Bar-tailed Godwit | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Whimbrel | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Eurasian Curlew | | | 112 | 20 | | 12 | | | | | | | | | | | | | | | | | 32 | 32 | 144 | |
| Far Eastern Curlew | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Spotted Redshank | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Redshank | | | 60 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 60 | |
| Marsh Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Greenshank | | | 69 | | | 2 | | | | | | | | | | | | | | | | | 2 | 2 | 71 | |
| Nordmann's Greenshank | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Green Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Wood Sandpiper | | | 30 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 30 | |
| Terek Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Sandpiper | | | 12 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 12 | |
| 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. | | | 1200 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1200 | |
| Black-tailed Gull | | | 3 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 3 | |
| Heuglin's Gull | | | 30 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 30 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | | |
|---|----------------------|-------------|--------------------|-------------|------------|------------|------------|------------------|------------|------------|------------|------------|----------------|---------------|------------|-----------|------------|-------------|-----------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|--|
| Yellow-legged Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Slaty-backed Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Pallas's Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Large Gull spp. | | | | 167 | | | | | | | | | | | | | | | | | | | 167 | 167 | 167 | | | |
| Brown-headed Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Black-headed Gull | | | 3601 | 1010 | | | | | | | | | | | | | | | | | | | 1010 | 1010 | 4611 | | | |
| 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 | | | |
| Total | | | 16202 | 6192 | 0 | 548 | 0 | | | | | | | | | | | | | | | | 6740 | 6740 | 22942 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Deep Bay Area | % | Ramsar Site | % | | | | | | | | | | | | | | | | | | | | | | | | |
| Cormorants | 404 | 2% | 174 | 3% | | | | | | | | | | | | | | | | | | | | | | | | |
| Ardeids etc | 389 | 2% | 30 | 0% | | | | | | | | | | | | | | | | | | | | | | | | |
| Ducks, grebes, pelicans | 12091 | 53% | 4798 | 71% | | | | | | | | | | | | | | | | | | | | | | | | |
| Rails, Coot etc | 98 | 0% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | | | | |
| Shorebirds | 5149 | 22% | 561 | 8% | | | | | | | | | | | | | | | | | | | | | | | | |
| Gulls and terns | 4811 | 21% | 1177 | 17% | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 22942 | 100% | 6740 | 100% | | | | | | | | | | | | | | | | | | | | | | | | |
| Date of count: 20 Jan 2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland-dependent species | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Species | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | | |
| Osprey | | | 3 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 3 | | | |
| Black Kite | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| White-bellied Sea Eagle | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Eastern Marsh Harrier | | | 1 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | | | |
| Common Buzzard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Greater Spotted Eagle | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Imperial Eagle | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Peregrine Falcon | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Pied Kingfisher | | | 2 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 2 | | | |
| Common Kingfisher | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| White-throated Kingfisher | | | 1 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | | | |
| Black-capped Kingfisher | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Red-billed Starling | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Collared Crow | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |

Low-tide count, February 2013

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|-----|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Little Grebe | | | 6 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 6 | |
| Great Crested Grebe | | | 9 | | | 87 | | | | | | | | | | | | | | | | | 87 | 87 | 96 | |
| Great Cormorant | | | 283 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 283 | |
| Dalmatian Pelican | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Grey Heron | | | 101 | | | 9 | | | | | | | | | | | | | | | | | 9 | 9 | 110 | |
| Purple Heron | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Great Egret | | | 129 | | | 16 | | | | | | | | | | | | | | | | | 16 | 16 | 145 | |
| Intermediate Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Little Egret | | | 140 | | | 67 | | | | | | | | | | | | | | | | | 67 | 67 | 207 | |
| Swinhoe's Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Pacific Reef Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Cattle Egret | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Chinese Pond Heron | | | 7 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7 | |
| Striated Heron | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| B-c Night Heron | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Yellow Bittern | | | | | | | | | | | | | | | | | | | | | | | 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 | | | 90 | | | 7 | | | | | | | | | | | | | | | | | 7 | 7 | 97 | |
| Common Shelduck | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Eurasian Wigeon | | | 95 | | | 118 | | | | | | | | | | | | | | | | | 118 | 118 | 213 | |
| Falcated Duck | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Gadwall | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Baikal Teal | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Teal | | | | | | 86 | | | | | | | | | | | | | | | | | 86 | 86 | 86 | |
| Mallard | | | 2 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 2 | |
| Spot-billed Duck | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Chinese Spotbill | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Burmese Spotbill | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Northern Pintail | | | 20 | | | 230 | | | | | | | | | | | | | | | | | 230 | 230 | 250 | |
| Garganey | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| Northern Shoveler | | | 5077 | | | 44 | | | | | | | | | | | | | | | | | 44 | 44 | 5121 | |
| Common Pochard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Baer's Pochard | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Tufted Duck | | | 672 | | | 820 | | | | | | | | | | | | | | | | | 820 | 820 | 1492 | |
| Greater Scaup | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Red-breasted Merganser | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Duck sp. | | | 500 | 900 | | | | | | | | | | | | | | | | | | | 900 | 900 | 1400 | |
| Slaty-breasted Rail | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Water Rail | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| White-breasted Waterhen | | | 10 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 10 | |
| Watercock | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Moorhen | | | 60 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 60 | |
| Eurasian Coot | | | 30 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 30 | |
| Pheasant-tailed Jacana | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Greater Painted Snipe | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet |
|-------------------------|-----|-----|------|-----|-----|-----|-----|-----------|-----|-----|-----|-----|---------|--------|-----|----|-----|------|----|-----|------|--------------|-------------------------|-------------|---------------|----------------|
| Black-winged Stilt | | | 528 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 528 | |
| Pied Avocet | | | 6233 | | | 180 | | | | | | | | | | | | | | | | | 180 | 180 | 6413 | |
| Oriental Pratincole | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Northern Lapwing | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Grey-headed Lapwing | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Pacific Golden Plover | | | 9 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 9 | |
| Grey Plover | | | 80 | | | 8 | | | | | | | | | | | | | | | | | 8 | 8 | 88 | |
| Common Ringed Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Little Ringed Plover | | | 1 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | |
| Kentish Plover | | | 2 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 2 | |
| Lesser Sand Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Greater Sand Plover | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Black-tailed Godwit | | | 507 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 507 | |
| Bar-tailed Godwit | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Whimbrel | | | | | | 2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| Eurasian Curlew | | | 110 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 110 | |
| Far Eastern Curlew | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Spotted Redshank | | | 29 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 29 | |
| Common Redshank | | | 56 | | | 8 | | | | | | | | | | | | | | | | | 8 | 8 | 64 | |
| Marsh Sandpiper | | | 64 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 64 | |
| Common Greenshank | | | 143 | | | 33 | | | | | | | | | | | | | | | | | 33 | 33 | 176 | |
| Nordmann's Greenshank | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Green Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Wood Sandpiper | | | 9 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 9 | |
| Terek Sandpiper | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Common Sandpiper | | | 8 | | | 1 | | | | | | | | | | | | | | | | | 1 | 1 | 9 | |
| 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. | | | 1800 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1800 | |
| Black-tailed Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |
| Heuglin's Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | |

| SPECIES | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | | |
|---|----------------------|-------------|--------------------|-------------|------------|-------------|------------|------------------|------------|------------|------------|------------|----------------|---------------|------------|-----------|------------|-------------|-----------|------------|-------------|---------------------|--------------------------------|--------------------|----------------------|-----------------------|--|--|
| Yellow-legged Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Slaty-backed Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Pallas's Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Large Gull spp. | | | | 32 | | | | | | | | | | | | | | | | | | | 32 | 32 | 32 | | | |
| Brown-headed Gull | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Black-headed Gull | | | 56 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 56 | | | |
| 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 | | | |
| Total | | | 16866 | 932 | 0 | 1717 | 0 | | | | | | | | | | | | | | | | 2649 | 2649 | 19515 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Deep Bay Area | % | Ramsar Site | % | | | | | | | | | | | | | | | | | | | | | | | | |
| Cormorants | 283 | 1% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | | | | |
| Ardeids etc | 566 | 3% | 99 | 4% | | | | | | | | | | | | | | | | | | | | | | | | |
| Ducks, grebes, pelicans | 8667 | 44% | 2286 | 86% | | | | | | | | | | | | | | | | | | | | | | | | |
| Rails, Coot etc | 100 | 1% | 0 | 0% | | | | | | | | | | | | | | | | | | | | | | | | |
| Shorebirds | 9811 | 50% | 232 | 9% | | | | | | | | | | | | | | | | | | | | | | | | |
| Gulls and terns | 88 | 0% | 32 | 1% | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 19515 | 100% | 2649 | 100% | | | | | | | | | | | | | | | | | | | | | | | | |
| Date of count: 17 Feb 2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland-dependent species | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Species | SRA | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | SPR | NSW | LHW | WEP | Sha Kiu | NW/LFS | TKC | LC | TSW | MPST | ST | SPS | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Starling Inlet | | |
| Osprey | | | 3 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 3 | | | |
| Black Kite | | | 1 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | | | |
| White-bellied Sea Eagle | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Eastern Marsh Harrier | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Common Buzzard | | | 1 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 1 | | | |
| Greater Spotted Eagle | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Imperial Eagle | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Peregrine Falcon | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Pied Kingfisher | | | 3 | | | | | | | | | | | | | | | | | | | | 0 | 0 | 3 | | | |
| Common Kingfisher | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| White-throated Kingfisher | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Black-capped Kingfisher | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Red-billed Starling | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Collared Crow | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |