

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

**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme
2015 - 2016**

Shorebird Monitoring Report



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

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

Shorebird Monitoring Report



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation
Department

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

Shorebird Monitoring Report

1. Introduction

A systematic, long-term monitoring programme of waterbirds in the Mai Po Inner Deep Bay Ramsar Site commenced in December 1997. Counts of shorebirds (also called waders) in migratory seasons form one part of this programme. The other components are monthly counts of waterbirds and surveys of ardeid nesting colonies. The Waterbird Monitoring Programme was administered and executed by the Hong Kong Bird Watching Society (HKBWS) under a subvention from the Agriculture, Fisheries and Conservation Department (AFCD) from December 1997 to March 2004. Since April 2004, the programme has been arranged under service contracts funded by the AFCD. This report focuses on the results of shorebird counts during the migratory seasons from July 2015 to July 2016 under service contract reference number AFCD/SQ/43/15/C.

2. Methodology

Migratory shorebirds visit the Deep Bay area during autumn and spring, and some of them stay through the winter. The purpose of this study was to monitor the abundance and population changes of migratory shorebirds in the Mai Po Inner Deep Bay Ramsar Site throughout the year. The shorebird counts were conducted more frequently during the peak periods of passage migration (i.e. from late March to late May and from the second half of July to late October). In winter, from November to February, the shorebird counts were carried out once a month, and the results obtained in the monthly waterbird counts within the same survey area (i.e. Mai Po Marshes Nature Reserve and Deep Bay 'B') in the mid-winter period (i.e. from December to February) were also incorporated in this report. In summer, from June to mid-July, counts were conducted once every two weeks. The annual schedule of shorebird counts under this Shorebird Monitoring Programme was as follows:

- Autumn: from 16 July 2015 to 3 November 2015 - once a week;
- Winter: from mid-November 2015 to mid-February 2016 - once a month;
- Spring: from 22 March 2016 to 1 June 2016 - once every three days; and
- Summer: from 2 June 2016 to 15 July 2016 - once every two weeks.

The main survey site was the Mai Po Marshes Nature Reserve (MPMNR) (Map 1), where counts were conducted either in *gei wais* or on the mudflats from the four boardwalk bird-watching hides, depending on the tidal height. In general, counts were conducted in the *gei wais* in the MPMNR during the high-tide period as management activities by the World Wide Fund For Nature Hong Kong (WWF-HK) had provided regular and suitable roosting sites for shorebirds, which allowed the counts to be made with a relatively high degree of accuracy. The following procedure was adopted in the survey:

- Counting started from the boardwalk hide(s) on a rising tide at a tidal height of around 1.5m (in winter months) or 1.8m (in spring and autumn months).
- At high tide, when the mudflats were submerged, roosting birds in the MPMNR were counted.
- When the high tide during daytime was lower than 2.2m in spring and autumn, a synchronized count was conducted from both the boardwalk hide and in the MPMNR.
- Birds were counted from the boardwalk hide(s) on a falling tide until an accurate count was no longer possible due to distance from the surveyor.

The equipment used included a pair of 7x to 10x binoculars and a telescope with wide angle or 20-60x eyepieces, mounted on a tripod. The shorebird counts were conducted by HKBWS-accredited waterbird surveyors with experience in shorebird counting and identification. All shorebirds sighted in the survey sites were identified to species level. When leg-flagged shorebirds were observed, their details, including species, age and/or the extent of breeding plumage, and the colour and position of the flag were recorded. The information was then checked to determine the shorebirds' migration route or origin.

3. Results and discussion

The results of the shorebird counts are presented in detail in Appendices 1, 2 and 3. The counts of selected species are plotted on graphs from Figure 1 to 19 for Autumn 2015 and from Figure 20 to 38 for Spring 2016 (Appendix 4). The order of the shorebird names follows the list of Hong Kong birds (HKBWS 2016).

To estimate the total number of shorebirds that utilised the Mai Po Inner Deep Bay Ramsar Site during the 12-month period from 16 July 2015 to 15 July 2016, the peak counts in autumn, winter and spring of each positively identified shorebird species were added together to obtain the aggregate number (Table 1). In summer (2

June to 15 July), as most birds were spring migrants which left late or autumn migrants of the subsequent season which arrived early, only figures of breeding species in the Deep Bay area, i.e. Greater Painted-snipe *Rostratula bengalensis* and Black-winged Stilt *Himantopus himantopus*, would be taken into consideration. Nevertheless, the summer figures of these two species would only be adopted when they were higher than the spring counts to avoid overestimate, as the birds might have arrived or even started breeding in the spring survey period. In winter, supplementary figures of shorebird species which predominantly stayed in the intertidal mudflat areas from monthly waterbird counts within the same survey area (i.e. Mai Po Marshes Nature Reserve and Deep Bay 'B') from December to February (Anon. 2016) were also included in the analysis. Pied Avocet *Recurvirostra avosetta* was an exception that all birds recorded within the Deep Bay area during waterbird counts were included. It is because most wintering individuals of this species stayed in the mudflat areas in Deep Bay 'B' before mid-2000s, while many individuals were recorded in other areas, e.g. Deep Bay 'A', in recent years. In order to better reflect the trend of Pied Avocet in the Deep Bay area, figures within the whole Deep Bay area from the monthly waterbird counts were included. As some shorebird species habitually stayed in Deep Bay for a long period, they might have been counted repeatedly in different seasons. Therefore, some counts were excluded from the calculation of the aggregate numbers to avoid overestimate.

Table 1. Minimum number of shorebirds estimated to have used the Mai Po Inner Deep Bay Ramsar Site during the 12-month period from 16 July 2015 to 15 July 2016. ('Autumn', 'winter' and 'spring' figures include only the peak counts of passage and wintering flocks of each species.)

| Year | 2015 | 2015-16 | 2016 | 2015-16 | 2014-15 | 2013-14 | 2012-13 | 2011-12 |
|---|------------------|--------------------|--------------------|---------|---------|---------|---------|---------|
| Species | autumn | winter | spring | Minimum | Minimum | Minimum | Minimum | Minimum |
| Pheasant-tailed Jacana <i>Hydrophasianus chirurgus</i> | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 4 |
| Greater Painted-snipe <i>Rostratula bengalensis</i> | 2 | 0 | 2 | 4 | 14 | 1 | 3 | 3 |
| Black-winged Stilt <i>Himantopus himantopus</i> | 52 | 66 ^a | 156 ^e | 274 | 634 | 466 | 1,059 | 1,124 |
| Pied Avocet <i>Recurvirostra avosetta</i> | 391 ^b | 9,275 ^a | 5,457 ^b | 9,275 | 10,957 | 11,794 | 9,840 | 14,604 |
| Oriental Pratincole <i>Glareola maldivarum</i> | 6 | 0 | 9 | 15 | 7 | 3 | 16 | 2 |
| Northern Lapwing <i>Vanellus vanellus</i> | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 |
| Grey-headed Lapwing <i>V. cinereus</i> | 2 | 0 | 0 | 2 | 10 | 14 | 11 | 3 |
| Pacific Golden Plover <i>Pluvialis fulva</i> | 2 | 486 ^a | 405 | 893 | 868 | 676 | 762 | 1,258 |
| Grey Plover <i>P. squatarola</i> | 13 ^c | 575 ^a | 315 ^b | 588 | 599 | 848 | 639 | 629 |
| Common Ringed Plover <i>Charadrius hiaticula</i> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Little Ringed Plover <i>C. dubius</i> | 10 | 9 ^a | 11 | 30 | 102 | 77 | 109 | 136 |

| Year | 2015 | 2015-16 | 2016 | 2015-16 | 2014-15 | 2013-14 | 2012-13 | 2011-12 |
|--|------------------|--------------------|------------------|---------|---------|---------|---------|---------|
| Species | autumn | winter | spring | Minimum | Minimum | Minimum | Minimum | Minimum |
| Kentish Plover <i>C. alexandrinus</i> | 366 ^b | 1,241 | 268 | 1,509 | 1,212 | 564 | 3,494 | 3,147 |
| Lesser Sand Plover <i>C. mongolus</i> | 2 | 5 ^a | 82 | 89 | 128 | 66 | 97 | 48 |
| Greater Sand Plover <i>C. leschenaultii</i> | 194 | 2 | 433 | 629 | 851 | 634 | 622 | 236 |
| Oriental Plover <i>C. veredus</i> | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Black-tailed Godwit <i>Limosa limosa</i> | 480 ^c | 895 ^a | 1,281 | 2,656 | 2,343 | 2,163 | 2,541 | 1,989 |
| Bar-tailed Godwit <i>Limosa lapponica</i> | 11 | 4 ^a | 8 | 23 | 237 | 95 | 131 | 38 |
| Little Curlew <i>Numenius minutes</i> | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Whimbrel <i>Numenius phaeopus</i> | 267 | 3 ^{ac} | 48 | 318 | 258 | 287 | 258 | 168 |
| Eurasian Curlew <i>N. arquata</i> | 81 ^c | 1,141 ^a | 425 ^b | 1,222 | 1,005 | 1,297 | 1,440 | 1,128 |
| Far Eastern Curlew <i>N. madagascariensis</i> | 1 | 1 | 4 | 6 | 7 | 6 | 5 | 8 |
| Spotted Redshank <i>Tringa erythropus</i> | 99 | 24 | 146 | 269 | 143 | 355 | 562 | 395 |
| Common Redshank <i>T. totanus</i> | 860 | 599 ^a | 811 | 2,270 | 1,875 | 1,291 | 1,899 | 1,795 |
| Marsh Sandpiper <i>T. stagnatilis</i> | 1,679 | 662 ^b | 1,274 | 2,953 | 2,630 | 2,413 | 2,393 | 2,237 |
| Common Greenshank <i>T. nebularia</i> | 1,383 | 645 ^{ab} | 761 | 2,144 | 1,846 | 1,558 | 1,924 | 3,129 |
| Nordmann's Greenshank <i>T. guttifer</i> | 1 | 1 | 47 ^d | 49 | 25 | 11 | 25 | 35 |
| Green Sandpiper <i>T. ochropus</i> | 1 | 0 | 47 | 48 | 30 | 26 | 40 | 33 |
| Wood Sandpiper <i>T. glareola</i> | 15 | 0 | 319 | 334 | 280 | 109 | 215 | 588 |
| Terek Sandpiper <i>Xenus cinereus</i> | 54 | 0 | 228 | 282 | 408 | 380 | 312 | 406 |
| Common Sandpiper <i>Actitis hypoleucos</i> | 4 | 18 ^a | 29 | 51 | 87 | 97 | 92 | 115 |
| Grey-tailed Tattler <i>Tringa brevipes</i> | 9 | 0 | 36 | 45 | 82 | 248 | 22 | 19 |
| Ruddy Turnstone <i>Arenaria interpres</i> | 1 | 0 | 6 | 7 | 18 | 7 | 8 | 6 |
| Red-necked Phalarope <i>Phalaropus lobatus</i> | 0 | 0 | 2 | 2 | 5 | 14 | 2 | 3 |
| Pintail/Swinhoe's Snipe <i>Gallinago stenura/megala</i> | 0 | 0 | 2 | 2 | 4 | 1 | 4 | 2 |
| Common Snipe <i>Gallinago gallinago</i> | 1 | 4 ^a | 2 | 7 | 37 | 21 | 23 | 28 |
| Long-billed Dowitcher <i>Limnodromus scolopaceus</i> | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 2 |
| Asian Dowitcher <i>Limnodromus semipalmatus</i> | 4 | 0 | 91 | 95 | 138 | 145 | 50 | 72 |
| Red Knot <i>Calidris canutus</i> | 2 ^b | 3 ^a | 27 | 30 | 31 | 119 | 81 | 17 |
| Great Knot <i>C. tenuirostris</i> | 17 | 115 ^a | 278 | 410 | 190 | 89 | 162 | 176 |
| Sanderling <i>C. alba</i> | 0 | 0 | 3 | 3 | 2 | 3 | 2 | 1 |
| Red-necked Stint <i>C. ruficollis</i> | 6 | 3 | 522 | 531 | 942 | 1,390 | 1,711 | 311 |
| Little Stint <i>C. minuta</i> | 0 | 0 | 2 | 2 | 2 | 4 | 5 | 1 |
| Temminck's Stint <i>C. temminckii</i> | 9 ^b | 12 | 3 | 15 | 16 | 14 | 32 | 43 |

| Year | 2015 | 2015-16 | 2016 | 2015-16 | 2014-15 | 2013-14 | 2012-13 | 2011-12 |
|--|-----------------|--------------------|------------------|---------|---------|---------|---------|---------|
| Species | autumn | winter | spring | Minimum | Minimum | Minimum | Minimum | Minimum |
| Long-toed Stint <i>C. subminuta</i> | 0 | 0 | 12 | 12 | 28 | 9 | 7 | 8 |
| Pectoral Sandpiper <i>C. melanotos</i> | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 |
| Sharp-tailed Sandpiper <i>C. acuminata</i> | 2 | 0 | 22 | 24 | 99 | 180 | 205 | 19 |
| Dunlin <i>C. alpina</i> | 12 ^c | 3,940 ^a | 177 ^b | 3,952 | 1,724 | 4,195 | 5,033 | 3,401 |
| Curlew Sandpiper <i>C. ferruginea</i> | 21 | 1 | 7,631 | 7,653 | 5,654 | 5,775 | 5,447 | 6,282 |
| Spoon-billed Sandpiper <i>Eurynorhynchus pygmeus</i> | 0 | 0 | 1 | 1 | 3 | 0 | 4 | 1 |
| Broad-billed Sandpiper <i>Limicola falcinellus</i> | 3 | 2 | 67 | 72 | 105 | 107 | 148 | 35 |
| Ruff <i>Philomachus pugnax</i> | 2 | 0 | 0 | 2 | 2 | 3 | 1 | 1 |
| Tringa spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Small wader spp. (mainly Dunlin or Kentish Plover) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Snipe spp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NUMBER OF SPECIES PRESENT | 39 | 28 | 43 | 45 | 49 | 47 | 47 | 46 |
| AGGREGATE NUMBER OF ALL SHOREBIRD SPECIES | 5,298* | 18,426* | 15,077* | 38,801 | 35,647 | 37,560 | 41,503 | 43,687 |

Notes:

- Supplementary figure from monthly waterbird counts, which was higher than the daily peak count from shorebird counts.
 - The figure of seasonal peak is not used in the calculation of aggregate number because it is likely that the individuals of the species were also recorded in another season as they stayed in Deep Bay for a relatively long period of time.
 - The figure of seasonal peak is not used in the calculation of aggregate number because it is likely that the individuals were also recorded in another season as they stayed in Deep Bay for a relatively long period of time. However, figure of minor peak is used as those individuals were probably belonged to another flock and were passage migrants.
 - Sum of several peaks within the season which indicated different flocks of individuals.
 - The summer figure of this breeding species (32 individuals) was not included, as individuals were likely to be present in spring already.
- * While the sum of daily peak count of individual species in autumn, winter and spring were 6,484, 12,402 and 21,430, respectively, 5,298, 18,426 and 15,077 were included in the calculation of annual aggregate number of all shorebird species. This is the due to adjustments made by (a) the use of supplementary figures from monthly waterbird counts, (b) the removal of numbers of individuals counted in more than one season and (c) the addition of several peak counts within a single season.

3.1 Autumn 2015

The shorebird numbers started with a count of 489 individuals in mid-July and subsequently fluctuated in a range from 600 to above 1,400 from late July to late August. The first notable influx of migrant shorebirds occurred in the first half of August with a count of 1,412 birds on 18 August. The number further increased to a level of 2,300 in the second week of September. A sharp increase in number was observed around mid-October with high count of 5,136 on 14 October. These high

numbers of shorebirds in October might have included arrivals of wintering individuals in the Deep Bay area. The figure 5,136, which was the peak autumn count of shorebirds, was comprised of 25 species and represented an increase of 29% from the autumn peak count of the previous year (2014 autumn: 3,983 individuals of 17 species). During autumn 2015, a total of 39 shorebird species were recorded.

The aggregate number of all shorebird species in autumn 2015 was 5,298 individuals (Table 1), an increase of 13% from that of the previous autumn (4,705 individuals). The three most numerous shorebird species were the Marsh Sandpiper *Tringa stagnatilis*, Common Greenshank *Tringa nebularia* and Common Redshank *Tringa totanus*, with peak counts of 1,679, 1,383 and 860 individuals, respectively. The peak counts of Marsh Sandpiper and Common Greenshank were believed to involve both winter visitors and passage migrants because the counts were recorded in mid-October (Figure 14 & 15). Both wintering and passage populations could have been present in the Deep Bay area in late autumn. The Common Redshanks were mainly passage migrants as the peak count was recorded in early August and the number dropped afterwards to below a hundred in late September (Figure 13).

Other major shorebird species with peak count mainly comprised of passage migrants in autumn 2015 included Greater Sand Plover *Charadrius leschenaultii* (Figure 7) and Whimbrel *Numenius phaeopus* (Figure 10). Details of the shorebird counts conducted in autumn 2015 are provided in Figures 1 to 20.

3.2 Winter 2015-16

The shorebird counts were conducted from mid-November 2015 to mid-February 2016. To enhance the accuracy, information collected in the monthly waterbird counts during mid-winter was also included in the analysis. Twenty-eight (28) species were recorded during the period. In winter 2015-16, the aggregate number of all shorebird species was 18,426 birds (Table 1), which was marginally 4% higher than in the previous winter (17,673 individuals of 30 species) and 16% fewer than in winter 2013-14 (21,947 individuals of 32 species). The three most abundant species recorded in winter 2015-16 were the Pied Avocet *Recurvirostra avosetta* (9,275 individuals, 50% of the aggregate number), Dunlin *Calidris alpina* (3,940 individuals, 21% of the aggregate number) and Kentish Plover *Charadrius alexandrinus* (1,241 individuals, 7% of the aggregate number).

3.3 Spring 2016

Since Hong Kong is basically the southernmost wintering range of Pied Avocets,

therefore the birds presented in spring were all wintering individuals and not included in the analysis. Shorebird counts in spring 2016 started with a relative high number of 7,305 individuals (excluding wintering Pied Avocets) on 23 March. This was also the first notable influx of passage shorebirds, including a flock of 2,680 Curlew Sandpipers *Calidris ferruginea*. The shorebird counts dropped gradually to 3,646 individuals on 31 March. The numbers then fluctuated and remained high within a range of 3,500 to 11,000 birds until mid April. The peak count of the season was 11,274 shorebirds (28 species) recorded on 13 April. This was 18% higher than that of last spring (9,527 individuals of 34 species). The numbers fell from the peak to 3,084 individuals on 22 April, then to around 2,000 in late April, and further reduced to less than 1,000 from 6 May onwards. Figure 20 shows the changes in shorebird numbers in spring 2016.

The Curlew Sandpiper was the most abundant species in spring, with a peak count of 7,631 individuals recorded on 13 April 2016, constituting 51% of the spring aggregate number (15,077 individuals) and 36% higher than that of last spring (5,606 individuals) (Tables 1 and 2). There were another two minor peaks of Curlew Sandpipers, with 5,060 individuals recorded on 7 April and 5,630 individuals recorded on 19 April (Figure 37), indicating that several flocks of this passage species stopped over in Deep Bay. The actual number of individuals in Deep Bay in the spring was likely to be higher than the peak count recorded. It was also noted that Curlew Sandpiper was used to be recorded at large numbers only after early April before 2008. However, large number of this species was recorded earlier in recent years (e.g. 2,680 individuals on 23 March). This may indicate a possible change in spring migration pattern of this species. Black-tailed Godwit (1,281 individuals on 7 April) and Marsh Sandpiper (1,274 individuals on 23 March) was the second and third most abundant species in spring 2016, respectively.

Apart from Curlew Sandpiper was described above, fluctuation of numbers of several regular passage shorebird species was observed in recent years (Table 2). Among these, the number of Red-necked Stints *Calidris ruficollis* decreased from 906 individuals last spring to 522 individuals this spring. A much higher number (3,756 individuals) of this species was recorded in 2010. The peak count of the Lesser Sand Plover *Charadrius mongolus* decreased from 122 individuals in last spring to 82 individuals this spring, though the number this year was much higher than that in 2012 (14 individuals). An exceptionally high count of 227 individuals of Bar-tailed Godwit *Limosa lapponica*, which was the highest spring count since 1984, was recorded in 2015. The peak count of this species fell back to only eight individuals this spring. The Sharp-tailed Sandpiper *Calidris acuminata* also had a lower count (22 individuals)

than last spring (96 individuals). Other species with notable figures include the Great Knot *Calidris tenuirostris*, which had a relatively high count (278 individuals) compared with those of previous years, and the Nordmann's Greenshank *Tringa guttifer*, which had a relatively high count of 47 individuals recorded in this spring. The aggregate number of shorebirds (15,077 individuals) this spring was 14% higher than that of last year (13,269 individuals), but was lower than that in 2010 (16,187 individuals) and 2011 (24,035 individuals). Details of the shorebird counts conducted in spring 2016 are provided in Figures 21 to 38.

Table 2. Peak counts of some shorebird species in spring 2010-2016.

| Species | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 |
|---|--------|--------|--------|--------|--------|--------|--------|
| Pacific Golden Plover <i>Pluvialis fulva</i> | 405 | 476 | 221 | 94 | 245 | 305 | 525 |
| Lesser Sand Plover <i>Charadrius mongolus</i> | 82 | 122 | 37 | 64 | 14 | 79 | 87 |
| Bar-tailed Godwit <i>Limosa lapponica</i> | 8 | 227 | 34 | 117 | 20 | 9 | 26 |
| Nordmann's Greenshank <i>Tringa guttifer</i> | 47 | 24 | 10 | 22 | 34 | 44 | 15 |
| Grey-tailed Tattler <i>Tringa brevipes</i> | 36 | 63 | 239 | 17 | 13 | 13 | 5 |
| Ruddy Turnstone <i>Arenaria interpres</i> | 6 | 17 | 7 | 7 | 5 | 34 | 30 |
| Red Knot <i>Calidris canutus</i> | 27 | 26 | 96 | 76 | 5 | 25 | 26 |
| Great Knot <i>Calidris tenuirostris</i> | 278 | 122 | 70 | 94 | 106 | 157 | 301 |
| Red-necked Stint <i>C. ruficollis</i> | 522 | 906 | 1,330 | 1,770 | 300 | 956 | 3,756 |
| Long-toed Stint <i>C. subminuta</i> | 12 | 25 | 5 | 5 | 6 | 59 | 28 |
| Sharp-tailed Sandpiper <i>C. acuminata</i> | 22 | 96 | 179 | 197 | 15 | 130 | 59 |
| Curlew Sandpiper <i>C. ferruginea</i> | 7,631 | 5,606 | 5,760 | 5,440 | 6,147 | 5,794 | 9,296 |
| Aggregate number of all shorebird species recorded in spring | 15,077 | 13,269 | 12,580 | 13,280 | 11,185 | 16,187 | 23,871 |

3.4 Summer 2016

The number of shorebirds was low in June and early July 2016: excluding Pied Avocet, 27 birds were counted on 9 June, 154 on 23 June and 415 on 6 July 2016. The counts in June were lower than those of the last summer (148 to 327 birds in June 2015) while the count this July was higher (349 in July 2015). The most notable counts were 116 Common Redshanks and 111 Common Greenshanks recorded on 6 July 2016 (Appendix 3). Two shorebird species were recorded breeding in the MPMNR this

summer. At least 5 nests of Black-winged Stilts were recorded at pond 2a and *gei wai* 16/17 in early July, and several chicks were observed during the summer counts. A Greater Painted-snipe chick was also recorded in June.

3.5 Overview 2015-16

As shown in Table 1, the aggregate number of all shorebird species estimated to have used the Ramsar Site in 2015-16 was 38,801 individuals, an increase of 9% from that of 2014-15 (35,647 individuals). The aggregate number of 18,426 individuals in winter made up the largest proportion (47%) of the aggregate number in 2015-16. The sum of aggregate number for autumn and spring was 20,375 individuals, an increase of 13% from that of 2014-15 (17,974 individuals). The 10 most numerous shorebird species recorded in the 12-month period from July 2015 to June 2016, in descending order, were: Pied Avocet (9,275, 24% of aggregate number of all species), Curlew Sandpiper (7,653, 20%), Dunlin (3,952, 10%), Marsh Sandpiper (2,953, 8%), Black-tailed Godwit (2,656, 7%), Common Redshank (2,270, 6%), Common Greenshank (2,144, 6%), Kentish Plover (1,509, 4%), Eurasian Curlew (1,222, 3%) and Pacific Golden Plover (893, 2%).

The peak count on a single day was not a representative figure of the total abundance of shorebirds utilising an area, because turnover of the birds was not taken into account. Studies carried out in Morocco and Malaysia using marked birds (Howes and Bakewell 1989) found that the total number of shorebirds using a given area during migration lay in the range of 3 to 4.5 times the peak daily count of passage shorebirds. By applying this finding to the aggregate of 20,375 observable shorebirds recorded in autumn and spring, it was estimated that the Deep Bay area supported a flow of 61,125 to 91,688 passage shorebirds during the migratory season in 2015-16.

3.6 Regionally important populations

Reviews and estimates of the known shorebird population size and the 1% level of the flyway or regional population of all waterbird species were adopted from the Wetlands International (2016). Table 3 is an extract of migratory shorebirds utilising the Mai Po Inner Deep Bay Ramsar Site during the period from July 2015 to July 2016 whose numbers exceeded the 1% level of the flyway or regional population.

Table 3. Counts of shorebird species recorded in the Deep Bay area from July 2015 to July 2016 which were higher than 1% of their flyway or regional population.

| Species | Flyway/regional population | 1% threshold | Number recorded | Percentage |
|--|----------------------------|--------------|-----------------|------------|
| Pied Avocet <i>Recurvirostra avosetta</i> | 100,000 | 1,000 | 9,275 | 9.3% |
| Kentish Plover <i>Charadrius alexandrinus</i> | 50,000-100,000 | 710 | 1,509 | 2.1% |
| Black-tailed Godwit <i>Limosa limosa</i> | 139,000 | 1,400 | 2,656 | 1.9% |
| Eurasian Curlew <i>Numenius arquata</i> | 100,000 | 1,000 | 1,222 | 1.2% |
| Spotted Redshank <i>Tringa erythropus</i> | 25,000 | 250 | 269 | 1.1% |
| Common Redshank <i>Tringa totanus</i> | 10,000-100,000 | 1,000 | 2,270 | 2.3% |
| Common Greenshank <i>Tringa nebularia</i> | 100,000 | 1,000 | 2,144 | 2.1% |
| Nordmann's Greenshank <i>Tringa guttifer</i> | 400-600 | 5 | 49 | 9.8% |
| Curlew Sandpiper <i>Calidris ferruginea</i> | 135,000 | 1,400 | 7,653 | 5.7% |

3.7 Globally threatened species

The following globally threatened and near-threatened species listed in BirdLife International (2016) were recorded from July 2015 to July 2016:

- Black-tailed Godwit (Near-threatened): A total of 2,656 individuals were recorded in the 12-month period, with peak counts of 895 birds in winter and 1,281 birds in spring. The number of the species this year showed an increase of 13% from that of last year (2,343 individuals). Applying the criterion that 1% of the regional population was 1,400 individuals (Wetlands International 2016), the Deep Bay area supported 1.9% of the regional population in 2015-16 (Table 3).
- Bar-tailed Godwit (Near-threatened): A total of 23 individuals were recorded in the 12-month period, with peak count of 11 birds in autumn, 4 birds in winter and 8 in spring. The number of the species this year showed a significant drop of 90%

from the exceptionally high count of the previous year (237 individuals).

- Eurasian Curlew (Near-threatened): This species was recorded in the Deep Bay area throughout the non-breeding period, with higher numbers in the mid-winter period. A total of 1,222 individuals were recorded in the 12-month period, with peak count of 1,141 individuals recorded in the February waterbird count, which represented an increase of 22% from that of the last year (1,005 individuals). Applying the criterion that 1% of the regional population was 1,000 individuals (Wetlands International 2016), the Deep Bay area supported 1.2% of the regional population in 2015-16 (Table 3).
- Far Eastern Curlew (Endangered): This species was recorded only in small numbers in the Deep Bay area. A total of 6 individuals (1 in autumn, 1 in winter and 4 in spring) were recorded in this 12-month period. This was similar to last year's record (7 individuals).
- Nordmann's Greenshank (Endangered): A total of 49 individuals were recorded in the 12-month period, including 1 in autumn, 1 in winter and 47 (peak count of 36 adults and 11 with first-summer plumage) in spring 2016. This nearly doubled the number recorded last year (25 individuals). The global population is estimated to be in the range of 400-600 individuals. Applying the criterion that the 1% threshold is 5 individuals (Wetlands International 2016), the Deep Bay area supported 9.8% of the global population in 2015-16 (Table 3).
- Grey-tailed Tattler (Near-threatened): This species has been recently uplisted to Near Threatened due to a moderately rapid population decline driven by ongoing habitat loss and degradation (BirdLife International 2016). The number of this species in the Deep Bay fluctuated in recent years (Table 2). During the 12-month period, a total of 45 individuals were recorded (9 in autumn and 36 in spring).
- Asian Dowitcher (Near-threatened): A total of 95 individuals (4 in autumn and 91 in spring) were recorded in 2015-16, 31% lower than that of last year (138 individuals) (Table 2).
- Great Knot (Endangered): A total of 410 individuals were recorded in 2015-16, including 17 in autumn, 115 in winter and 278 in spring. The number of Great Knot recorded this year was more than double of that of last year (190 individuals)

(Table 2) and was the second highest aggregate number since the start of shorebird monitoring in 1997. The winter peak count-was also being a new high for Hong Kong while the spring count first bounced back to more than 250 individuals since spring 2010 (278 individuals in 2016, 122 in 2015, 70 in 2014, 94 in 2013, 106 in 2012, 157 in 2011 and 301 in 2010).

- Red Knot (Near-threatened): A total of 30 individuals were recorded in 2015-16, including 3 in winter and 27 in spring, 3% lower than that of last year (31 individuals). The population of this region has decreased for 57.4% over three generations (BirdLife International 2016).
- Curlew Sandpiper (Near-threatened): A total of 7,653 individuals were recorded in 2015-16, including 21 in autumn, 1 in winter and 7,631 in spring, 35% higher than that of last year (5,654 individuals). This species was recorded in high number in spring, attributing to the largest proportion of spring passage shorebirds. Applying the criterion that 1% of the regional population was 1,400 individuals (Wetlands International 2016), the Deep Bay area supported 5.7% of the regional population in 2015-16 (Table 3). Using the monitoring data from around Australia and New Zealand, it is estimated that the population of this region had declined by 80.5% in three generations (BirdLife International 2016).
- Red-necked Stint (Near-threatened): A total of 531 individuals were recorded in 2015-16, including 6 in spring, 3 in winter and 522 in spring, 44% lower than that of last year (942 individuals). The annual peak numbers in the Deep Bay area showed a decline (Table 2). The overall population decline of 29% over three generations was also reported based on the monitoring in Australia and New Zealand (BirdLife International 2016).
- Spoon-billed Sandpiper (Critically Endangered): There has been a drastic population decline in this species recently. Only one individual was recorded this year. Number of mature individuals is estimated as 240 to 400 (BirdLife International 2016) and the 1% global population is set as 3 individuals (Wetlands International 2016).

3.8 *Sightings of leg-flagged shorebirds*

Some migratory shorebirds were fitted with colour flag(s) in different countries or regions for studies on their migration routes. The re-sighting records of these leg-flagged birds were also collected during the shorebird counts to serve as a reference

about the flyway and site/habitat preferences of these migratory waterbirds. These re-sighting records included direct observations by shorebird count surveyors, reports from bird watchers and photographers, and information posted on the HKBWS's website. A total of 361 sightings were recorded in 2015-16, 13% less than in the previous year (417 sightings). Among the sighting records, a total of 261 (72%) birds were fitted with local Hong Kong leg flags (white (upper) and yellow (lower)), 96 (27%) had overseas flags, and 4 (two Terek Sandpipers with single white flags, a Curlew Sandpiper with a single red flag and a Red-necked Stint with metal ring) were of undetermined origin.

Among the shorebirds with overseas leg flags, a total of 55 (57%) had a single yellow leg flag or colour rings, indicating that they were tagged in North Western Australia. Another 24 birds (25%) had a single orange flag, indicating that they had been tagged in Victoria, Australia. There were also records of shorebirds with flag(s) of other colour(s), such as Dunlin from Hokkaido in Japan (blue (both upper and lower)); a Curlew Sandpiper from Mongolia (blue (upper) and green (lower)); Marsh Sandpipers (white (upper) and blue (lower)) from Taiwan; a Red-necked Stint, Terek Sandpipers and Grey-tailed Tattlers from Chongming Island in China (black (upper) and white (lower) for recently flagged birds). In terms of species flagged, 37 sightings of Curlew Sandpiper (39%) and 27 sightings of Red-necked Stint (28%) were recorded. Among the re-sightings of Hong Kong-flagged shorebirds, Common Redshank ranked the highest with 77 re-sightings (30%), followed by Black-tailed Godwit with 36 re-sightings (14%). The detailed re-sighting records are provided in Appendix 5. Some flagged Black-tailed Godwits, Common Greenshanks, Common Redshanks and Marsh Sandpipers have been recorded in at least four years from 2011 to 2016 in the Deep Bay area. The list of these frequently resighted individuals is provided in Appendix 6.

3.9 Other observations

The shorebird aggregate number has fluctuated in the past 10 years, rising to a high level of above 50,000 from 2006 to 2010, then dropping to around 38-43,000 between 2011-2013 and further down to a level of 35-38,000 individuals in the past three years. Some shorebird species, e.g. Far Eastern Curlew, Curlew Sandpiper, Grey-tailed Tattler and Red-necked Stint, exhibited notable declines in their wintering grounds at Australia (BirdLife International 2016) and have been uplisted to threatened and near-threatened categories in the IUCN Red List. This global/regional decline of population is probably related to the potential declines of the Deep Bay populations.

Table 4. Annual shorebird aggregates in the past ten years.

| | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2015-16 | 2014-15 | 2013-14 | 2012-13 | 2011-12 | 2010-11 | 2009-10 | 2008-09 | 2007-08 | 2006-07 |
| 38,801 | 35,647 | 37,560 | 41,503 | 43,687 | 38,223 | 53,300 | 54,457 | 50,582 | 48,643 |

Bird watchers reported that large flock of *Tringa spp.* roosted in Hong Kong Wetland Park (HKWP) during the high tide period since 2012. To provide supplementary information on the shorebird population in the Deep Bay area during the peak migration period in spring, trial synchronized surveys were conducted at MPMNR and HKWP in spring last year. Synchronized surveys were also conducted this spring on 26 March, 7, 9 and 22 April 2016. The highest count of shorebirds recorded from HKWP was 3,099 individuals on 22 April (36% of the total number recorded on that day) (Table 5). *Tringas* and Curlew Sandpiper were recorded in high numbers in HKWP during the surveys. For example, a high number of Spotted Redshanks (258 individuals) were recorded in HKWP on 22 April, while only 42 individuals were recorded in Mai Po on the same day. In addition, the peak count of Spotted Redshanks in Mai Po in spring was only 146 individuals, recorded on 4 April (Table 6). If the records from HKWP are included, the spring aggregate number would be 15,400, which is 2% higher than the original number (15,077). These findings suggest that synchronized shorebird surveys conducted in HKWP in spring would provide a more comprehensive figure on the number of shorebirds.

Compared with last year, the number of shorebirds counted in the synchronized surveys was lower this year. The pattern of shorebird movement during the high tide period is still not well known in the current stage. This is suggested that the synchronized survey should be continued next spring to give more information on the movement pattern.

Table 5. Number of shorebirds recorded in synchronized surveys in Mai Po and HKWP in spring 2016.

| Date | 26 March | 7 April | 9 April | 22 April |
|---------------|--------------|-------------|-------------|-------------|
| Mai Po | 11,503 (97%) | 9,472 (95%) | 4,267 (84%) | 5,524 (64%) |
| HKWP | 382 (3%) | 525 (5%) | 824 (16%) | 3,099 (36%) |
| Total | 11,885 | 9,997 | 5,091 | 8,623 |

Table 6. Shorebird species with a higher peak count in spring when the counts in HKWP are included.

| Species | Original Peak Count | Peak Count when data from HKWP included | Difference |
|-----------------------|---------------------|---|------------|
| Spotted Redshank | 146 | 300 | +154 |
| Common Redshank | 811 | 925 | +114 |
| Common Greenshank | 761 | 809 | +48 |
| Wood Sandpiper | 319 | 325 | +6 |
| Long-billed Dowitcher | 1 | 2 | +1 |

Human disturbance was noted in the mudflat area this year. Sightings of mudskipper collectors were recorded during the counts in winter and spring. The mudskipper collectors walked around on the mudflats and therefore flushed the shorebirds and other waterbirds. Before more information is available to understand the reason for the fluctuating numbers of shorebirds in Hong Kong, regular patrols and enforcement by the AFCD are important to avoid further aggravation or disturbances to the shorebirds and therefore to ensure a more accurate count.

4. Acknowledgements

We would like to thank members of the HKBWS for providing sighting reports of colour-flagged shorebirds.

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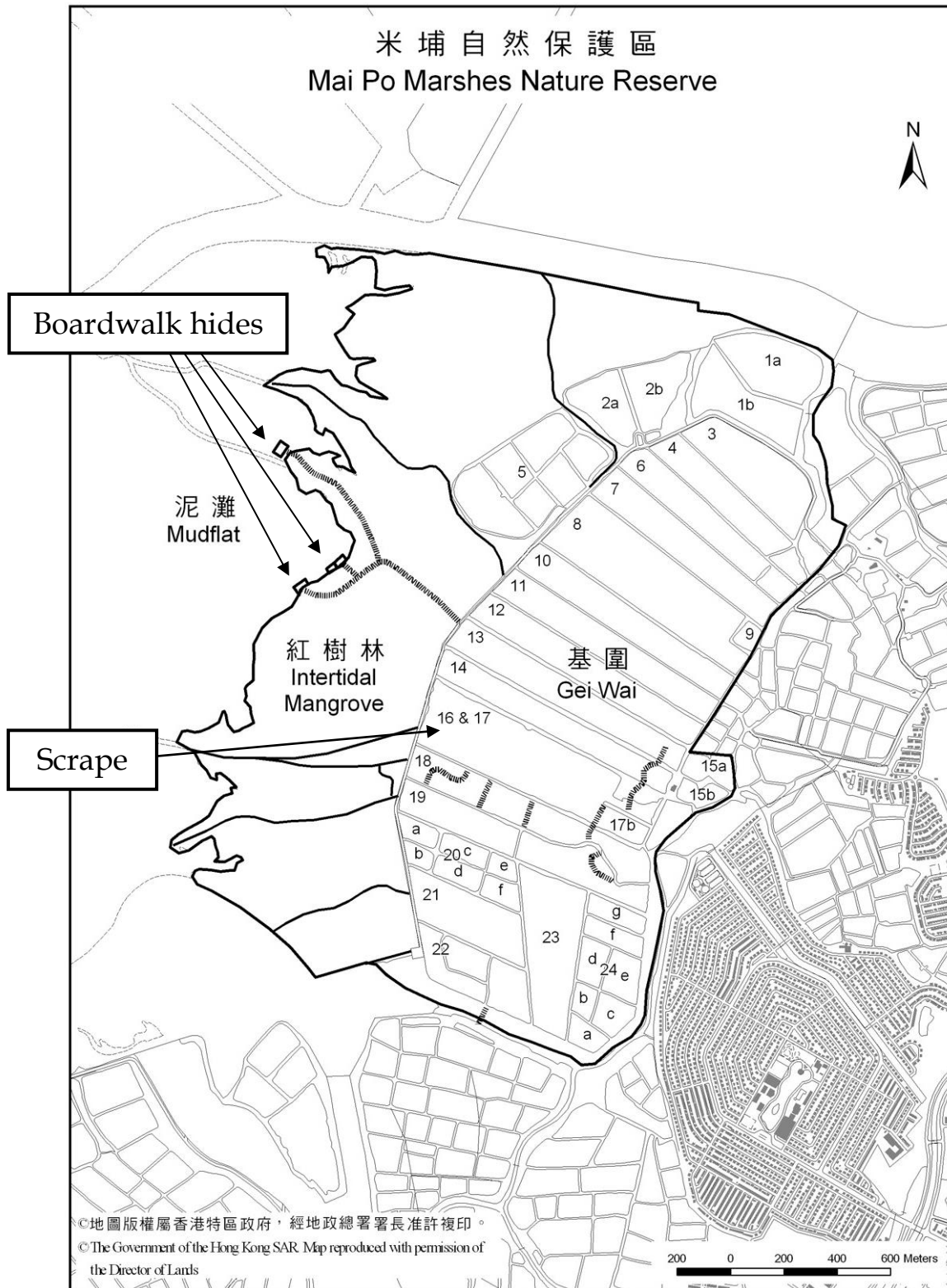
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Map 1. Mai Po Marshes Nature Reserve – the site under study in the Shorebird Monitoring Programme, 2015-16.



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

Shorebird Monitoring Report

Appendix 1

Counts of shorebirds in the Mai Po Inner Deep Bay
Ramsar Site in autumn 2015.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation
Department

Counts of shorebirds in the Mai Po Inner Deep Bay Ramsar Site in autumn 2015.

| | 16-21 Jul | 22-28 Jul | 29 - 4 Aug | 5-11 Aug | 12-18 Aug | 19-25 Aug | 26-1 Sep | 2 - 8 Sep | 9-15 Sep | 16-22 Sep | 23-29 Sep | 30 - 6 Oct | 7-13 Oct | 14-20 Oct | 21-27 Oct | 28- 3 Nov |
|------------------------|--------------|--------------|---------------|-------------|--------------|--------------|-------------|--------------|-------------|--------------|--------------|---------------|-------------|--------------|--------------|--------------|
| Pheasant-tailed Jacana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Greater Painted-snipe | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black-winged Stilt | 8 | 4 | 17 | 17 | 1 | 6 | 52 | 18 | 13 | 1 | 14 | 11 | 25 | 42 | 41 | 18 |
| Pied Avocet | 1 | 3 | 10 | 14 | 7 | 0 | 0 | 1 | 12 | 9 | 0 | 11 | 63 | 391 | 167 | 106 |
| Oriental Pratincole | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Northern Lapwing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grey-headed Lapwing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 |
| Pacific Golden Plover | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| Grey Plover | 13 | 11 | 0 | 2 | 1 | 11 | 0 | 11 | 1 | 1 | 0 | 36 | 3 | 1 | 0 | 22 |
| Common Ringed Plover | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Little Ringed Plover | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 7 | 2 | 10 | 2 | 4 |
| Kentish Plover | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 | 0 | 327 | 366 | 117 | 37 | 133 |
| Lesser Sand Plover | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Greater Sand Plover | 0 | 167 | 1 | 194 | 107 | 142 | 0 | 102 | 0 | 36 | 0 | 19 | 13 | 15 | 2 | 0 |
| Oriental Plover | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black-tailed Godwit | 13 | 46 | 79 | 91 | 127 | 59 | 270 | 337 | 480 | 450 | 443 | 1 | 262 | 727 | 276 | 481 |
| Bar-tailed Godwit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 7 | 11 | 3 | 3 | 0 | 0 |
| Little Curlew | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | 16-21 Jul | 22-28 Jul | 29 - 4 Aug | 5-11 Aug | 12-18 Aug | 19-25 Aug | 26-1 Sep | 2 - 8 Sep | 9-15 Sep | 16-22 Sep | 23-29 Sep | 30 - 6 Oct | 7-13 Oct | 14-20 Oct | 21-27 Oct | 28- 3 Nov |
|-------------------------|--------------|--------------|---------------|-------------|--------------|--------------|-------------|--------------|-------------|--------------|--------------|---------------|-------------|--------------|--------------|--------------|
| Whimbrel | 29 | 7 | 0 | 58 | 182 | 267 | 161 | 108 | 92 | 99 | 13 | 21 | 0 | 40 | 0 | 19 |
| Eurasian Curlew | 47 | 11 | 47 | 66 | 64 | 81 | 61 | 67 | 81 | 89 | 96 | 93 | 112 | 107 | 84 | 129 |
| Far Eastern Curlew | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| Spotted Redshank | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 44 | 99 |
| Common Redshank | 272 | 234 | 860 | 488 | 390 | 111 | 344 | 163 | 181 | 148 | 38 | 58 | 73 | 549 | 211 | 274 |
| Marsh Sandpiper | 0 | 0 | 6 | 4 | 18 | 6 | 204 | 154 | 547 | 550 | 401 | 1133 | 981 | 1679 | 1653 | 1532 |
| Common Greenshank | 81 | 110 | 325 | 312 | 429 | 295 | 664 | 487 | 920 | 622 | 281 | 451 | 435 | 1383 | 775 | 786 |
| Nordmann's Greenshank | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Green Sandpiper | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wood Sandpiper | 6 | 1 | 15 | 2 | 8 | 0 | 0 | 0 | 5 | 0 | 3 | 0 | 1 | 1 | 4 | 6 |
| Terek Sandpiper | 11 | 51 | 0 | 36 | 54 | 44 | 1 | 28 | 0 | 10 | 0 | 21 | 0 | 0 | 0 | 0 |
| Common Sandpiper | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 4 | 1 | 2 | 0 | 1 |
| Grey-tailed Tattler | 2 | 0 | 0 | 0 | 9 | 5 | 0 | 7 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ruddy Turnstone | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Red-necked Phalarope | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pintail/Swinhoe's Snipe | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Common Snipe | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Long-billed Dowitcher | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asian Dowitcher | 0 | 0 | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Red Knot | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 0 | 1 | 0 | 0 |

| | 16-21 Jul | 22-28 Jul | 29 - 4 Aug | 5-11 Aug | 12-18 Aug | 19-25 Aug | 26-1 Sep | 2 -8 Sep | 9-15 Sep | 16-22 Sep | 23-29 Sep | 30 - 6 Oct | 7-13 Oct | 14-20 Oct | 21-27 Oct | 28- 3 Nov |
|-------------------------|--------------|--------------|---------------|-------------|--------------|--------------|-------------|-------------|-------------|--------------|--------------|---------------|-------------|--------------|--------------|--------------|
| Great Knot | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 12 | 0 | 0 | 0 | 17 | 7 | 5 | 6 | 5 |
| Sanderling | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Red-necked Stint | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 1 | 0 |
| Little Stint | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Temminck's Stint | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 |
| Long-toed Stint | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pectoral Sandpiper | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sharp-tailed Sandpiper | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 |
| Dunlin | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 12 | 0 | 3 | 56 | 49 | 112 | 18 |
| Curlew Sandpiper | 0 | 1 | 7 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 |
| Spoon-billed Sandpiper | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broad-billed Sandpiper | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ruff | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Sand Plover sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Small wader sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Large <i>tringa</i> sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total: | 489 | 652 | 1,373 | 1,312 | 1,412 | 1,030 | 1,757 | 1,501 | 2,343 | 2,126 | 1,299 | 2,230 | 2,408 | 5,136 | 3,421 | 3,643 |

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

Shorebird Monitoring Report

Appendix 2

Counts of shorebirds in the Mai Po Inner Deep Bay
Ramsar Site in winter 2015-16.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation
Department

Counts of shorebirds in the Mai Po Inner Deep Bay Ramsar Site in winter
2015-16.

| | 10-Nov | 14-Dec | 16-Jan | 15-Feb |
|------------------------|--------|--------|--------|--------|
| Pheasant-tailed Jacana | 0 | 0 | 0 | 0 |
| Greater Painted-snipe | 0 | 0 | 0 | 0 |
| Black-winged Stilt | 44 | 28 | 24 | 35 |
| Pied Avocet | 122 | 1,827 | 2,087 | 3,461 |
| Oriental Pratincole | 0 | 0 | 0 | 0 |
| Northern Lapwing | 0 | 0 | 0 | 0 |
| Grey-headed Lapwing | 0 | 0 | 0 | 0 |
| Pacific Golden Plover | 241 | 302 | 11 | 119 |
| Grey Plover | 69 | 492 | 480 | 436 |
| Common Ringed Plover | 0 | 0 | 0 | 0 |
| Little Ringed Plover | 2 | 0 | 0 | 0 |
| Kentish Plover | 1,241 | 761 | 98 | 198 |
| Lesser Sand Plover | 0 | 0 | 0 | 0 |
| Greater Sand Plover | 1 | 2 | 0 | 2 |
| Oriental Plover | 0 | 0 | 0 | 0 |
| Black-tailed Godwit | 364 | 2 | 649 | 0 |
| Bar-tailed Godwit | 2 | 1 | 2 | 3 |
| Little Curlew | 0 | 0 | 0 | 0 |
| Whimbrel | 4 | 2 | 1 | 0 |
| Eurasian Curlew | 98 | 282 | 974 | 688 |
| Far Eastern Curlew | 1 | 0 | 0 | 0 |
| Spotted Redshank | 24 | 0 | 22 | 0 |
| Common Redshank | 391 | 64 | 233 | 212 |
| Marsh Sandpiper | 662 | 611 | 471 | 179 |
| Common Greenshank | 273 | 192 | 156 | 83 |
| Nordmann's Greenshank | 0 | 0 | 1 | 0 |
| Green Sandpiper | 0 | 0 | 0 | 0 |
| Wood Sandpiper | 0 | 0 | 0 | 0 |
| Terek Sandpiper | 0 | 0 | 0 | 0 |
| Common Sandpiper | 0 | 0 | 2 | 0 |
| Grey-tailed Tattler | 0 | 0 | 0 | 0 |
| Ruddy Turnstone | 0 | 0 | 0 | 0 |
| Red-necked Phalarope | 0 | 0 | 0 | 0 |

| | 10-Nov | 14-Dec | 16-Jan | 15-Feb |
|-------------------------|--------|--------|--------|--------|
| Pintail/Swinhoe's Snipe | 0 | 0 | 0 | 0 |
| Common Snipe | 0 | 0 | 0 | 0 |
| Long-billed Dowitcher | 1 | 0 | 1 | 0 |
| Asian Dowitcher | 0 | 0 | 0 | 0 |
| Red Knot | 1 | 0 | 2 | 0 |
| Great Knot | 43 | 52 | 66 | 77 |
| Sanderling | 0 | 0 | 0 | 0 |
| Red-necked Stint | 0 | 0 | 0 | 3 |
| Little Stint | 0 | 0 | 0 | 0 |
| Temminck's Stint | 0 | 12 | 2 | 0 |
| Long-toed Stint | 0 | 0 | 0 | 0 |
| Pectoral Sandpiper | 0 | 0 | 0 | 0 |
| Sharp-tailed Sandpiper | 0 | 0 | 0 | 0 |
| Dunlin | 2,281 | 3,776 | 1,930 | 2,543 |
| Curlew Sandpiper | 0 | 0 | 0 | 1 |
| Spoon-billed Sandpiper | 0 | 0 | 0 | 0 |
| Broad-billed Sandpiper | 2 | 0 | 0 | 0 |
| Ruff | 0 | 0 | 0 | 0 |
| Sand Plover sp. | 0 | 0 | 0 | 0 |
| Small wader sp. | 0 | 0 | 0 | 0 |
| Tringas/godwits | 0 | 0 | 0 | 0 |
| Total: | 5,867 | 8,406 | 7,212 | 8,040 |

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

Shorebird Monitoring Report

Appendix 3

Counts of shorebirds in the Mai Po Inner Deep Bay
Ramsar Site in spring and summer 2016.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation
Department

Counts of shorebirds in the Mai Po Inner Deep Bay Ramsar Site in spring and summer 2016.

| | 22-24 Mar | 25-27 Mar | 28-30 Mar | 31-2 Apr | 3-5 Apr | 6-8 Apr | 9-11 Apr | 12-14 Apr | 15-17 Apr | 18-20 Apr | 21-23 Apr | 24-26 Apr | 27-29 Apr | 30-2 May | 3-5 May | 6-8 May | 9-11 May | 12-14 May | 15-17 May | 18-20 May | 21-23 May | 24-26 May | 27-29 May | 30-1 Jun | 2-15 Jun | 16-30 Jun | 1-15 Jul |
|------------------------|--------------|--------------|--------------|-------------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|--------------|-------------|
| Pheasant-tailed Jacana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Greater Painted-snipe | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black-winged Stilt | 26 | 24 | 9 | 44 | 105 | 45 | 19 | 58 | 156 | 81 | 29 | 42 | 53 | 85 | 36 | 31 | 17 | 32 | 13 | 9 | 8 | 11 | 15 | 6 | 2 | 6 | 32 |
| Pied Avocet | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oriental Pratincole | 9 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Northern Lapwing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grey-headed Lapwing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pacific Golden Plover | 10 | 13 | 1 | 3 | 69 | 0 | 1 | 13 | 0 | 122 | 111 | 0 | 0 | 405 | 148 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Grey Plover | 315 | 175 | 211 | 72 | 30 | 31 | 0 | 6 | 28 | 21 | 3 | 3 | 0 | 11 | 0 | 0 | 7 | 11 | 13 | 0 | 12 | 5 | 9 | 0 | 0 | 0 | 0 |
| Common Ringed Plover | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Little Ringed Plover | 2 | 11 | 1 | 2 | 0 | 1 | 0 | 2 | 1 | 10 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 35 |
| Kentish Plover | 83 | 128 | 133 | 27 | 268 | 0 | 0 | 3 | 1 | 4 | 0 | 0 | 0 | 3 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lesser Sand Plover | 3 | 4 | 3 | 1 | 23 | 2 | 0 | 82 | 1 | 17 | 8 | 0 | 11 | 30 | 30 | 0 | 11 | 7 | 12 | 9 | 17 | 3 | 1 | 2 | 0 | 0 | 0 |
| Greater Sand Plover | 37 | 97 | 43 | 72 | 426 | 32 | 9 | 433 | 36 | 216 | 66 | 46 | 98 | 119 | 131 | 0 | 94 | 64 | 60 | 46 | 65 | 51 | 34 | 9 | 0 | 0 | 69 |
| Oriental Plover | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black-tailed Godwit | 827 | 607 | 872 | 775 | 540 | 1281 | 874 | 826 | 1193 | 1180 | 364 | 379 | 373 | 282 | 63 | 18 | 17 | 34 | 35 | 40 | 21 | 33 | 12 | 9 | 0 | 2 | 2 |
| Bar-tailed Godwit | 2 | 2 | 4 | 5 | 8 | 1 | 0 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 2 | 3 | 2 | 4 | 3 | 2 | 3 | 5 | 2 | 0 | 0 | 2 | 0 |
| Little Curlew | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Whimbrel | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 26 | 48 | 12 | 7 | 0 | 0 | 18 | 12 | 7 | 30 | 32 | 26 | 19 | 0 | 0 | 0 |

| | 22-24 Mar | 25-27 Mar | 28-30 Mar | 31-2 Apr | 3-5 Apr | 6-8 Apr | 9-11 Apr | 12-14 Apr | 15-17 Apr | 18-20 Apr | 21-23 Apr | 24-26 Apr | 27-29 Apr | 30-2 May | 3-5 May | 6-8 May | 9-11 May | 12-14 May | 15-17 May | 18-20 May | 21-23 May | 24-26 May | 27-29 May | 30-1 Jun | 2-15 Jun | 16-30 Jun | 1-15 Jul |
|-------------------------|--------------|--------------|--------------|-------------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|--------------|-------------|
| Eurasian Curlew | 377 | 425 | 144 | 91 | 47 | 44 | 18 | 30 | 17 | 25 | 29 | 0 | 21 | 18 | 25 | 21 | 16 | 24 | 22 | 25 | 28 | 22 | 23 | 21 | 0 | 22 | 30 |
| Far Eastern Curlew | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 1 | 1 | 2 | 0 | 0 | 1 | 0 |
| Spotted Redshank | 16 | 5 | 15 | 16 | 146 | 18 | 14 | 17 | 125 | 99 | 42 | 92 | 0 | 40 | 19 | 15 | 28 | 12 | 6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Common Redshank | 707 | 811 | 639 | 342 | 15 | 662 | 344 | 328 | 764 | 468 | 153 | 339 | 221 | 338 | 214 | 76 | 92 | 41 | 54 | 42 | 61 | 8 | 28 | 6 | 0 | 29 | 116 |
| Marsh Sandpiper | 1274 | 1192 | 694 | 936 | 118 | 924 | 533 | 750 | 1081 | 218 | 282 | 214 | 30 | 28 | 0 | 6 | 0 | 0 | 0 | 2 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| Common Greenshank | 604 | 693 | 751 | 463 | 310 | 453 | 249 | 212 | 446 | 420 | 91 | 533 | 333 | 761 | 196 | 172 | 97 | 119 | 53 | 136 | 116 | 27 | 51 | 52 | 25 | 92 | 111 |
| Nordmann's Greenshank | 0 | 0 | 2 | 4 | 4 | 10 | 6 | 5 | 2 | 3 | 26 | 0 | 0 | 4 | 2 | 2 | 0 | 0 | 7 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Green Sandpiper | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wood Sandpiper | 7 | 1 | 4 | 28 | 56 | 4 | 0 | 8 | 0 | 8 | 319 | 28 | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 7 |
| Terek Sandpiper | 0 | 5 | 9 | 3 | 126 | 26 | 1 | 228 | 136 | 53 | 67 | 45 | 19 | 13 | 98 | 0 | 15 | 29 | 0 | 0 | 49 | 112 | 84 | 95 | 0 | 0 | 0 |
| Common Sandpiper | 0 | 4 | 1 | 5 | 7 | 1 | 0 | 5 | 2 | 2 | 1 | 2 | 0 | 29 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 9 |
| Grey-tailed Tattler | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 6 | 16 | 8 | 16 | 0 | 12 | 2 | 0 | 0 | 24 | 36 | 14 | 11 | 0 | 0 | 0 |
| Ruddy Turnstone | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 6 | 1 | 3 | 1 | 1 | 0 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Red-necked Phalarope | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pintail/Swinhoe's Snipe | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Common Snipe | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Long-billed Dowitcher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asian Dowitcher | 0 | 0 | 0 | 0 | 0 | 13 | 16 | 24 | 53 | 17 | 53 | 91 | 12 | 7 | 76 | 4 | 5 | 3 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 2 |
| Red Knot | 6 | 1 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 7 | 3 | 1 | 11 | 26 | 3 | 0 | 27 | 2 | 0 | 24 | 2 | 0 | 0 | 0 | 0 | 0 |
| Great Knot | 139 | 75 | 148 | 278 | 115 | 12 | 1 | 6 | 3 | 31 | 3 | 6 | 6 | 28 | 10 | 0 | 0 | 47 | 1 | 0 | 52 | 42 | 46 | 19 | 0 | 0 | 0 |
| Sanderling | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | 22-24 Mar | 25-27 Mar | 28-30 Mar | 31-2 Apr | 3-5 Apr | 6-8 Apr | 9-11 Apr | 12-14 Apr | 15-17 Apr | 18-20 Apr | 21-23 Apr | 24-26 Apr | 27-29 Apr | 30-2 May | 3-5 May | 6-8 May | 9-11 May | 12-14 May | 15-17 May | 18-20 May | 21-23 May | 24-26 May | 27-29 May | 30-1 Jun | 2-15 Jun | 16-30 Jun | 1-15 Jul |
|-------------------------|--------------|--------------|--------------|-------------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|--------------|-------------|
| Red-necked Stint | 0 | 132 | 65 | 12 | 189 | 39 | 1 | 522 | 82 | 82 | 193 | 2 | 97 | 332 | 436 | 0 | 181 | 292 | 375 | 66 | 48 | 37 | 3 | 6 | 0 | 0 | 0 |
| Little Stint | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Temminck's Stint | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Long-toed Stint | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 12 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pectoral Sandpiper | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sharp-tailed Sandpiper | 0 | 0 | 0 | 2 | 8 | 14 | 4 | 4 | 1 | 3 | 10 | 3 | 4 | 1 | 9 | 7 | 6 | 1 | 22 | 10 | 7 | 6 | 0 | 0 | 0 | 0 | 0 |
| Dunlin | 177 | 5 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Curlew Sandpiper | 2680 | 1624 | 670 | 452 | 4439 | 5060 | 1579 | 7631 | 1094 | 5630 | 1142 | 218 | 688 | 198 | 94 | 11 | 0 | 26 | 9 | 0 | 3 | 2 | 2 | 0 | 0 | 0 | 0 |
| Spoon-billed Sandpiper | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broad-billed Sandpiper | 3 | 5 | 2 | 5 | 5 | 11 | 0 | 67 | 1 | 0 | 21 | 1 | 17 | 2 | 26 | 0 | 21 | 5 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ruff | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Small wader sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Large <i>tringa</i> sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total: | 7,305 | 6,046 | 4,438 | 3,646 | 7,061 | 8,684 | 3,669 | 11,274 | 5,247 | 8,735 | 3,084 | 2,080 | 2,070 | 2,778 | 1,671 | 370 | 625 | 804 | 705 | 406 | 586 | 441 | 355 | 258 | 27 | 154 | 415 |

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

Shorebird Monitoring Report

Appendix 4

Figures of counts of shorebird species in Autumn 2015 and Spring 2016.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation
Department

Figure 1. Total number of shorebirds recorded at Mai Po Inner Deep Bay, autumn 2015

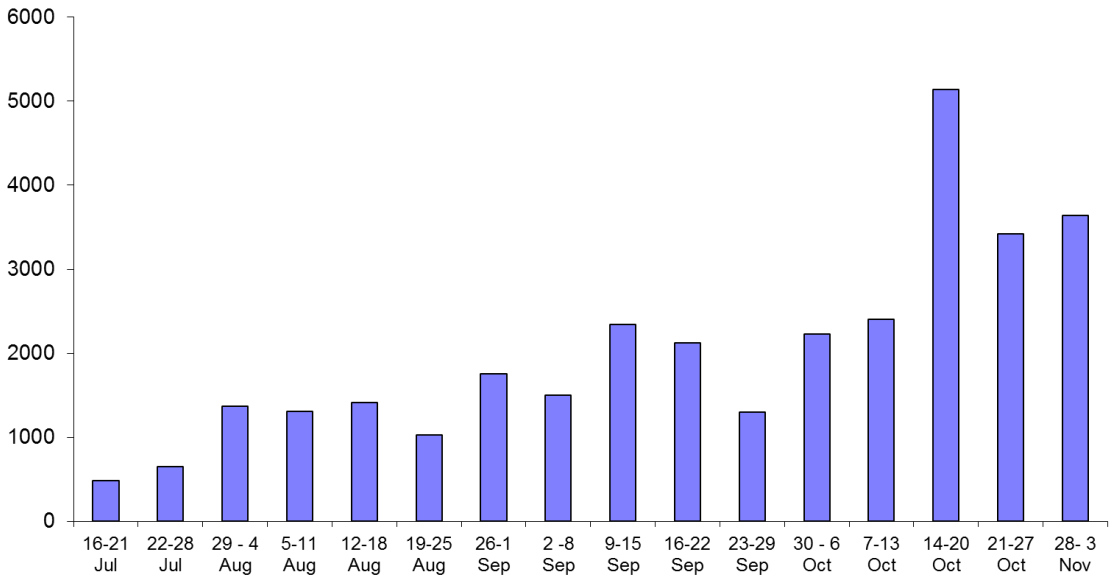


Figure 2. Counts of Black-winged Stilt at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

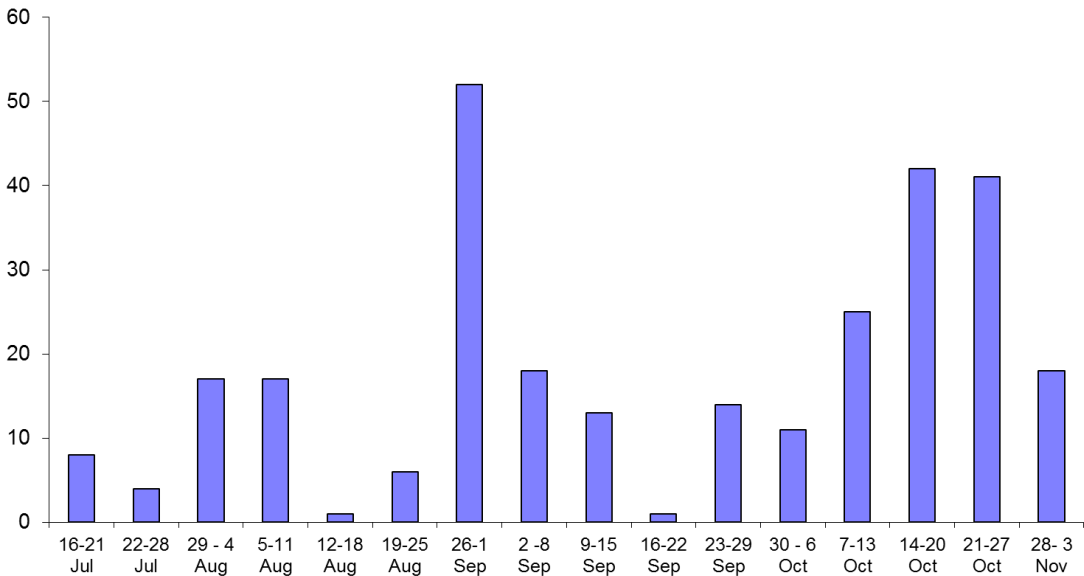


Figure 3. Counts of Pacific Golden Plover at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

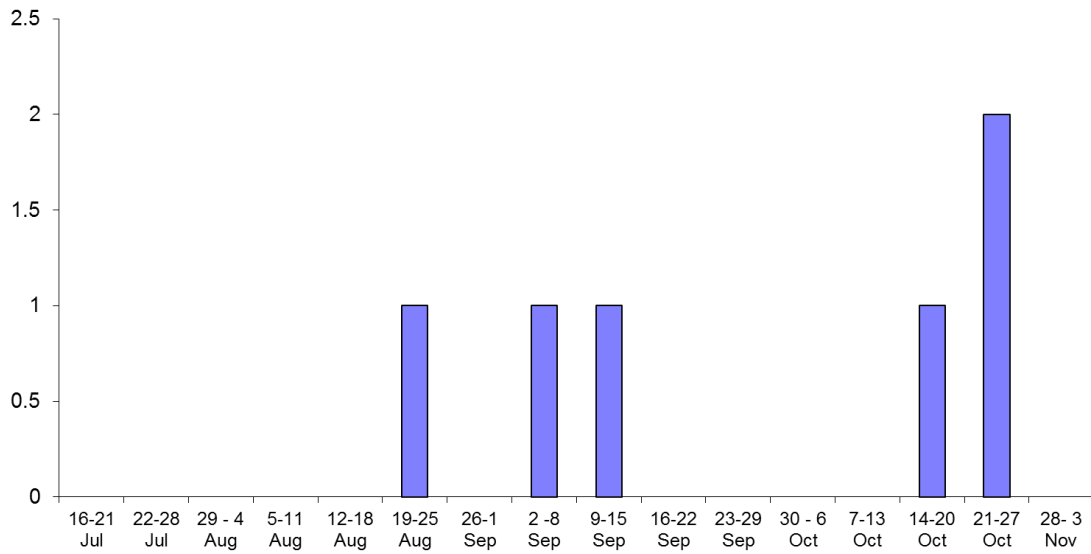


Figure 4. Counts of Kentish Plover at Mai Inner Deep Bay Ramsar Site, autumn 2015

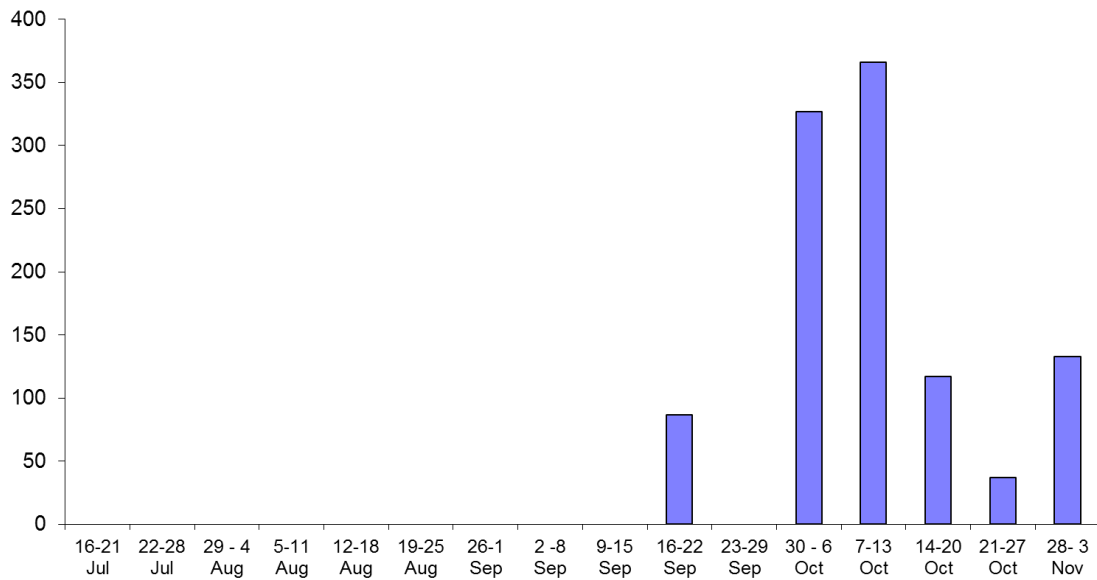


Figure 5. Counts of Grey Plover at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

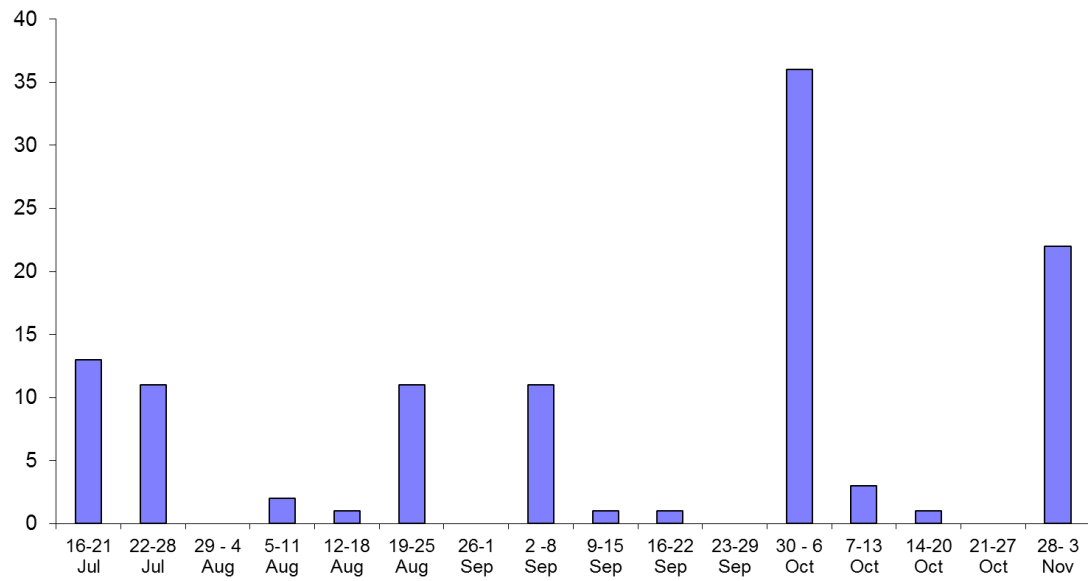


Figure 6. Counts of Lesser Sand Plover at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

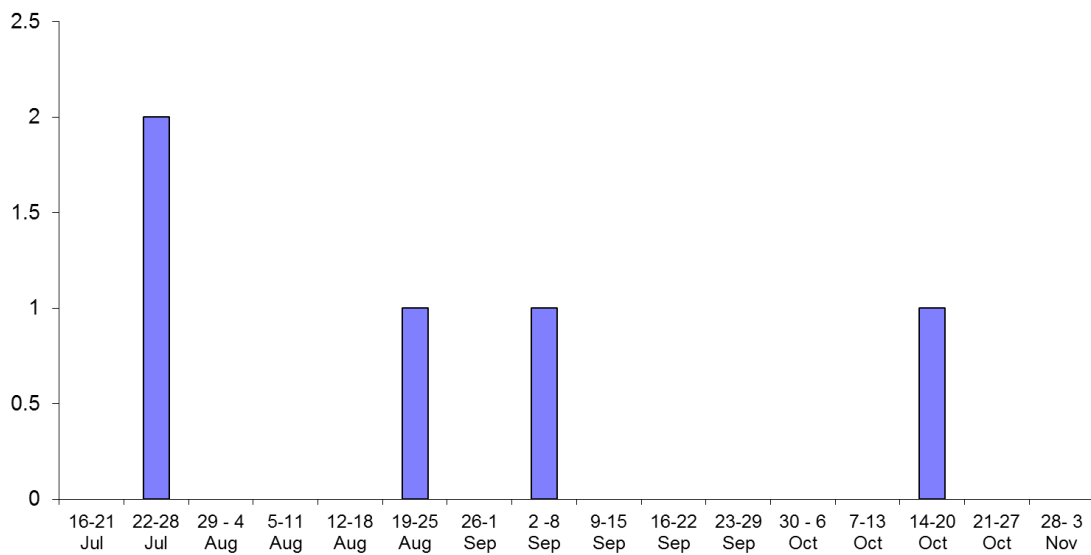


Figure 7. Counts of Greater Sand Plover at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

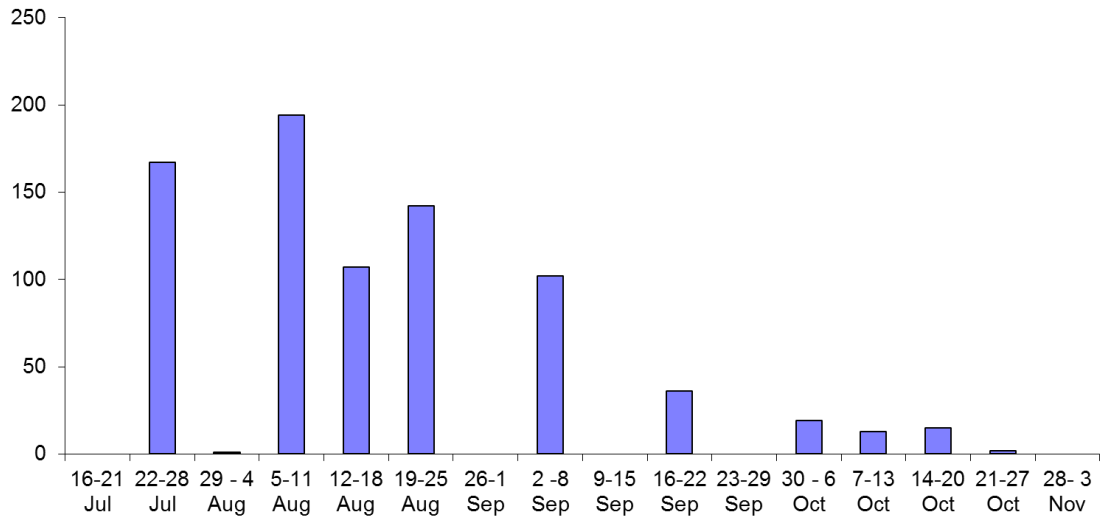


Figure 8. Counts of Black-tailed Godwit at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

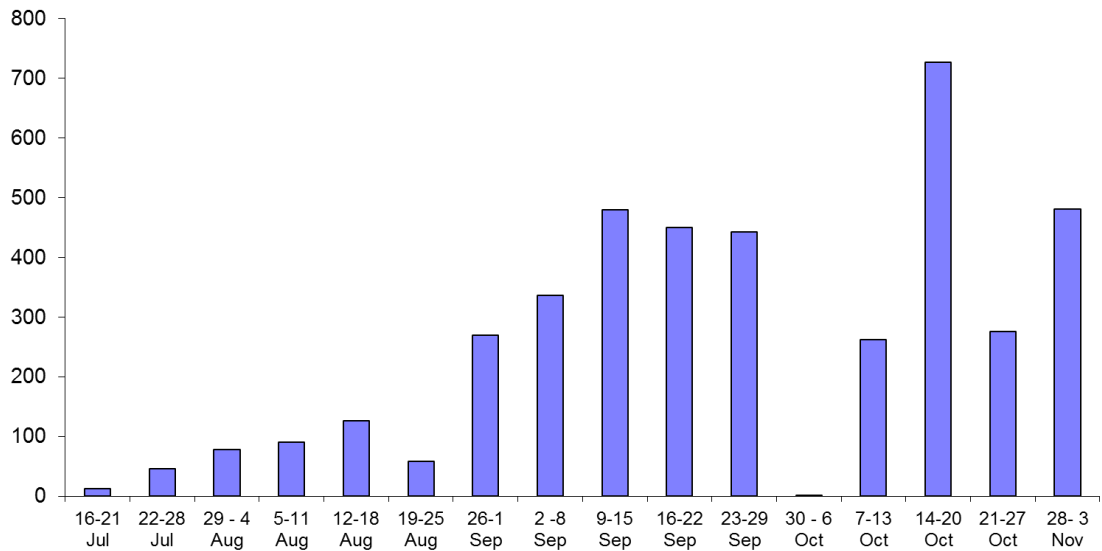


Figure 9. Counts of Bar-tailed Godwit at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

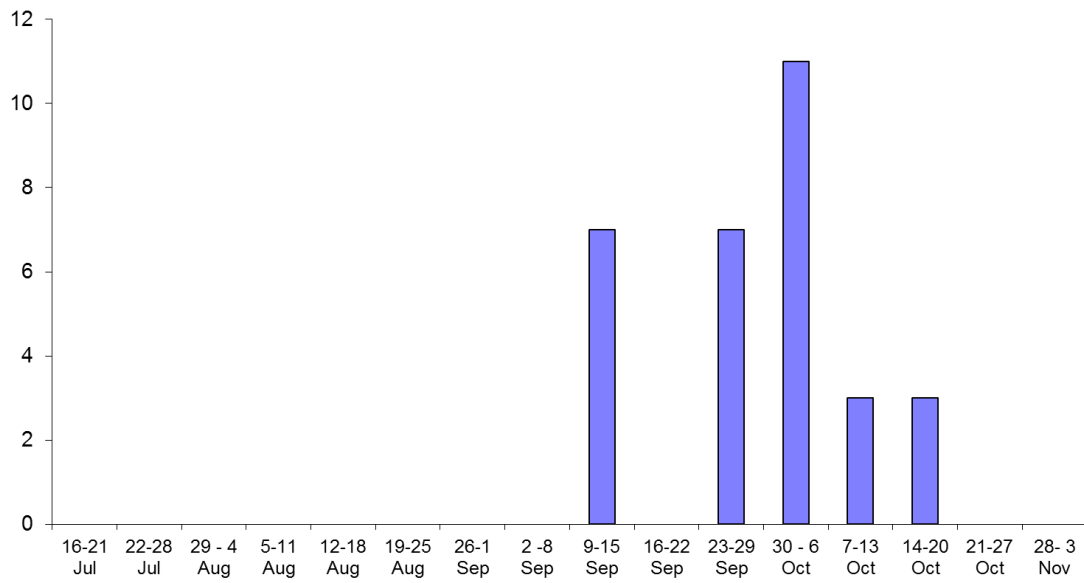


Figure 10. Counts of Whimbrel at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

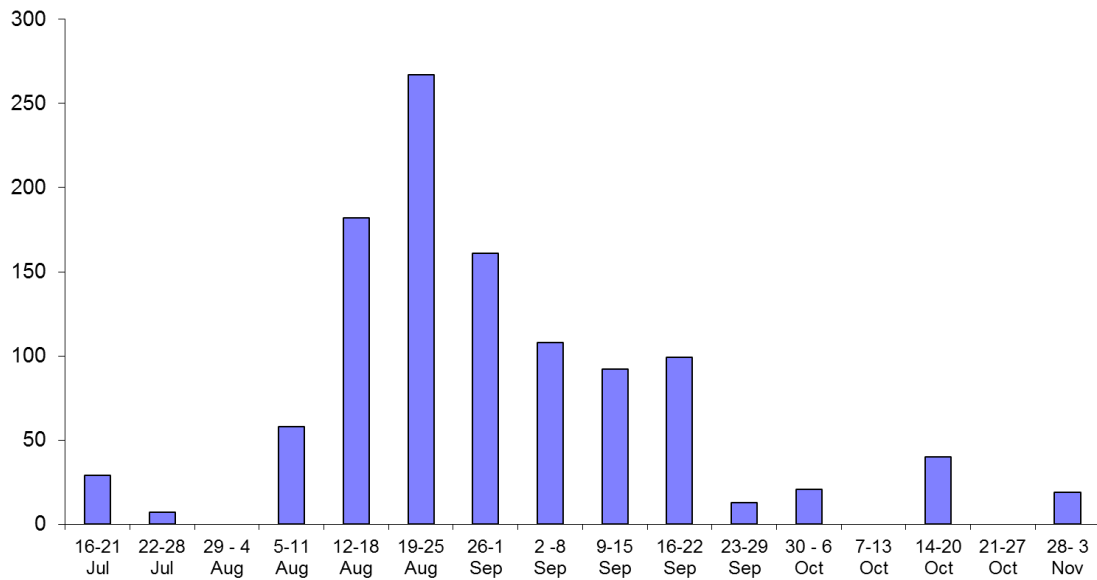


Figure 11. Counts of Eurasian Curlew at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

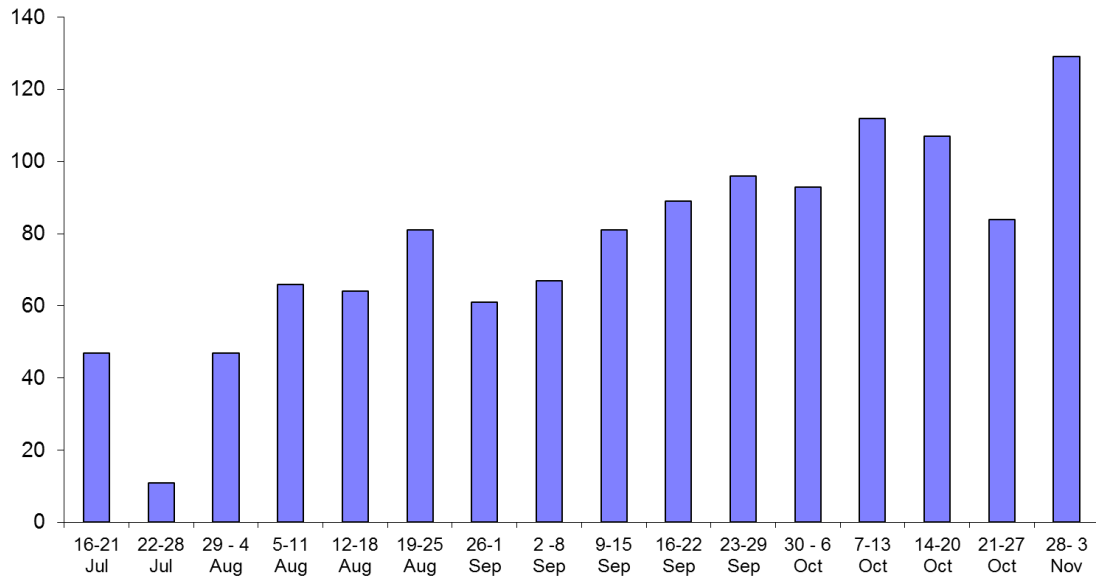


Figure 12. Counts of Spotted Redshank at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

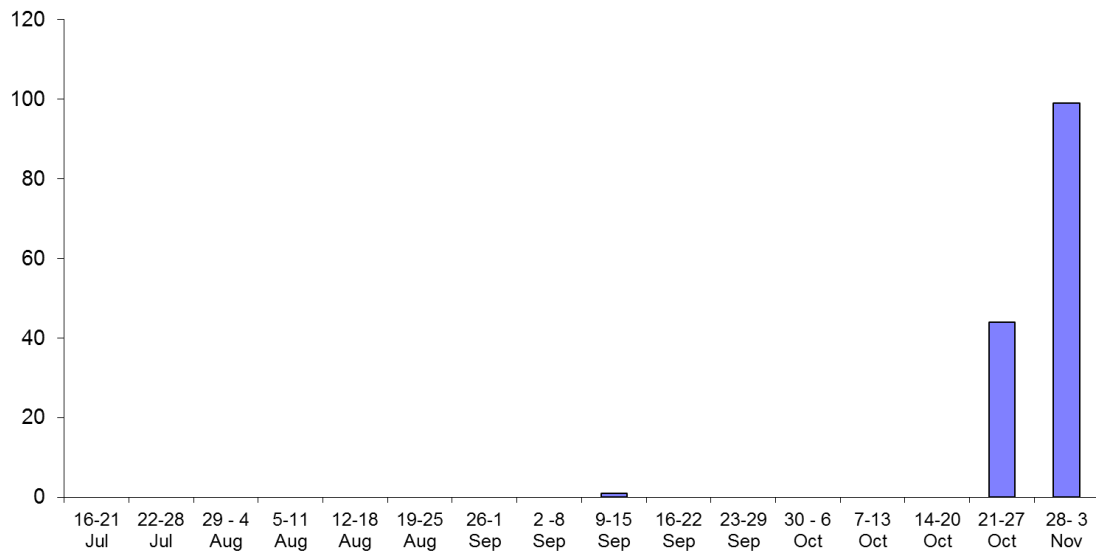


Figure 13. Counts of Common Redshank at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

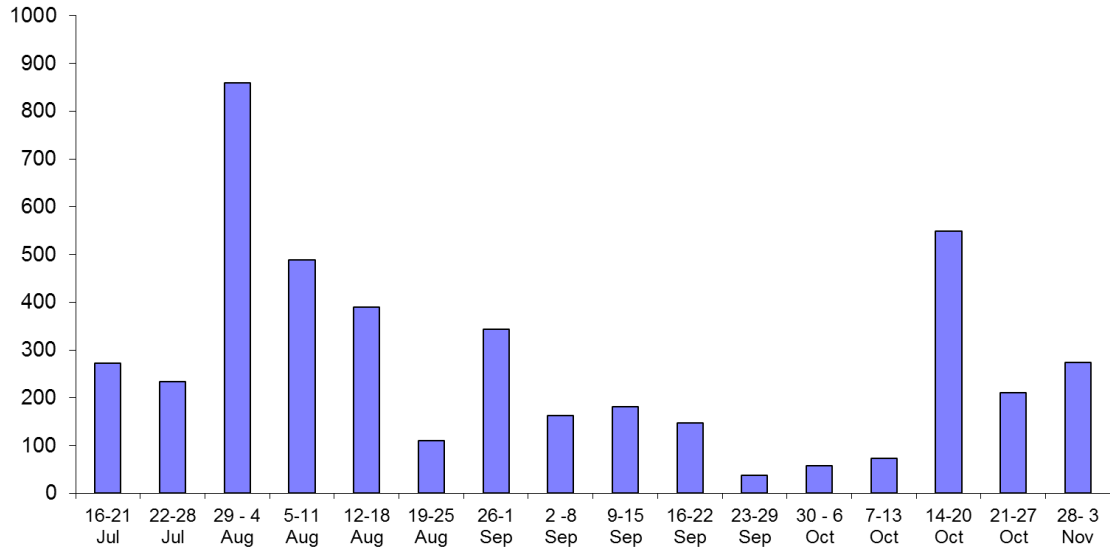


Figure 14. Counts of Marsh Sandpiper at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

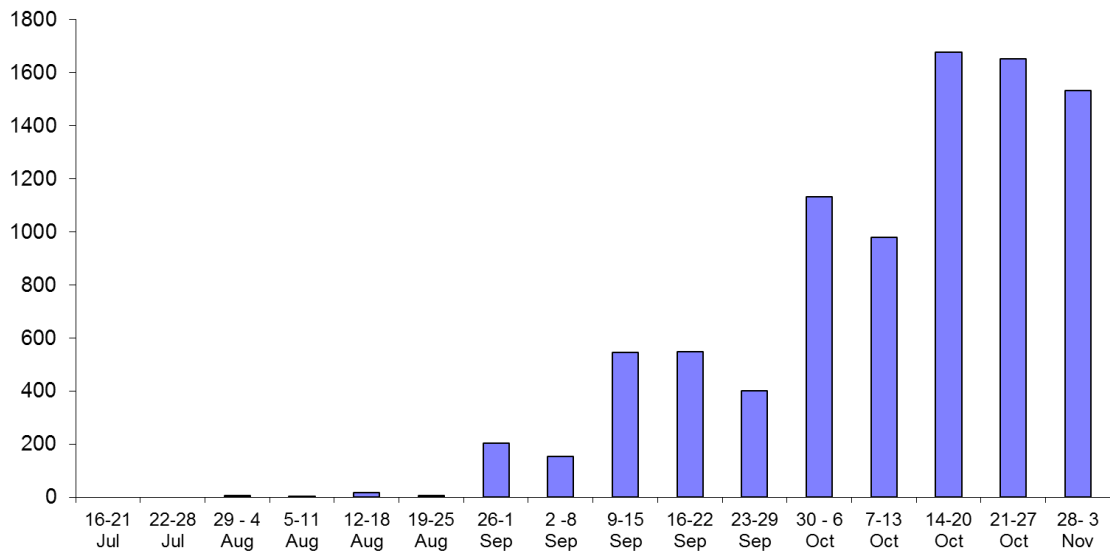


Figure 15. Counts of Common Greenshank at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

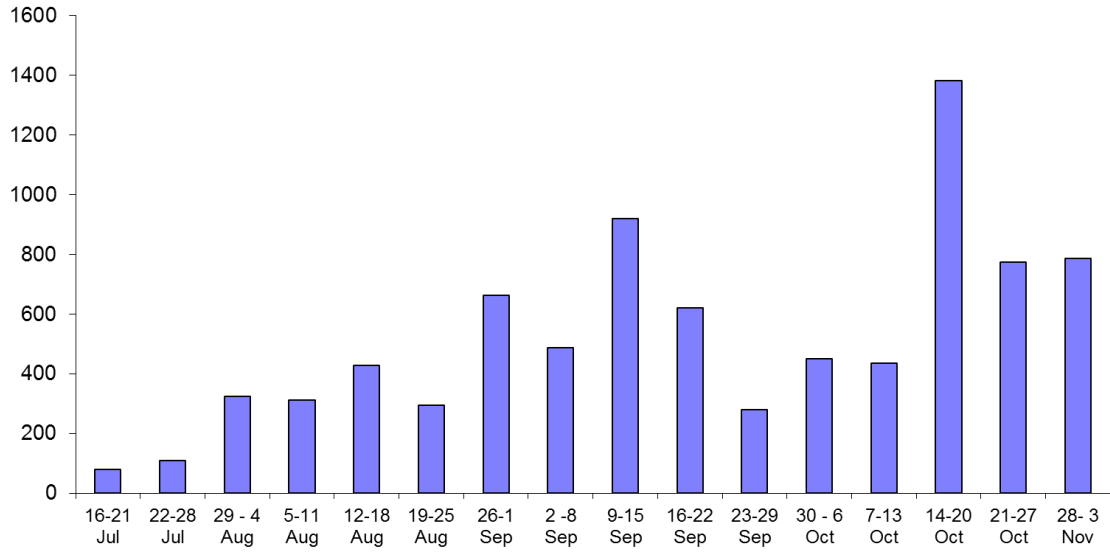


Figure 16. Counts of Wood Sandpiper at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

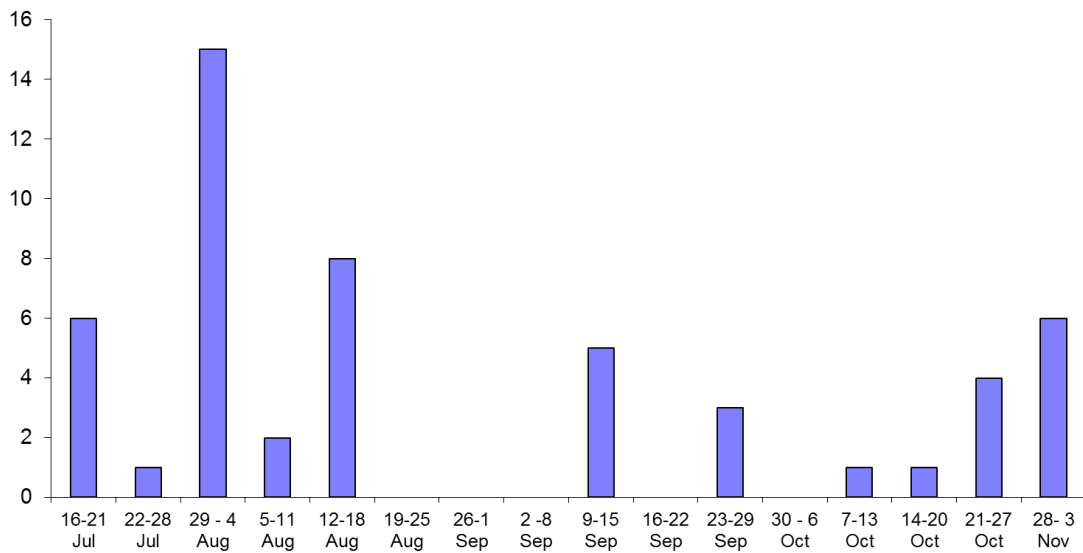


Figure 17. Counts of Great Knot at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

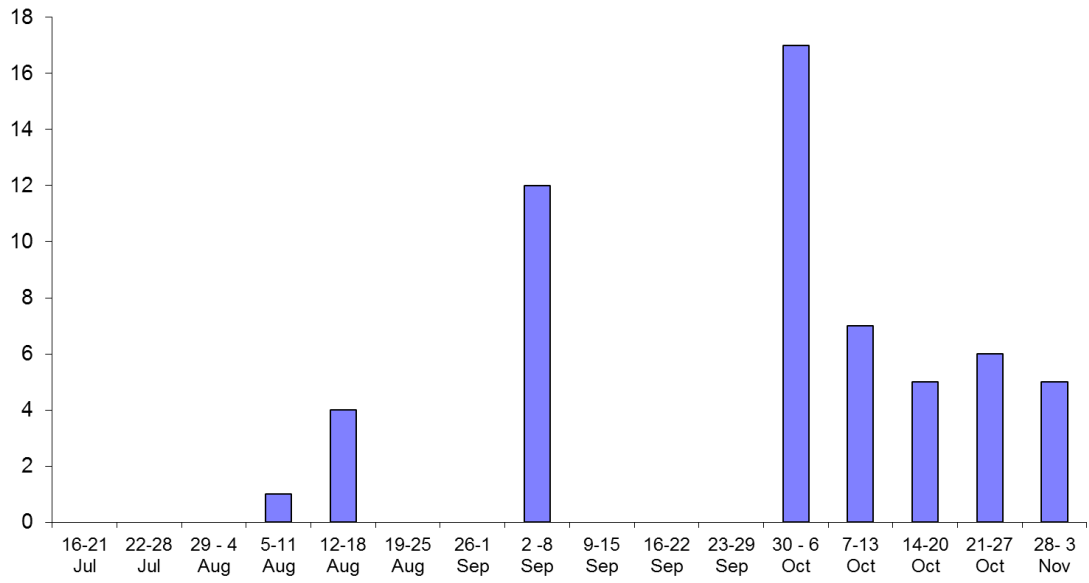


Figure 18. Counts of Red Knot at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

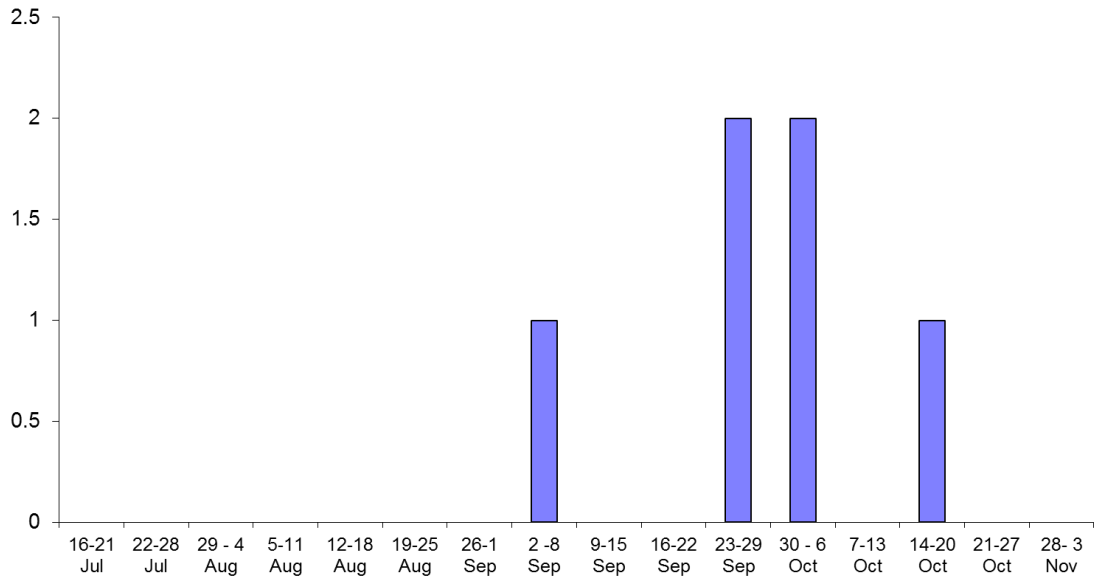


Figure 19. Counts of Broad-billed Sandpiper at Mai Po Inner Deep Bay Ramsar Site, autumn 2015

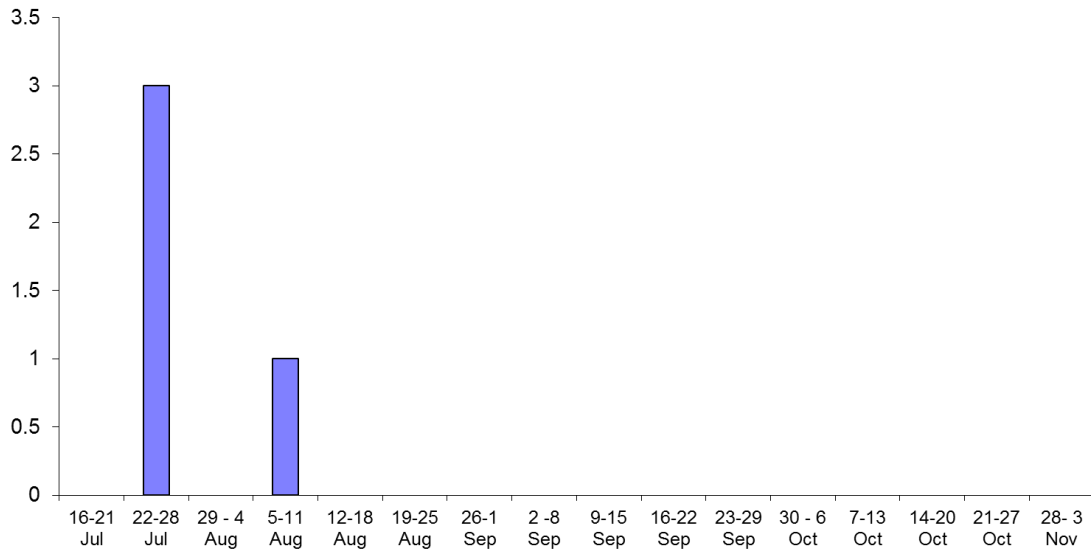


Figure 20a. Total number of shorebirds recorded at Mai Po Inner Deep Bay, spring 2016

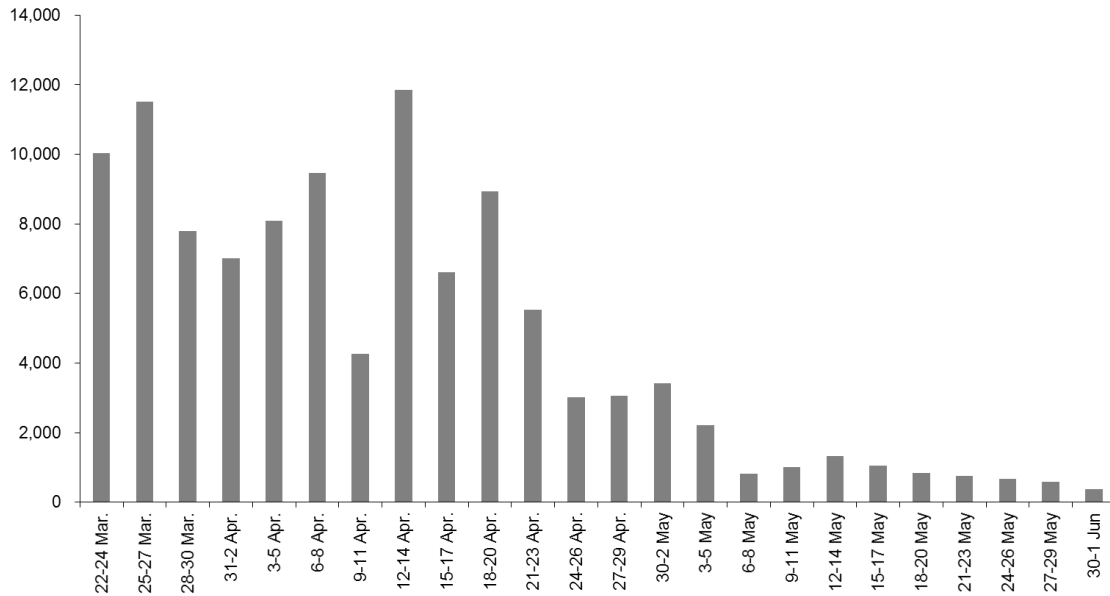


Figure 20b. Total number of shorebirds recorded at Mai Po Inner Deep Bay, spring 2016 (Pied Avocet excluded)

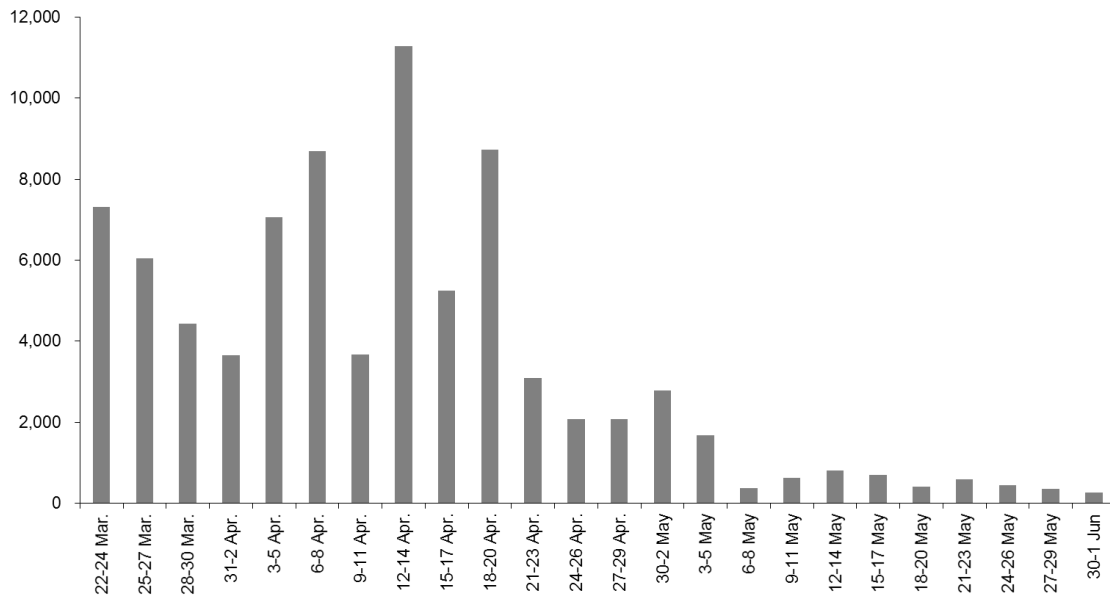


Figure 21. Counts of Pacific Golden Plovers at Mai Po Inner Deep Bay Ramsar Site, spring 2016

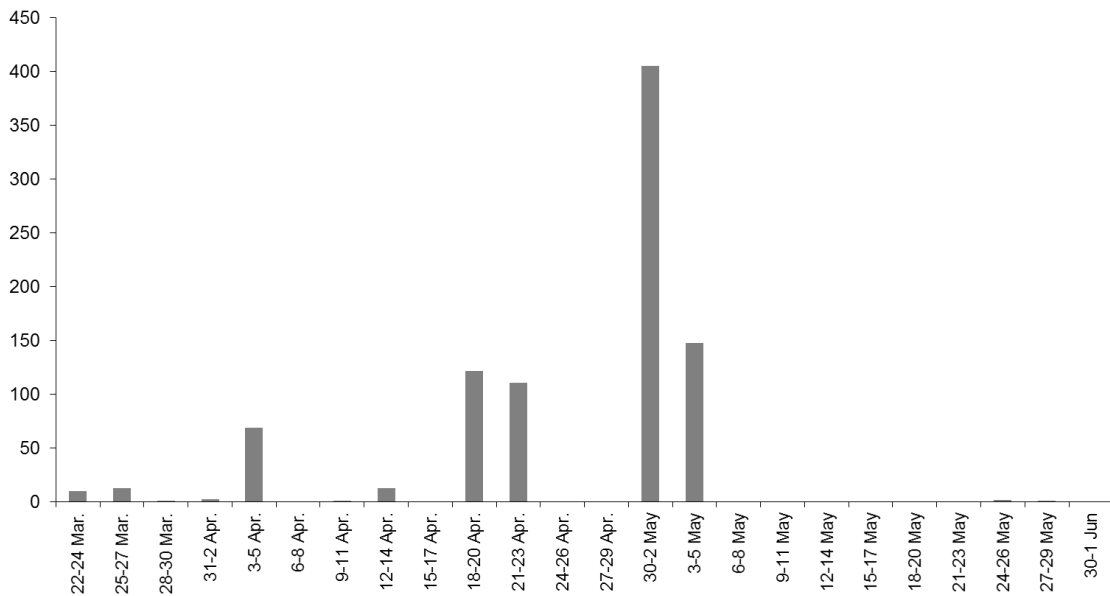


Figure 22. Counts of Lesser Sand Plovers at Mai Po Inner Deep Bay Ramsar Site, spring 2016

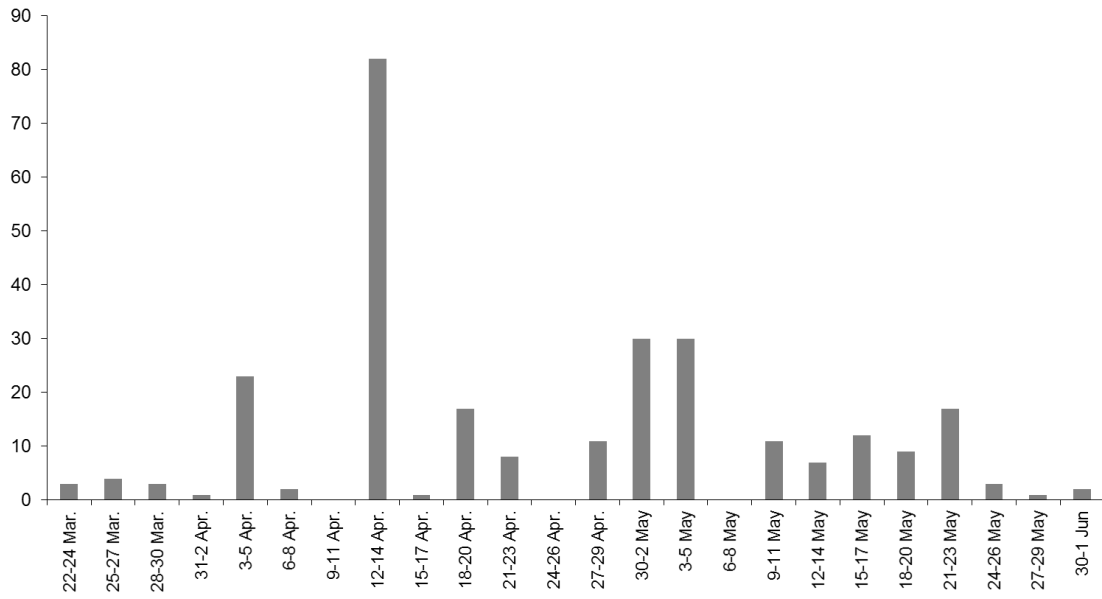


Figure 23. Counts of Greater Sand Plovers at Mai Po Inner Deep Bay Ramsar Site, spring 2016

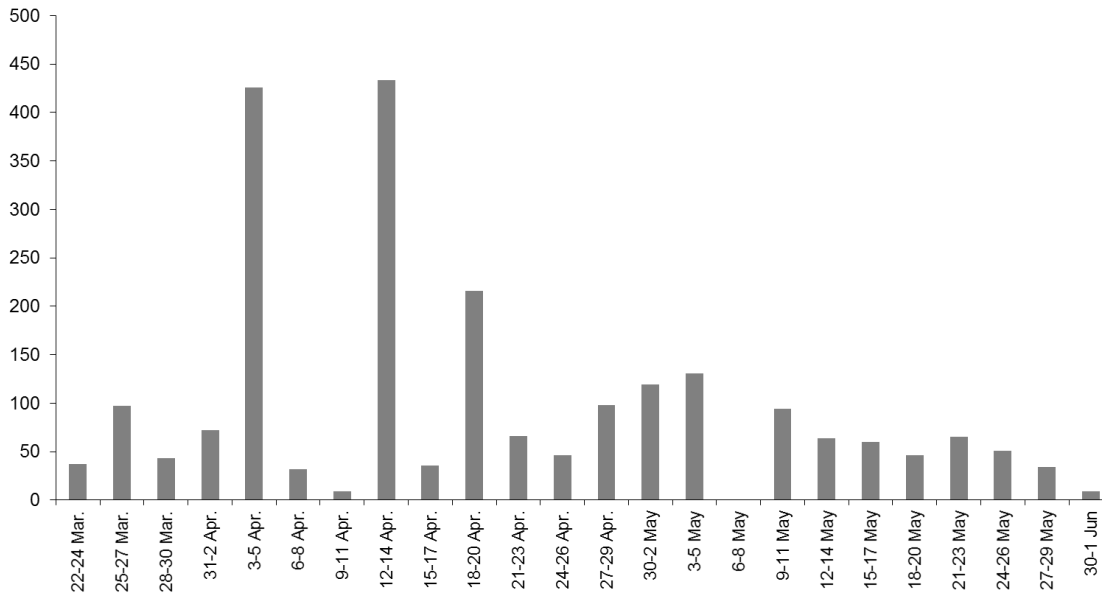


Figure 24. Counts of Black-tailed Godwits at Mai Po Inner Deep Bay Ramsar Site, spring 2016

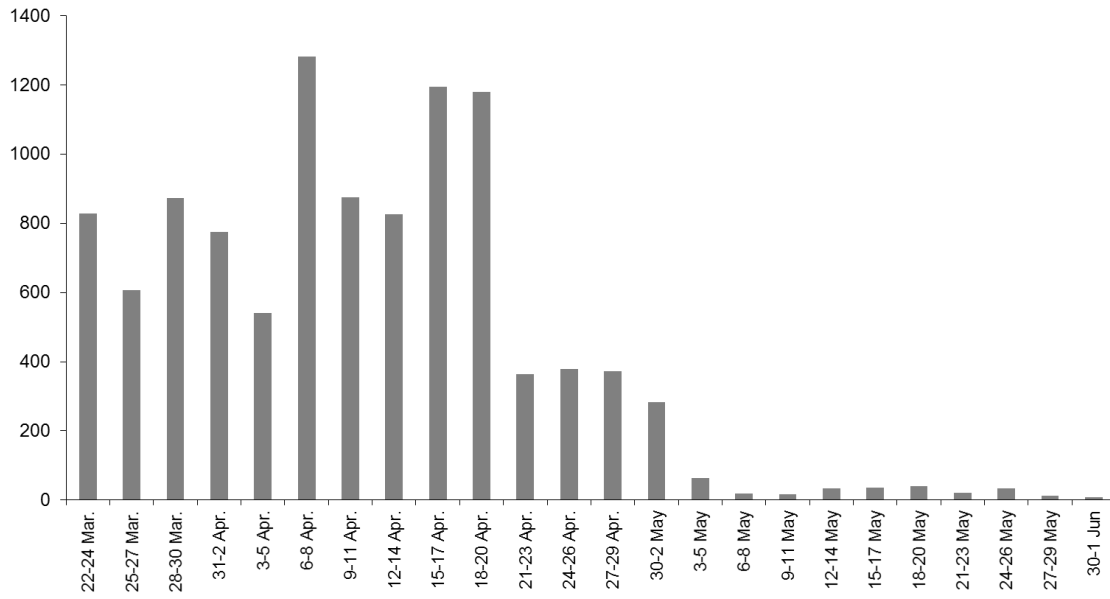


Figure 25. Counts of Spotted Redshanks at Mai Po Inner Deep Bay Ramsar Site, spring 2016

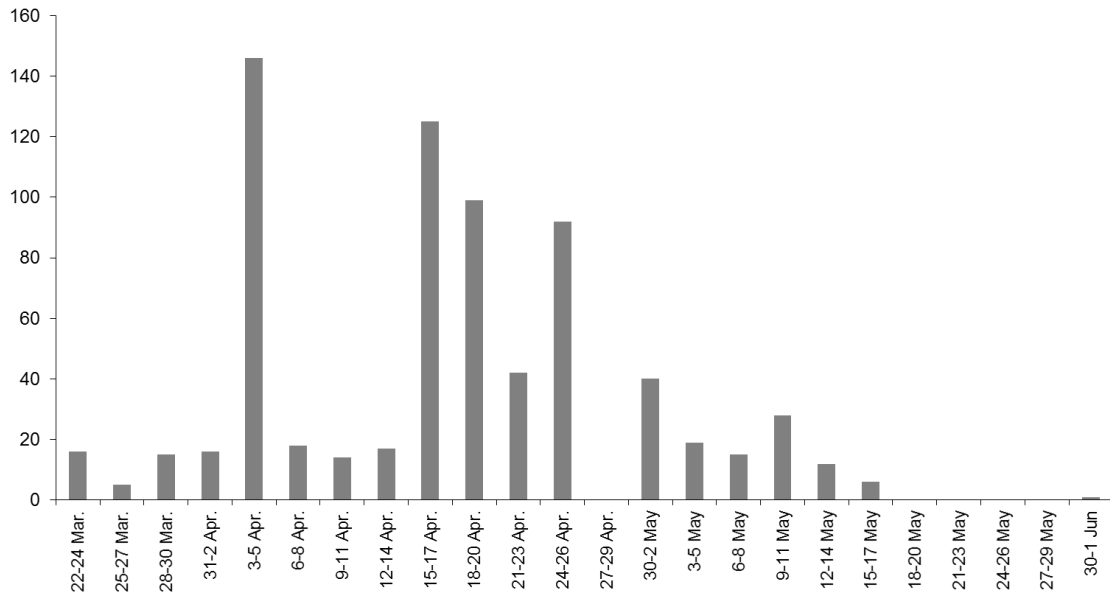


Figure 26. Counts of Common Redshanks at Mai Po Inner Deep Bay Ramsar Site, spring 2016

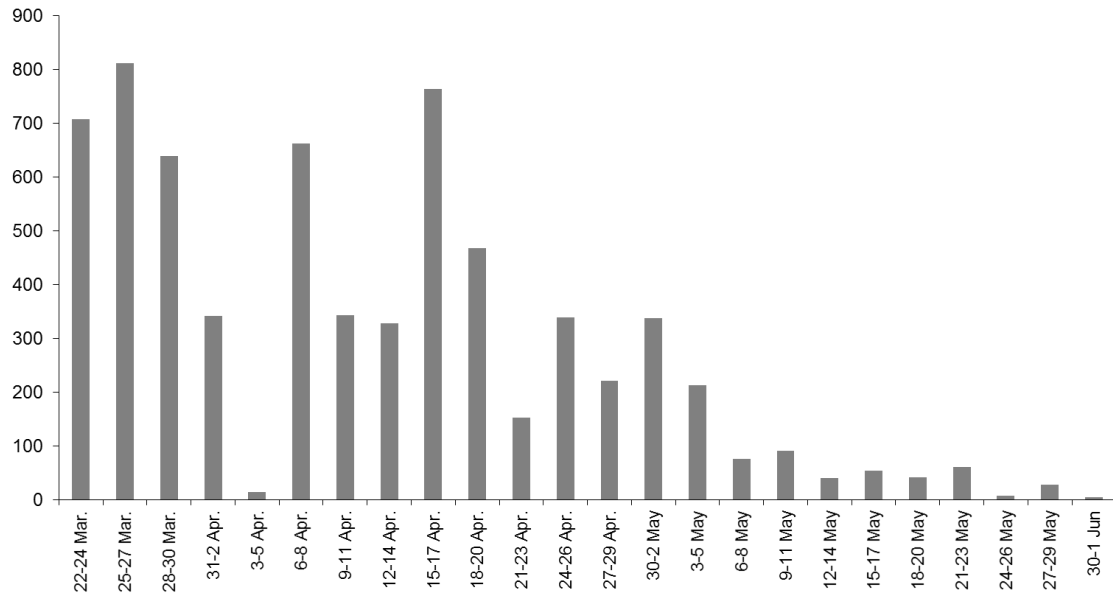


Figure 27. Counts of Marsh Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2016

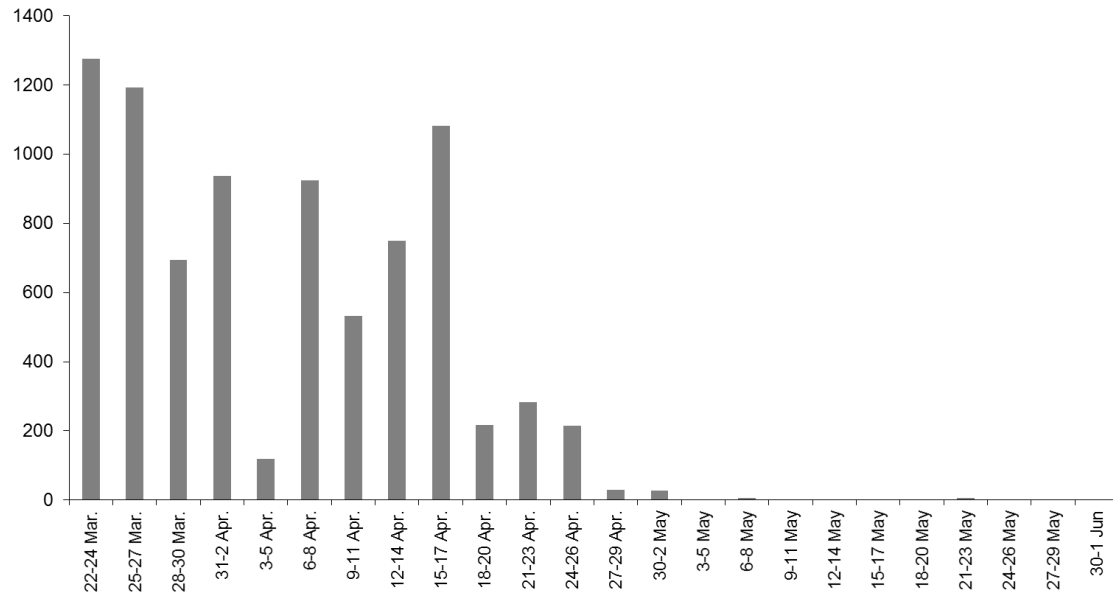


Figure 28. Counts of Common Greenshanks at Mai Po Inner Deep Bay Ramsar Site, spring 2016

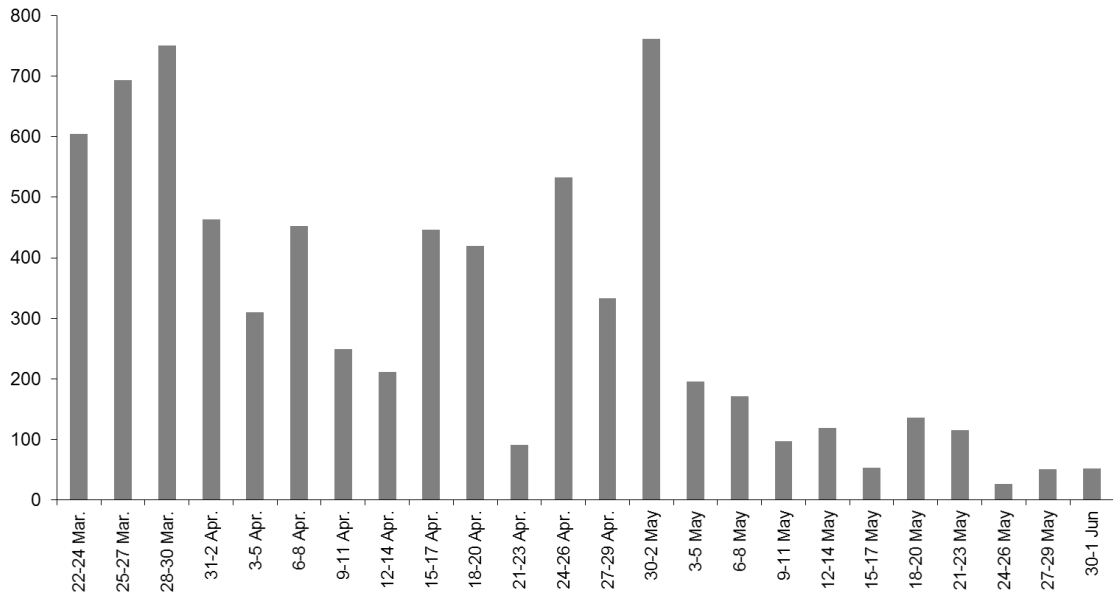


Figure 29. Counts of Terek Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2016

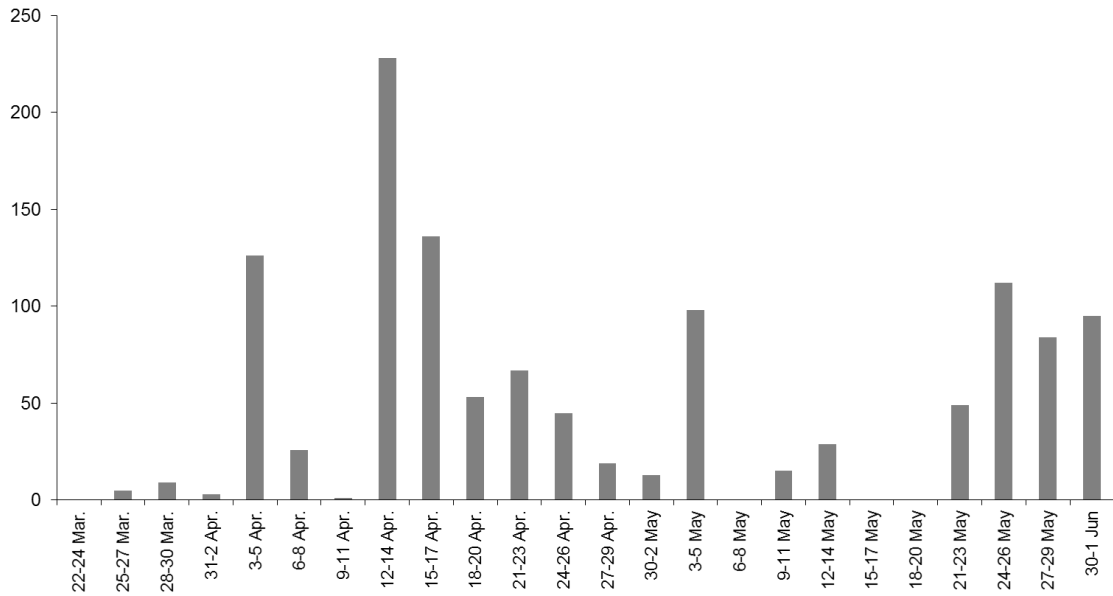


Figure 30. Counts of Grey-tailed Tattlers at Mai Po Inner Deep Bay Ramsar Site, spring 2016

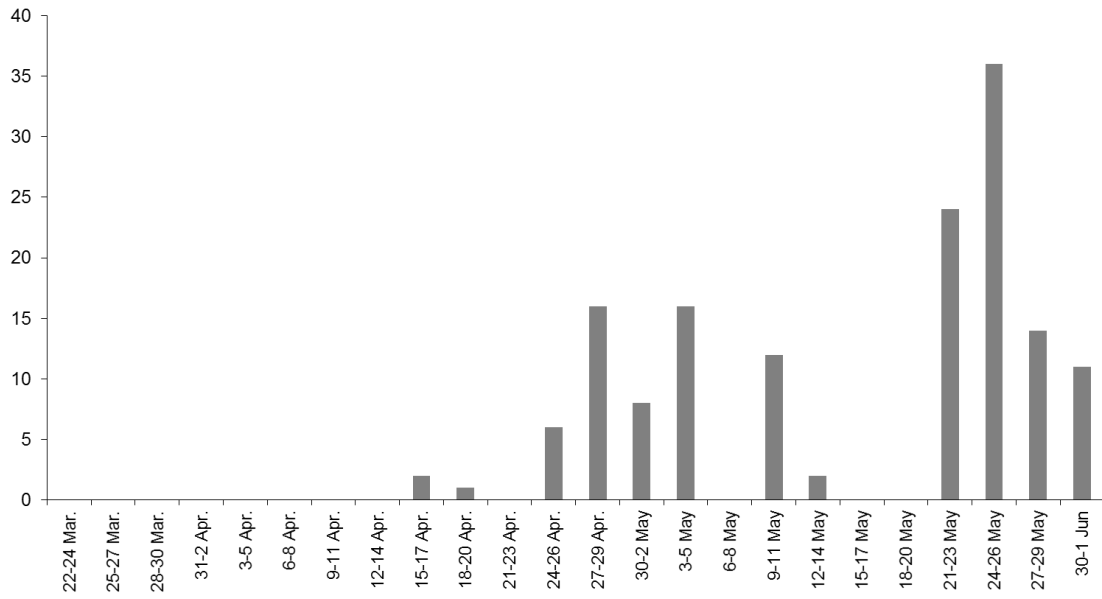


Figure 31. Counts of Ruddy Turnstones at Mai Po Inner Deep Bay Ramsar Site, spring 2016

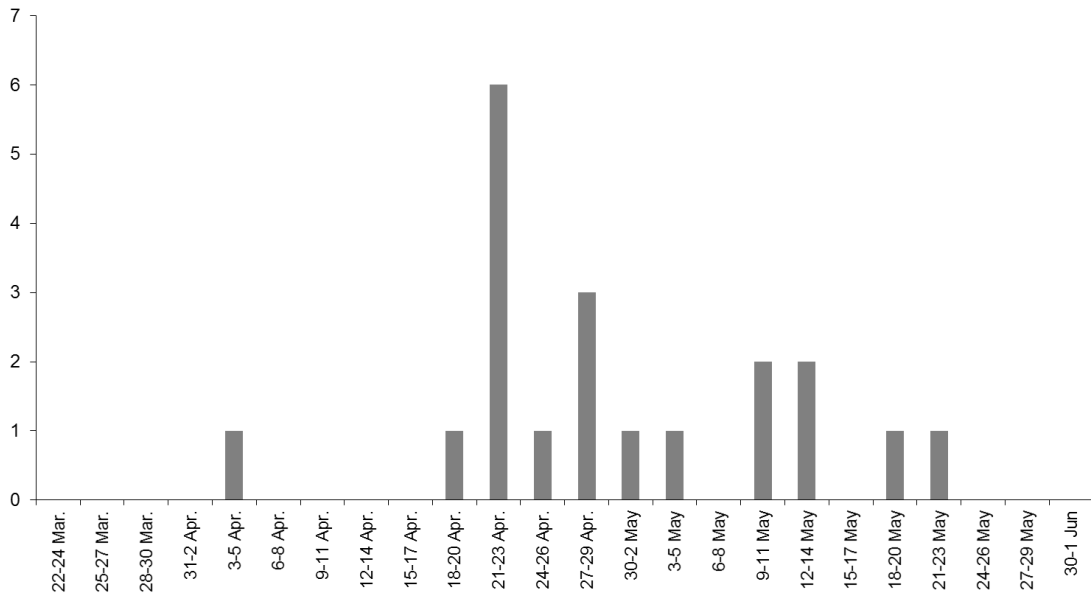


Figure 32. Counts of Asian Dowitchers at Mai Po Inner Deep Bay Ramsar Site, spring 2016

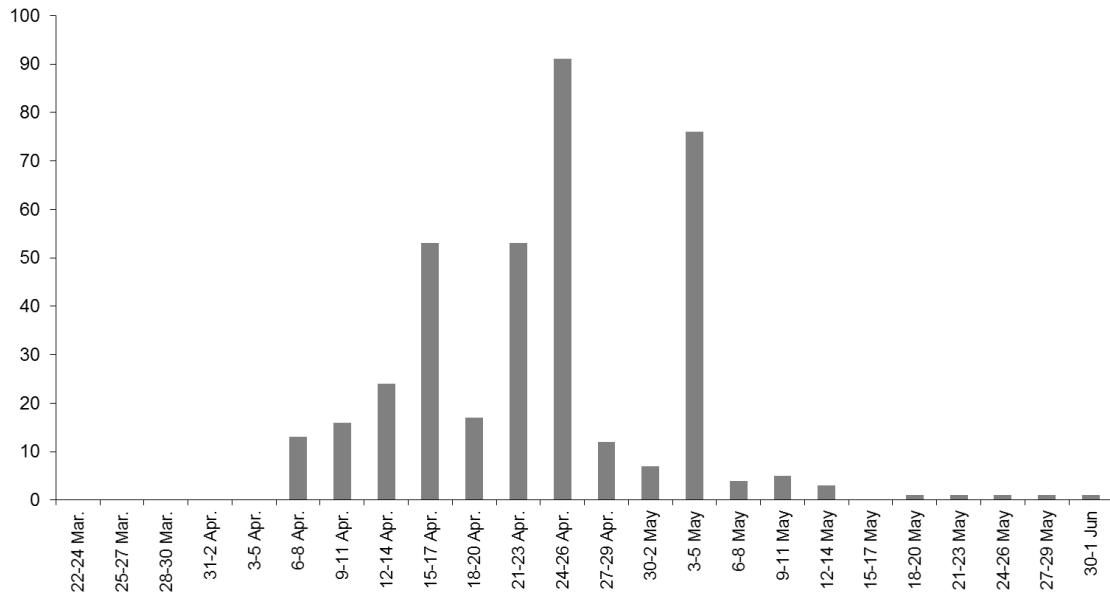


Figure 33. Counts of Red Knots at Mai Po Inner Deep Bay Ramsar Site, spring 2016

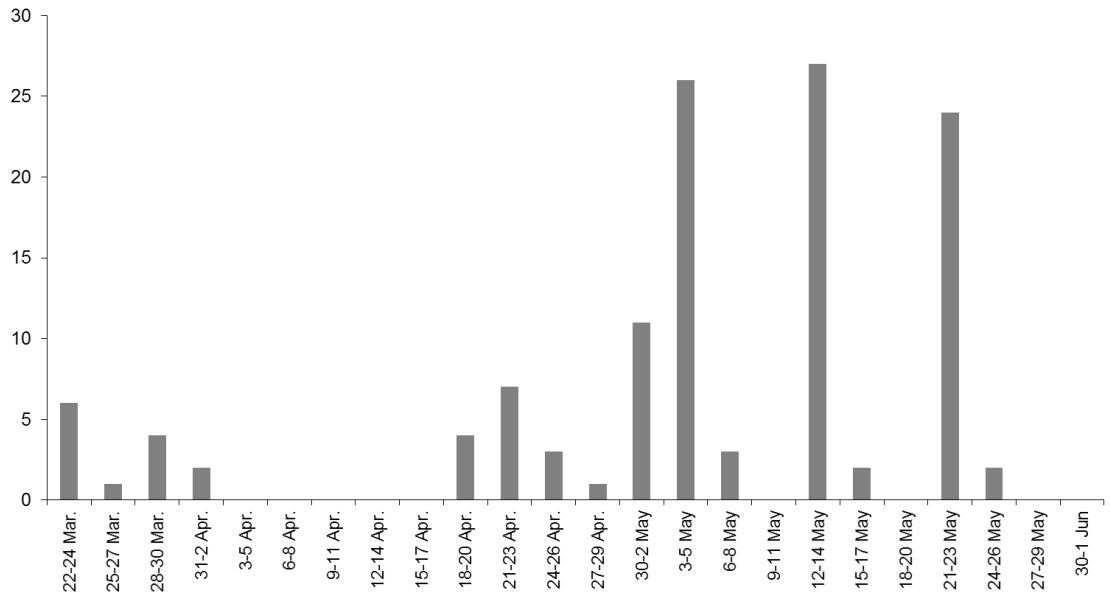


Figure 34. Counts of Great Knots at Mai Po Inner Deep Bay Ramsar Site, spring 2016

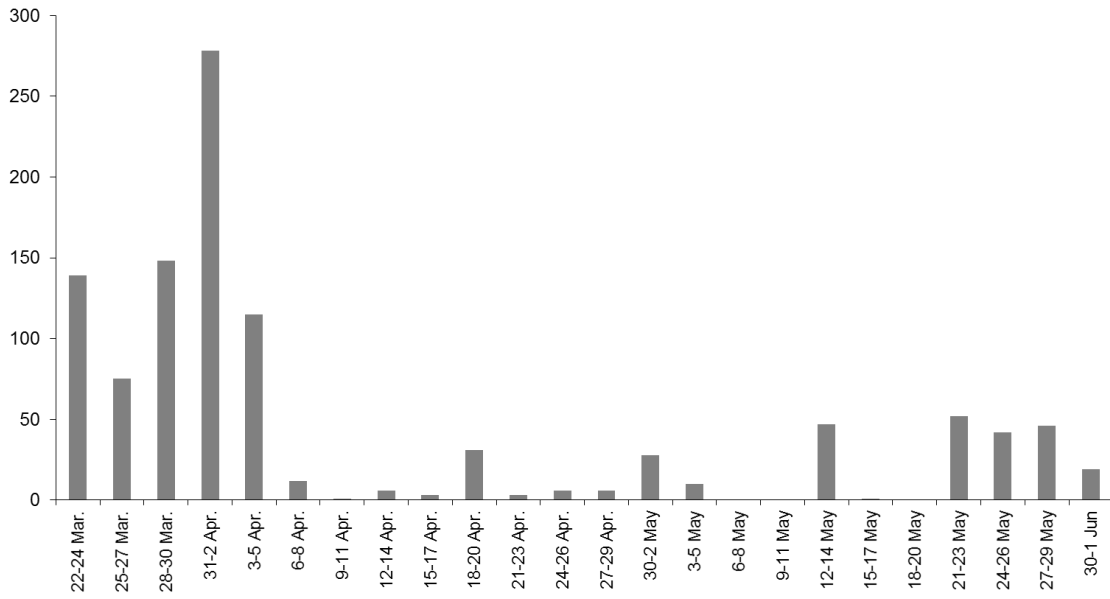


Figure 35. Counts of Red-necked Stints at Mai Po Inner Deep Bay Ramsar Site, spring 2016

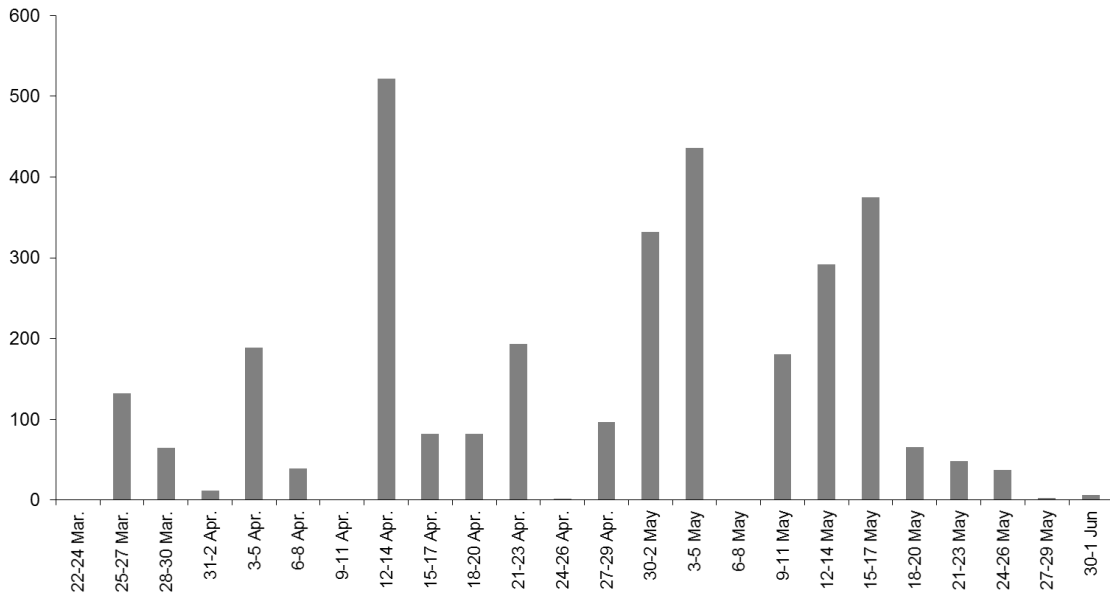


Figure 36. Counts of Sharp-tailed Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2016

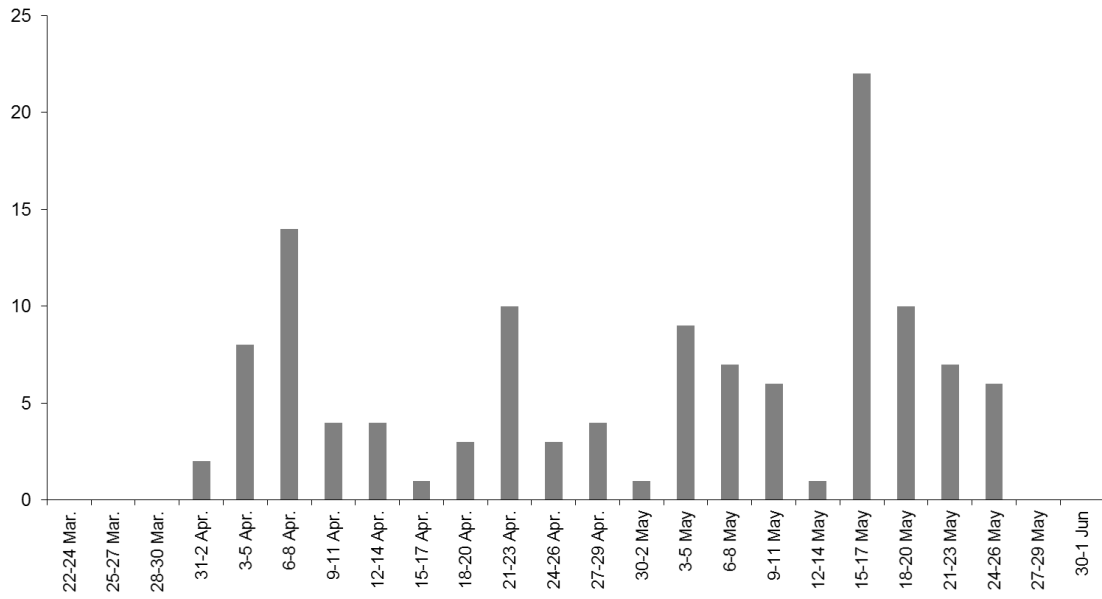


Figure 37. Counts of Curlew Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2016

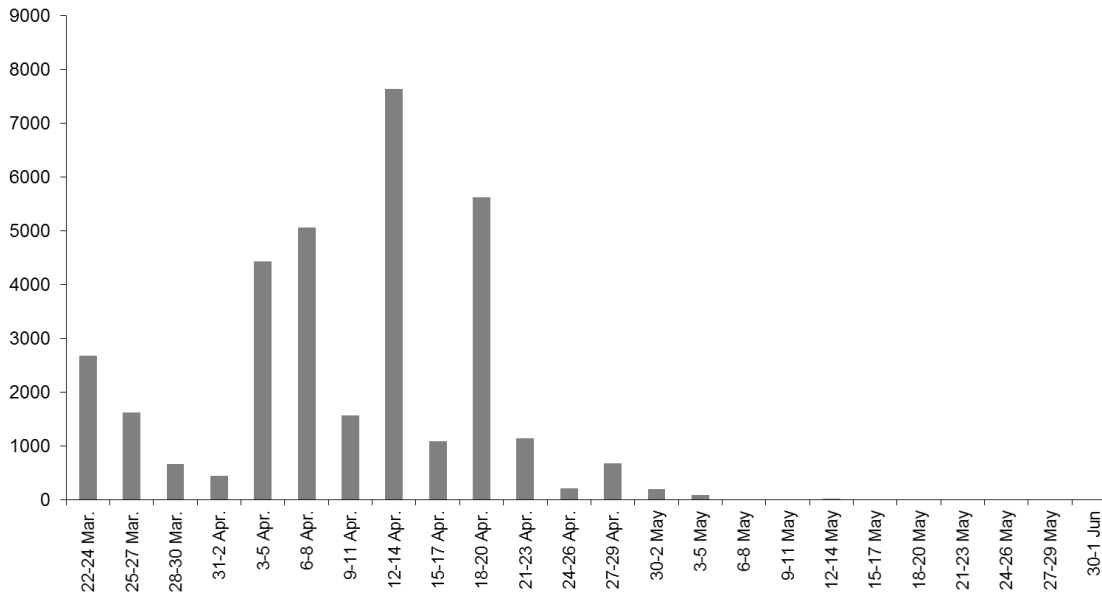
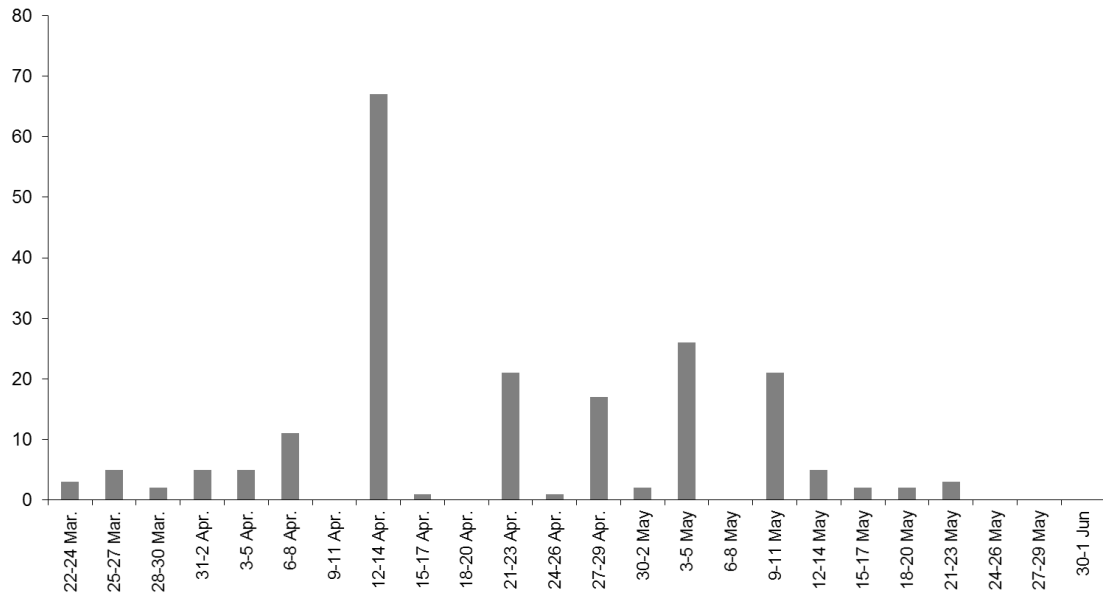


Figure 38. Counts of Broad-billed Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2016



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

Shorebird Monitoring Report

Appendix 5

Sighting records of leg-flagged shorebirds in 2015-16.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation
Department

Sighting records of leg-flagged shorebirds from autumn 2015 to spring 2016.

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|---------------------|------------------|---------------------|--------|--------------------|-------|---------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 1-Aug-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 1-Aug-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 1-Aug-15 | Shorebird count | Common Greenshank | Not noted | White | Yellow | | | Hong Kong, China |
| 1-Aug-15 | Casual observation from bird watcher | Common Greenshank | Not noted | White | Yellow | | | Hong Kong, China |
| 6-Aug-15 | Shorebird count | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 6-Aug-15 | Shorebird count | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 6-Aug-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 6-Aug-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 6-Aug-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 6-Aug-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 6-Aug-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 18-Aug-15 | Shorebird count | Grey-tailed Tattler | Not noted | Yellow | | | | N Western Australia |
| 21-Aug-15 | Shorebird count | Grey-tailed Tattler | Not noted | Yellow | | | | N Western Australia |
| 30-Aug-15 | Shorebird count | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Aug-15 | Shorebird count | Common Greenshank | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Aug-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Aug-15 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Aug-15 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Aug-15 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Aug-15 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Aug-15 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Aug-15 | Shorebird count | Whimbrel | Not noted | White | Yellow | | | Hong Kong, China |
| 31-Aug-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 31-Aug-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 31-Aug-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 3-Sep-15 | Shorebird count | Grey-tailed Tattler | Not noted | White | Yellow | | | Hong Kong, China |
| 3-Sep-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 3-Sep-15 | Shorebird count | Grey-tailed Tattler | Not noted | Yellow | | | | N Western Australia |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|---------------------|------------------|---------------------|--------|--------------------|-------|------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 10-Sep-15 | Casual observation from bird watcher | Whimbrel | Not noted | White | Yellow | | | Hong Kong, China |
| 12-Sep-15 | Shorebird count | Common Greenshank | Not noted | White | Yellow | | | Hong Kong, China |
| 12-Sep-15 | Shorebird count | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Sep-15 | Casual observation from bird watcher | Common Greenshank | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Sep-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Sep-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Sep-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Sep-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Sep-15 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 16-Sep-15 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 16-Sep-15 | Shorebird count | Grey-tailed Tattler | Not noted | White | Yellow | | | Hong Kong, China |
| 24-Sep-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Sep-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Sep-15 | Casual observation from bird watcher | Common Greenshank | Not noted | White | Yellow | | | Hong Kong, China |
| 1-Oct-15 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Shorebird count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Shorebird count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Shorebird count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Shorebird count | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Shorebird count | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Oct-15 | Casual observation from bird watcher | Terek Sandpiper | Not noted | White | | | | Unknown |
| 2-Oct-15 | Casual observation from bird watcher | Terek Sandpiper | Not noted | White | | | | Unknown |
| 15-Oct-15 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 17-Oct-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 17-Oct-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|-----------------------|------------------|---------------------|--------|--------------------|-------|---------------------------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 17-Oct-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 17-Oct-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Oct-15 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Oct-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Oct-15 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Oct-15 | Shorebird count | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Oct-15 | Shorebird count | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Oct-15 | Shorebird count | Marsh Sandpiper | Not noted | White | Blue | | | Taiwan |
| 7-Nov-15 | Casual observation from bird watcher | Common Greenshank | Not noted | White | Yellow | | | Hong Kong, China |
| 7-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 7-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 7-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Nov-15 | Casual observation from bird watcher | Pacific Golden Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Nov-15 | Casual observation from bird watcher | Common Greenshank | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Nov-15 | Casual observation from bird watcher | Great Knot | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Nov-15 | Casual observation from bird watcher | Dunlin | Not noted | | | Blue | Blue | Lake Komuke, Northern Hokkaido, Japan |
| 15-Nov-15 | Casual observation from bird watcher | Pied Avocet | Not noted | White | Yellow | | | Hong Kong, China |
| 15-Nov-15 | Casual observation from bird watcher | Pied Avocet | Not noted | White | Yellow | | | Hong Kong, China |
| 15-Nov-15 | Casual observation from bird watcher | Pied Avocet | Not noted | Blue | Yellow | | | Bohai Bay, China |
| 24-Nov-15 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 24-Nov-15 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 24-Nov-15 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 24-Nov-15 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 24-Nov-15 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 24-Nov-15 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|---------------------|------------------|---------------------|--------|--------------------|-------|------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 26-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Nov-15 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 27-Nov-15 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 27-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 27-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 27-Nov-15 | Casual observation from bird watcher | Eurasian Curlew | Not noted | White | Yellow | | | Hong Kong, China |
| 28-Nov-15 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 28-Nov-15 | Casual observation from bird watcher | Eurasian Curlew | Not noted | White | Yellow | | | Hong Kong, China |
| 28-Nov-15 | Casual observation from bird watcher | Eurasian Curlew | Not noted | White | Yellow | | | Hong Kong, China |
| 28-Nov-15 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 29-Nov-15 | Casual observation from bird watcher | Great Knot | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Dec-15 | Casual observation from bird watcher | Pied Avocet | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Dec-15 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 20-Dec-15 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 1-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 1-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 9-Jan-16 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 9-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|-----------------------|------------------|---------------------|--------|--------------------|-------|------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 14-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Bar-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 14-Jan-16 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | | | White | Blue | Taiwan |
| 15-Jan-16 | Casual observation from bird watcher | Bar-tailed Godwit | 0 | White | Yellow | | | Hong Kong, China |
| 15-Jan-16 | Casual observation from bird watcher | Eurasian Curlew | Not noted | White | Yellow | | | Hong Kong, China |
| 15-Jan-16 | Casual observation from bird watcher | Grey Plover | 0 | White | Yellow | | | Hong Kong, China |
| 15-Jan-16 | Casual observation from bird watcher | Black-tailed Godwit | 0 | White | Yellow | | | Hong Kong, China |
| 15-Jan-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 16-Jan-16 | Casual observation from bird watcher | Pacific Golden Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 17-Jan-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 29-Jan-16 | Casual observation from bird watcher | Pacific Golden Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 7-Feb-16 | Casual observation from bird watcher | Spotted Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 7-Feb-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 7-Feb-16 | Casual observation from bird watcher | Pacific Golden Plover | 0 | White | Yellow | | | Hong Kong, China |
| 7-Feb-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 21-Feb-16 | Casual observation from bird watcher | Marsh Sandpiper | 0 | White | Yellow | | | Hong Kong, China |
| 21-Feb-16 | Casual observation from bird watcher | Dunlin | 0 | White | Yellow | | | Hong Kong, China |
| 25-Feb-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 25-Feb-16 | Casual observation from bird watcher | Eurasian Curlew | 0 | White | Yellow | | | Hong Kong, China |
| 25-Feb-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 25-Feb-16 | Casual observation from bird watcher | Common Greenshank | 0 | White | Yellow | | | Hong Kong, China |
| 26-Feb-16 | Casual observation from bird watcher | Pacific Golden Plover | 0 | White | Yellow | | | Hong Kong, China |
| 26-Feb-16 | Casual observation from bird watcher | Pacific Golden Plover | 0 | White | Yellow | | | Hong Kong, China |
| 9-Mar-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 9-Mar-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 9-Mar-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 11-Mar-16 | Casual observation from bird watcher | Common Greenshank | 25 | White | Yellow | | | Hong Kong, China |
| 11-Mar-16 | Casual observation from bird watcher | Great Knot | Not noted | White | Yellow | | | Hong Kong, China |
| 11-Mar-16 | Casual observation from bird watcher | Eurasian Curlew | Not noted | White | Yellow | | | Hong Kong, China |
| 11-Mar-16 | Casual observation from bird watcher | Eurasian Curlew | Not noted | White | Yellow | | | Hong Kong, China |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|-----------------------|------------------|---------------------|--------|--------------------|-------|---------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 11-Mar-16 | Casual observation from bird watcher | Marsh Sandpiper | 100 | White | Yellow | | | Hong Kong, China |
| 11-Mar-16 | Casual observation from bird watcher | Marsh Sandpiper | 100 | White | Yellow | | | Hong Kong, China |
| 13-Mar-16 | Monthly Waterbird Count | Pacific Golden Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Mar-16 | Shorebird Count | Eurasian Curlew | Not noted | White | Yellow | | | Hong Kong, China |
| 24-Mar-16 | Casual observation from bird watcher | Black-tailed Godwit | 0 | White | Yellow | | | Hong Kong, China |
| 24-Mar-16 | Casual observation from bird watcher | Curlew Sandpiper | 25 | White | Yellow | | | Hong Kong, China |
| 25-Mar-16 | Casual observation from bird watcher | Common Redshank | 0 | White | Yellow | | | Hong Kong, China |
| 25-Mar-16 | Casual observation from bird watcher | Greater Sand Plover | 0 | Yellow | | | | N Western Australia |
| 26-Mar-16 | Shorebird Count | Eurasian Curlew | 0 | White | Yellow | | | Hong Kong, China |
| 26-Mar-16 | Shorebird Count | Black-tailed Godwit | 0 | White | Yellow | | | Hong Kong, China |
| 26-Mar-16 | Shorebird Count | Grey Plover | 0 | White | Yellow | | | Hong Kong, China |
| 26-Mar-16 | Shorebird Count | Black-tailed Godwit | 0 | White | Yellow | | | Hong Kong, China |
| 28-Mar-16 | Shorebird Count | Pied Avocet | Not noted | White | Yellow | | | Hong Kong, China |
| 28-Mar-16 | Shorebird Count | Eurasian Curlew | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Apr-16 | Casual observation from bird watcher | Greater Sand Plover | 0 | White | Yellow | | | Hong Kong, China |
| 2-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 2-Apr-16 | Casual observation from bird watcher | Common Greenshank | Not noted | White | Yellow | | | Hong Kong, China |
| 3-Apr-16 | Casual observation from bird watcher | Terek Sandpiper | Not noted | Yellow | | | | N Western Australia |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|---------------------|------------------|---------------------|--------|--------------------|-------|-------------------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 4-Apr-16 | Shorebird Count | Pied Avocet | Not record | White | Yellow | | | Hong Kong, China |
| 5-Apr-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 5-Apr-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 5-Apr-16 | Casual observation from bird watcher | Terek Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 5-Apr-16 | Casual observation from bird watcher | Pied Avocet | Not noted | White | Yellow | | | Hong Kong, China |
| 6-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | Orange | | | | Victoria, Australia |
| 6-Apr-16 | Casual observation from bird watcher | Greater Sand Plover | Not noted | Yellow | | | | N Western Australia |
| 6-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 7-Apr-16 | Shorebird Count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 7-Apr-16 | Shorebird Count | Curlew Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 7-Apr-16 | Shorebird Count | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 7-Apr-16 | Shorebird Count | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 8-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 100 | Yellow | | | | N Western Australia |
| 9-Apr-16 | Casual observation from bird watcher | Terek Sandpiper | Not noted | Black | White | | | Chongming Island, China (New) |
| 9-Apr-16 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 9-Apr-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 9-Apr-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 10-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 100 | Orange | | | | Victoria, Australia |
| 10-Apr-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 10-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 11-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 100 | Yellow | | | | N Western Australia |
| 12-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | Orange | | | | Victoria, Australia |
| 12-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 100 | Orange | | | | Victoria, Australia |
| 12-Apr-16 | Casual observation from bird watcher | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 12-Apr-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 12-Apr-16 | Casual observation from bird watcher | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 12-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 12-Apr-16 | Casual observation from bird watcher | Greater Sand Plover | Not noted | Yellow | | | | N Western Australia |
| 13-Apr-16 | Shorebird Count | Curlew Sandpiper | Not noted | Orange | | | | Victoria, Australia |
| 13-Apr-16 | Shorebird Count | Curlew Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 13-Apr-16 | Shorebird Count | Curlew Sandpiper | 100 | Yellow | | | | N Western Australia |
| 13-Apr-16 | Shorebird Count | Greater Sand Plover | Not noted | Yellow | | | | N Western Australia |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|-----------------------|------------------|---------------------|--------|--------------------|-------|-------------------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 13-Apr-16 | Shorebird Count | Greater Sand Plover | Not noted | Yellow | | | | N Western Australia |
| 13-Apr-16 | Shorebird Count | Terek Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 15-Apr-16 | Casual observation from bird watcher | Terek Sandpiper | Not noted | Black | White | | | Chongming Island, China (New) |
| 15-Apr-16 | Casual observation from bird watcher | Greater Sand Plover | 100 | White | Yellow | | | Hong Kong, China |
| 15-Apr-16 | Casual observation from bird watcher | Pacific Golden Plover | 75 | White | Yellow | | | Hong Kong, China |
| 15-Apr-16 | Shorebird Count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 16-Apr-16 | Casual observation from bird watcher | Terek Sandpiper | 100 | Black | White | | | Chongming Island, China (New) |
| 16-Apr-16 | Casual observation from bird watcher | Terek Sandpiper | 75 | White | Yellow | | | Hong Kong, China |
| 16-Apr-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 16-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 0 | White | Yellow | | | Hong Kong, China |
| 16-Apr-16 | Casual observation from bird watcher | Common Redshank | 25 | White | Yellow | | | Hong Kong, China |
| 16-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 0 | White | Yellow | | | Hong Kong, China |
| 16-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 0 | White | Yellow | | | Hong Kong, China |
| 16-Apr-16 | Casual observation from bird watcher | Pied Avocet | Not noted | White | Yellow | | | Hong Kong, China |
| 16-Apr-16 | Casual observation from bird watcher | Greater Sand Plover | 100 | Yellow | | | | N Western Australia |
| 16-Apr-16 | Casual observation from bird watcher | Greater Sand Plover | 100 | Yellow | | | | N Western Australia |
| 18-Apr-16 | Casual observation from bird watcher | Grey-tailed Tattler | 100 | Black | White | | | Chongming Island, China (New) |
| 18-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 100 | Yellow | | | | N Western Australia |
| 18-Apr-16 | Casual observation from bird watcher | Greater Sand Plover | 100 | Yellow | | | | N Western Australia |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 75 | Orange | | | | Victoria, Australia |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 75 | Orange | | | | Victoria, Australia |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 75 | Orange | | | | Victoria, Australia |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | Not noted | Red | | | | Unknown |
| 19-Apr-16 | Leg-flagged survey | Common Redshank | 50 | White | Yellow | | | Hong Kong, China |
| 19-Apr-16 | Leg-flagged survey | Marsh Sandpiper | 50 | White | Yellow | | | Hong Kong, China |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 100 | White | Yellow | | | Hong Kong, China |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 100 | White | Yellow | | | Hong Kong, China |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 50 | Yellow | | | | N Western Australia |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 50 | Yellow | | | | N Western Australia |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 50 | Yellow | | | | N Western Australia |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 100 | Yellow | | | | N Western Australia |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|---------------------|------------------|---------------------|--------|--------------------|-------|---------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 19-Apr-16 | Leg-flagged survey | Curlew Sandpiper | 25 | Yellow | | | | N Western Australia |
| 20-Apr-16 | Casual observation from bird watcher | Red-necked Stint | 50 | Yellow | | | | N Western Australia |
| 22-Apr-16 | Shorebird count | Curlew Sandpiper | Not noted | Blue | Green | | | Mongolia |
| 22-Apr-16 | Shorebird count | Curlew Sandpiper | Not noted | Orange | | | | Victoria, Australia |
| 22-Apr-16 | Casual observation from bird watcher | Marsh Sandpiper | 100 | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Casual observation from bird watcher | Black-tailed Godwit | 100 | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Casual observation from bird watcher | Pied Avocet | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Casual observation from bird watcher | Grey-tailed Tattler | 100 | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Marsh Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Black-tailed Godwit | Not noted | White | Yellow | | | Hong Kong, China |
| 22-Apr-16 | Shorebird count | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 23-Apr-16 | Casual observation from bird watcher | Marsh Sandpiper | 100 | White | Yellow | | | Hong Kong, China |
| 23-Apr-16 | Casual observation from bird watcher | Black-tailed Godwit | 25 | White | Yellow | | | Hong Kong, China |
| 23-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 23-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 75 | Yellow | | | | N Western Australia |
| 23-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 100 | Yellow | | | | N Western Australia |
| 25-Apr-16 | Shorebird count | Great Knot | Not noted | Orange | | | | Victoria, Australia |
| 25-Apr-16 | Shorebird count | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 25-Apr-16 | Shorebird count | Great Knot | Not noted | Yellow | | | | N Western Australia |
| 25-Apr-16 | Shorebird count | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 26-Apr-16 | Casual observation from bird watcher | Terek Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 26-Apr-16 | Casual observation from bird watcher | Greater Sand Plover | 100 | Yellow | | | | N Western Australia |
| 28-Apr-16 | Shorebird count | Red-necked Stint | 25 | Green | Orange | | | Yalujiang, China |
| 28-Apr-16 | Shorebird count | Red-necked Stint | 25 | Green | Orange | | | Yalujiang, China |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|------------------------|------------------|---------------------|--------|--------------------|-------|-------------------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 28-Apr-16 | Casual observation from bird watcher | Red-necked Stint | 75 | Orange | Blue | | | Tasmania, Australia |
| 28-Apr-16 | Casual observation from bird watcher | Marsh Sandpiper | 100 | White | Yellow | | | Hong Kong, China |
| 28-Apr-16 | Casual observation from bird watcher | Common Redshank | 100 | White | Yellow | | | Hong Kong, China |
| 28-Apr-16 | Casual observation from bird watcher | Common Redshank | 100 | White | Yellow | | | Hong Kong, China |
| 28-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | 75 | Yellow | | | | N Western Australia |
| 28-Apr-16 | Shorebird count | Red-necked Stint | 50 | Yellow | | | | N Western Australia |
| 28-Apr-16 | Shorebird count | Greater Sand Plover | Not noted | Yellow | | | | N Western Australia |
| 28-Apr-16 | Shorebird count | Red-necked Stint | 50 | Yellow | | | | N Western Australia |
| 28-Apr-16 | Shorebird count | Greater Sand Plover | Not noted | Yellow | | | | N Western Australia |
| 30-Apr-16 | Shorebird count | Terek Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Apr-16 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Apr-16 | Casual observation from bird watcher | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 30-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 30-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 30-Apr-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | Yellow | | | | N Western Australia |
| 30-Apr-16 | Shorebird count | Greater Sand Plover | Not noted | Yellow | | | | N Western Australia |
| 1-May-16 | Casual observation from bird watcher | Little Stint | 100 | Orange | | | | Victoria, Australia |
| 1-May-16 | Casual observation from bird watcher | Red-necked Stint | 75 | Orange | | | | Victoria, Australia |
| 1-May-16 | Casual observation from bird watcher | Terek Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 2-May-16 | Casual observation from bird watcher | Little Stint | 100 | Orange | | | | Victoria, Australia |
| 2-May-16 | Casual observation from bird watcher | Red-necked Stint | 100 | | | | | Unknown |
| 3-May-16 | Casual observation from bird watcher | Red-necked Stint | 100 | Orange | | | | Victoria, Australia |
| 3-May-16 | Casual observation from bird watcher | Red-necked Stint | 75 | Orange | | | | Victoria, Australia |
| 3-May-16 | Casual observation from bird watcher | Curlew Sandpiper | 100 | White | Yellow | | | Hong Kong, China |
| 3-May-16 | Casual observation from bird watcher | Common Redshank | 100 | White | Yellow | | | Hong Kong, China |
| 3-May-16 | Casual observation from bird watcher | Broad-billed Sandpiper | 100 | Yellow | | | | N Western Australia |
| 3-May-16 | Casual observation from bird watcher | Curlew Sandpiper | 100 | Yellow | | | | N Western Australia |
| 3-May-16 | Casual observation from bird watcher | Curlew Sandpiper | 100 | Yellow | | | | N Western Australia |
| 4-May-16 | Shorebird count | Grey-tailed Tattler | 100 | Black | White | | | Chongming Island, China (New) |
| 4-May-16 | Shorebird count | Red-necked Stint | Not noted | Orange | | | | Victoria, Australia |
| 4-May-16 | Shorebird count | Red-necked Stint | Not noted | Orange | | | | Victoria, Australia |
| 4-May-16 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|--------------------------------------|---------------------|------------------|---------------------|--------|--------------------|-------|-------------------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 4-May-16 | Shorebird count | Common Redshank | Not noted | White | Yellow | | | Hong Kong, China |
| 4-May-16 | Shorebird count | Curlew Sandpiper | 100 | White | Yellow | | | Hong Kong, China |
| 4-May-16 | Shorebird count | Common Redshank | 75 | Yellow | | | | N Western Australia |
| 4-May-16 | Shorebird count | Red-necked Stint | 75 | Yellow | | | | N Western Australia |
| 4-May-16 | Shorebird count | Curlew Sandpiper | 50 | Yellow | | | | N Western Australia |
| 4-May-16 | Shorebird count | Curlew Sandpiper | 100 | Yellow | | | | N Western Australia |
| 8-May-16 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 8-May-16 | Casual observation from bird watcher | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 8-May-16 | Casual observation from bird watcher | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 8-May-16 | Casual observation from bird watcher | Whimbrel | Not noted | White | Yellow | | | Hong Kong, China |
| 8-May-16 | Casual observation from bird watcher | Whimbrel | Not noted | White | Yellow | | | Hong Kong, China |
| 8-May-16 | Casual observation from bird watcher | Red-necked Stint | Not noted | White | Yellow | | | Hong Kong, China |
| 10-May-16 | Casual observation from bird watcher | Curlew Sandpiper | Not noted | White | Yellow | | | Hong Kong, China |
| 11-May-16 | Shorebird count | Whimbrel | Not noted | White | Yellow | | | Hong Kong, China |
| 11-May-16 | Shorebird count | Red-necked Stint | Not noted | White | Yellow | | | Hong Kong, China |
| 13-May-16 | Casual observation from bird watcher | Red-necked Stint | 25 | Orange | Yellow | | | South Australia |
| 13-May-16 | Casual observation from bird watcher | Red-necked Stint | 25 | Orange | | | | Victoria, Australia |
| 13-May-16 | Shorebird count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 13-May-16 | Shorebird count | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 13-May-16 | Casual observation from bird watcher | Red-necked Stint | Not noted | White | Yellow | | | Hong Kong, China |
| 13-May-16 | Shorebird count | Red-necked Stint | 25 | Yellow | | | | N Western Australia |
| 13-May-16 | Shorebird count | Red-necked Stint | 25 | Yellow | | | | N Western Australia |
| 14-May-16 | Casual observation from bird watcher | Red-necked Stint | Not noted | Orange | | | | Victoria, Australia |
| 14-May-16 | Casual observation from bird watcher | Red-necked Stint | Not noted | Orange | | | | Victoria, Australia |
| 14-May-16 | Casual observation from bird watcher | Red-necked Stint | Not noted | Orange | | | | Victoria, Australia |
| 14-May-16 | Casual observation from bird watcher | Red-necked Stint | Not noted | Orange | | | | Victoria, Australia |
| 14-May-16 | Casual observation from bird watcher | Red-necked Stint | Not noted | Yellow | | | | N Western Australia |
| 16-May-16 | Casual observation from bird watcher | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 16-May-16 | Casual observation from bird watcher | Grey-tailed Tattler | 100 | Yellow | | | | N Western Australia |
| 17-May-16 | Casual observation from bird watcher | Grey-tailed Tattler | 100 | Black | White | | | Chongming Island, China (New) |
| 17-May-16 | Casual observation from bird watcher | Red-necked Stint | 75 | Orange | Yellow | | | South Australia |
| 17-May-16 | Casual observation from bird watcher | Red-necked Stint | Not noted | Orange | | | | Victoria, Australia |

| Date | Source | Species | Breeding Plumage | Colour on Right Leg | | Colour on Left Leg | | Ringed Location |
|-----------|-----------------|---------------------|------------------|---------------------|--------|--------------------|-------|---------------------|
| | | | | Upper | Lower | Upper | Lower | |
| 17-May-16 | Shorebird count | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 17-May-16 | Shorebird count | Grey Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 17-May-16 | Shorebird count | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 17-May-16 | Shorebird count | Red-necked Stint | Not noted | White | Yellow | | | Hong Kong, China |
| 17-May-16 | Shorebird count | Red-necked Stint | 25 | Yellow | | | | N Western Australia |
| 22-May-16 | Shorebird count | Red-necked Stint | 75 | Orange | Yellow | | | South Australia |
| 22-May-16 | Shorebird count | Red-necked Stint | 100 | Orange | | | | Victoria, Australia |
| 22-May-16 | Shorebird count | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 22-May-16 | Shorebird count | Greater Sand Plover | Not noted | White | Yellow | | | Hong Kong, China |
| 22-May-16 | Shorebird count | Whimbrel | Not noted | White | Yellow | | | Hong Kong, China |
| 27-May-16 | Shorebird count | Whimbrel | Not noted | White | Yellow | | | Hong Kong, China |
| 31-May-16 | Shorebird count | Whimbrel | Not noted | White | Yellow | | | Hong Kong, China |
| 31-May-16 | Shorebird count | Whimbrel | Not noted | White | Yellow | | | Hong Kong, China |

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

Shorebird Monitoring Report

Appendix 6

Leg-flagged shorebirds with resighting records in at least four years from 2011 to 2016.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation
Department

Leg-flagged shorebirds with resighting records in at least four years from 2011 to 2016.

| Species | Engraved Number | Years with Resighting |
|-----------------------|------------------------|------------------------------|
| Black-tailed Godwit | B0 | 2011-2015 |
| Black-tailed Godwit | B3 | 2011-2016 |
| Black-tailed Godwit | B7 | 2011-2016 |
| Black-tailed Godwit | B9 | 2011-2015 |
| Black-tailed Godwit | H6 | 2012-2016 |
| Black-tailed Godwit | K9 | 2012-2016 |
| Black-tailed Godwit | L0 | 2012-2016 |
| Black-tailed Godwit | N1 | 2012-2015 |
| Common Greenshank | A6 | 2012-2016 |
| Common Greenshank | C4 | 2011-2014 |
| Common Greenshank | E1 | 2011-2015 |
| Common Greenshank | E7 | 2011-2015 |
| Common Redshank | A4 | 2011-2014 |
| Common Redshank | C0 | 2011-2016 |
| Common Redshank | D2 | 2012-2016 |
| Common Redshank | P1 | 2012-2016 |
| Common Redshank | P2 | 2012-2016 |
| Common Redshank | R6 | 2012-2016 |
| Common Redshank | R7 | 2012-2015 |
| Common Redshank | R8 | 2011-2016 |
| Common Redshank | S2 | 2012-2016 |
| Common Redshank | S3 | 2012-2016 |
| Common Redshank | T0 | 2012-2016 |
| Curlew Sandpiper | P1 | 2013-2016 |
| Curlew Sandpiper | V6 | 2012-2016 |
| Eurasian Curlew | A7 | 2012-2016 |
| Eurasian Curlew | A9 | 2013-2016 |
| Great Knot | L3 | 2012-2016 |
| Greater Sand Plover | J6 | 2012-2016 |
| Grey Plover | C2 | 2011-2016 |
| Grey Plover | J2 | 2012-2016 |
| Grey Plover | S7 | 2012-2016 |
| Marsh Sandpiper | B1 | 2012-2016 |
| Marsh Sandpiper | N2 | 2011-2016 |
| Marsh Sandpiper | R1 | 2011-2014 |
| Pacific Golden Plover | H8 | 2012-2016 |
| Pied Avocet | J4 | 2012-2016 |

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

Shorebird Monitoring Report

Appendix 7

Synchronized counts of shorebirds in Hong Kong Wetland Park in spring 2016.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation
Department

Synchronized counts of shorebirds in Hong Kong Wetland Park in spring
2016.

| | 26-Mar | 7-Apr | 9-Apr | 22-Apr |
|------------------------|--------|-------|-------|--------|
| Pheasant-tailed Jacana | 0 | 0 | 0 | 0 |
| Greater Painted-snipe | 0 | 0 | 0 | 0 |
| Black-winged Stilt | 0 | 49 | 22 | 14 |
| Pied Avocet | 42 | 60 | 13 | 0 |
| Oriental Pratincole | 0 | 0 | 0 | 0 |
| Northern Lapwing | 0 | 0 | 0 | 0 |
| Grey-headed Lapwing | 0 | 0 | 0 | 0 |
| Pacific Golden Plover | 0 | 0 | 0 | 0 |
| Grey Plover | 0 | 0 | 0 | 0 |
| Common Ringed Plover | 0 | 0 | 0 | 0 |
| Little Ringed Plover | 0 | 1 | 0 | 0 |
| Kentish Plover | 0 | 0 | 0 | 0 |
| Lesser Sand Plover | 0 | 0 | 0 | 0 |
| Greater Sand Plover | 0 | 1 | 0 | 0 |
| Oriental Plover | 0 | 0 | 0 | 0 |
| Black-tailed Godwit | 0 | 0 | 0 | 0 |
| Bar-tailed Godwit | 0 | 0 | 0 | 0 |
| Little Curlew | 0 | 0 | 0 | 0 |
| Whimbrel | 0 | 0 | 0 | 0 |
| Eurasian Curlew | 0 | 0 | 0 | 0 |
| Far Eastern Curlew | 0 | 0 | 0 | 0 |
| Spotted Redshank | 11 | 57 | 124 | 258 |
| Common Redshank | 114 | 127 | 132 | 730 |
| Marsh Sandpiper | 48 | 52 | 68 | 227 |
| Common Greenshank | 116 | 30 | 39 | 143 |
| Nordmann's Greenshank | 0 | 0 | 0 | 0 |
| Green Sandpiper | 0 | 0 | 0 | 0 |
| Wood Sandpiper | 5 | 6 | 0 | 6 |
| Terek Sandpiper | 0 | 0 | 0 | 2 |
| Common Sandpiper | 0 | 1 | 0 | 1 |
| Grey-tailed Tattler | 0 | 0 | 0 | 1 |
| Ruddy Turnstone | 0 | 0 | 0 | 0 |
| Red-necked Phalarope | 0 | 0 | 0 | 0 |

| | 26-Mar | 7-Apr | 9-Apr | 22-Apr |
|-------------------------|---------------|--------------|--------------|---------------|
| Pintail/Swinhoe's Snipe | 0 | 0 | 0 | 0 |
| Common Snipe | 0 | 0 | 0 | 0 |
| Long-billed Dowitcher | 0 | 0 | 0 | 1 |
| Asian Dowitcher | 0 | 0 | 0 | 0 |
| Red Knot | 0 | 0 | 0 | 2 |
| Great Knot | 0 | 0 | 0 | 0 |
| Sanderling | 0 | 0 | 0 | 0 |
| Red-necked Stint | 0 | 0 | 0 | 7 |
| Little Stint | 0 | 0 | 0 | 0 |
| Temminck's Stint | 0 | 0 | 0 | 0 |
| Long-toed Stint | 0 | 0 | 0 | 0 |
| Pectoral Sandpiper | 0 | 0 | 0 | 0 |
| Sharp-tailed Sandpiper | 0 | 0 | 0 | 0 |
| Dunlin | 0 | 0 | 0 | 0 |
| Curlew Sandpiper | 46 | 141 | 426 | 1,706 |
| Spoon-billed Sandpiper | 0 | 0 | 0 | 0 |
| Broad-billed Sandpiper | 0 | 0 | 0 | 1 |
| Ruff | 0 | 0 | 0 | 0 |
| Sand Plover sp. | 0 | 0 | 0 | 0 |
| Small wader sp. | 0 | 0 | 0 | 0 |
| Large tringa sp. | 0 | 0 | 0 | 0 |
| Total | 382 | 525 | 824 | 3,099 |