

Contract Reference No. AFCD/SQ/49/14/C

**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme
2014 - 2015**

Shorebird Monitoring Report



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Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2014-15

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**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme 2014-15**

Shorebird Monitoring Report



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2014-15

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 2014 to July 2015 under service contract reference number AFCD/SQ/49/14/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 in the same period 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 2014 to 3 November 2014 - once a week;
- Winter: from mid-November 2014 to mid-February 2015 - once a month;
- Spring: from 22 March 2015 to 1 June 2015 - once every three days; and
- Summer: from 2 June 2015 to 15 July 2015 - 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 2014 and from Figure 20 to 38 for Spring 2015 (Appendix 4). The order of the shorebird names follows the list of Hong Kong birds (HKBWS, 2015).

To estimate the total number of shorebirds that utilised the Mai Po Inner Deep Bay Ramsar Site during the 12-month period from July 2014 to June 2015, the peak counts in autumn, winter and spring of each positively identified shorebird species were added together to obtain the aggregate number (Table 1). 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 in Table 1 are

marked with an asterisk and 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 July 2014 to June 2015.

Year	2014	2014-15	2015	2014-15	2013-14	2012-13	2011-12	2010-11
Species	autumn	winter	spring	Minimum	Minimum	Minimum	Minimum	Minimum
Pheasant-tailed Jacana <i>Hydrophasianus chirurgus</i>	0	0	2	2	1	3	4	3
Greater Painted-snipe <i>Rostratula bengalensis</i>	3	2	9	14	1	3	3	4
Black-winged Stilt <i>Himantopus himantopus</i>	104	443	87	634	466	1,059	1,124	542
Pied Avocet <i>Recurvirostra avoetia</i>	363*	10,957	4,263*	10,957	11,794	9,840	14,604	10,944
Oriental Pratincole <i>Glareola maldivarum</i>	1	0	6	7	3	16	2	6
Northern Lapwing <i>Vanellus vanellus</i>	1	1	0	2	1	0	0	0
Grey-headed Lapwing <i>V. cinereus</i>	5*	9	1	10	14	11	3	2
Pacific Golden Plover <i>Pluvialis fulva</i>	166	226	476	868	676	762	1,258	1,142
Grey Plover <i>P. squatarola</i>	5	594	50*	599	848	639	629	320
Common Ringed Plover <i>Charadrius hiaticula</i>	0	0	0	0	0	0	0	0
Little Ringed Plover <i>C. dubius</i>	4	90	8	102	77	109	136	120
Kentish Plover <i>C. alexandrinus</i>	2	1,169	41	1,212	564	3,494	3,147	720
Lesser Sand Plover <i>C. mongolus</i>	3	3	122	128	66	97	48	111
Greater Sand Plover <i>C. leschenaultii</i>	212	66	573	851	634	622	236	861
Oriental Plover <i>C. veredus</i>	0	0	0	0	0	3	0	0
Black-tailed Godwit <i>Limosa limosa</i>	535*	780	1,563	2,343	2,163	2,541	1,989	3,432
Bar-tailed Godwit <i>Limosa lapponica</i>	8	2	227	237	95	131	38	20
Little Curlew <i>Numenius minutes</i>	0	0	1	1	0	0	0	0
Whimbrel <i>Numenius phaeopus</i>	185	26	47	258	287	258	168	299
Eurasian Curlew <i>N. arquata</i>	115*	1,005	197*	1,005	1,297	1,440	1,128	1,602
Far Eastern Curlew <i>N. madagascariensis</i>	2	0	5	7	6	5	8	5
Spotted Redshank <i>Tringa erythropus</i>	3	88	52	143	355	562	395	623
Common Redshank <i>T. totanus</i>	1,020	194	661	1,875	1,291	1,899	1,795	1,577
Marsh Sandpiper <i>T. stagnatilis</i>	1,484	1,106*	1,146	2,630	2,413	2,393	2,237	3,056
Common Greenshank <i>T. nebularia</i>	1,109	735*	737	1,846	1,558	1,924	3,129	2,574
Nordmann's Greenshank <i>T. guttifer</i>	0	1	24	25	11	25	35	45
Green Sandpiper <i>T. ochropus</i>	0	27	3	30	26	40	33	28

Year	2014	2014-15	2015	2014-15	2013-14	2012-13	2011-12	2010-11
Species	autumn	winter	spring	Minimum	Minimum	Minimum	Minimum	Minimum
Wood Sandpiper <i>T. glareola</i>	82	116	82	280	109	215	588	568
Terek Sandpiper <i>Xenus cinereus</i>	112	1	295	408	380	312	406	424
Common Sandpiper <i>Actitis hypoleucos</i>	4	78	5	87	97	92	115	96
Grey-tailed Tattler <i>Tringa brevipes</i>	19	0	63	82	248	22	19	15
Ruddy Turnstone <i>Arenaria interpres</i>	1	0	17	18	7	8	6	34
Red-necked Phalarope <i>Phalaropus lobatus</i>	1	0	4	5	14	2	3	6
Pintail/Swinhoe's Snipe <i>Gallinago stenura/megala</i>	4	0	0	4	1	4	2	7
Common Snipe <i>Gallinago gallinago</i>	4	32	1	37	21	23	28	27
Long-billed Dowitcher <i>Limnodromus scolopaceus</i>	1*	1	1	2	2	1	2	6
Asian Dowitcher <i>Limnodromus semipalmatus</i>	21	0	117	138	145	50	72	82
Red Knot <i>Calidris canutus</i>	2	3	26	31	119	81	17	27
Great Knot <i>C. tenuirostris</i>	46	22	122	190	89	162	176	174
Sanderling <i>C. alba</i>	0	0	2	2	3	2	1	6
Red-necked Stint <i>C. ruficollis</i>	36	0	906	942	1,390	1,711	311	990
Little Stint <i>C. minuta</i>	0	0	2	2	4	5	1	2
Temminck's Stint <i>C. temminckii</i>	2*	16	0	16	14	32	43	51
Long-toed Stint <i>C. subminuta</i>	3	0	25	28	9	7	8	64
Pectoral Sandpiper <i>C. melanotos</i>	0	0	2	2	1	0	1	0
Sharp-tailed Sandpiper <i>C. acuminata</i>	3	0	96	99	180	205	19	131
Dunlin <i>C. alpina</i>	3	1,721	0	1,724	4,195	5,033	3,401	1,478
Curlew Sandpiper <i>C. ferruginea</i>	48	0	5,606	5,654	5,775	5,447	6,282	5,889
Spoon-billed Sandpiper <i>Eurynorhynchus pygmeus</i>	1	0	2	3	0	4	1	4
Broad-billed Sandpiper <i>Limicola falcinellus</i>	3	0	102	105	107	148	35	101
Ruff <i>Philomachus pugnax</i>	0	0	2	2	3	1	1	5
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	2*	0	0	0	0	0	0
NUMBER OF SPECIES	41	30	45	49	47	47	46	46
AGGREGATE NUMBER OF ALL SHOREBIRD SPECIES	4,705 [^]	17,673 [^]	13,269 [^]	35,647	37,560	41,503	43,687	38,223

Note: The numbers marked with asterisk (*) refer to the birds recorded in one season which might have been from the same flock of birds counted in other seasons. Therefore, the numbers with an asterisk (*) are not included in the aggregate number for the season.

[^] While the peak count totals of all autumn, winter and spring shorebird species were 5,726,

19,516 and 17,779 individuals, respectively, only 4,705, 17,673 and 13,269 individuals, respectively, were included in the annual aggregate number of all shorebird species, since some individuals could have been present in more than one season.

Autumn 2014

The shorebird numbers started with a count of 432 individuals in mid-July and subsequently fluctuated in a range from 800 to 2,000 from late July to late August. The first notable influx of migrant shorebirds was a count of 1,986 birds on 14 August and further to a level of 3,000 in the third week of September. Numbers rose further in October with high counts of 3,881 on 5 October and 3,983 on 24 October. These high numbers might also have included arrivals of wintering individuals in the Deep Bay area. The 24 October figure of 3,983, which was the peak autumn count of shorebirds, comprised 17 species, and represented a decrease of 6% from the peak count of the previous year (2013 autumn: 4,236 individuals of 20 species).

The aggregate number of all shorebird species in autumn 2014 was 4,705 individuals of 41 species (Table 1), an increase of 55% over that of the previous autumn (3,033 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 1,484, 1,109 and 1,020 individuals, respectively. The peak count of Marsh Sandpipers was believed to involve both winter visitors and passage migrants because it was recorded in late October (Figure 14), while the peak count of Common Greenshanks could have included more passage migrants than winter visitors because the peak count was recorded in late September, and the number gradually decreased to a lower number in early November (Figure 15). Both wintering and passage populations could have been present and mixed in the Deep Bay area in the autumn months. The Common Redshanks were mainly passage migrants as their peak counts were recorded in early August and late September, and they were in small numbers after the peak count in late September (Figure 13).

Highlights of other shorebird species, which were apparently passage migrants recorded in autumn 2014, included the Black-winged Stilt *Himantopus himantopus* (Figure 2), Pacific Golden Plover *Pluvialis fulva* (Figure 3), Lesser Sand Plover *Charadrius mongolus* (Figure 6), Greater Sand Plover *C. leschenaultii* (Figure 7), Bar-tailed Godwit *Limosa lapponica* (Figure 9), Whimbrel *Numenius phaeopus* (Figure 10), Wood Sandpiper (Figure 16), Great Knot *Calidris tenuirostris* (Figure 17), Red Knot *Calidris canutus* (Figure 18) and Broad-billed Sandpiper *Limicola falcinellus* (Figure 19). Species recorded in relatively small numbers this autumn included the Lesser Sand Plover, Bar-tailed Godwit, Red Knot and Broad-billed Sandpiper.

Winter 2014-15

The shorebird counts were conducted from mid-November 2014 to mid-February 2015. To enhance the accuracy, information collected in the monthly waterbird counts (from Anon. 2015) was also included in the analysis. In winter 2014-15, the aggregate number of all shorebird species was 17,673 birds of 30 species (Table 1), which was 19% fewer than in the previous winter (21,947 individuals of 32 species) and 24% fewer than in winter 2012-13 (23,386 individuals of 30 species). The five most abundant species recorded in winter 2014-15 were the Pied Avocet *Recurvirostra avosetta* (10,957 individuals, 62% of the aggregate number), Dunlin *Calidris alpina* (1,721 individuals, 10% of the aggregate number), Kentish Plover *Charadrius alexandrinus* (1,169 individuals, 7% of the aggregate number), Marsh Sandpiper *Tringa stagnatilis* (1,106 individuals, 6% of the aggregate number) and Eurasian Curlew *Numenius arquata* (1,005 individuals, 6% of the aggregate number).

Spring 2015

Shorebird counts in spring 2015 started with a relative high number of 4,441 individuals (not including wintering Pied Avocets) on 23 March, which dropped to 2,241 individuals on 28 March. The first notable influx of passage shorebirds was recorded on 9 April, with a total of 7,674 individuals, including a flock of 3,143 Curlew Sandpipers *Calidris ferruginea*. Shorebird numbers remained high, from 5,500 to 9,500 birds until late April. The peak count for the season was 9,527 shorebirds (34 species), recorded on 22 April, which was similar to that of last spring (9,567 individuals of 27 species), but 8% lower than that of spring 2013 (10,361 individuals of 33 species). The numbers fell from the peak to 4,671 individuals on 1 May, below 3,000 in early May, and less than 1,000 from 14 May onwards. Figure 20 shows the changes in shorebird numbers in spring 2015.

The Curlew Sandpiper was the most abundant species in spring, with a peak count of 5,606 individuals recorded on 22 April 2015, constituting 42% of the spring aggregate number (13,269 individuals) and similar to that of last spring (5,760 individuals) (Tables 1 and 2). There were another two minor peaks of Curlew Sandpipers, with 3,143 individuals recorded on 9 April and 2,093 individuals recorded on 1 April (Figure 37), indicating that several flocks of this passage species stopped over in Deep Bay. Therefore, the actual number of individuals in Deep Bay in the spring was likely higher than the peak count recorded. It was also noted that the species occurred earlier and in greater numbers in the late March to early April period than in the 2006-2008 (1,070 individuals recorded on 23 March and 2,093

individuals recorded on 1 April), indicating a possible change in spring migration pattern of this species.

There was fluctuation in the number of several other regular passage shorebird species recorded in the past few years (Table 2). The number of Red-necked Stints *Calidris ruficollis* decreased from 1,330 individuals last spring to 906 individuals this spring. The Red Knot and Sharp-tailed Sandpiper *Calidris acuminata* also had a lower count than last spring. The peak count of the Lesser Sand Plover was higher this spring (122 individuals) than that of last spring (37 individuals). The Pacific Golden Plover, Ruddy Turnstone *Arenaria interpres* and Long-toed Stint *Calidris subminuta* had relatively high counts compared with those of previous years. The Bar-tailed Godwit had an unexpectedly high count of 227 individuals, which was the highest spring count since 1984. The Grey-tailed Tattler *Tringa brevipes* usually had low numbers in recent years, but a relatively high count of 63 individuals was recorded this spring. The aggregate number (13,269 individuals) this spring was 5.5% higher than that of the last year (12,580 individuals), but was comparatively lower than that from 2009 to 2011 (Table 2). Details of the shorebird counts conducted in spring 2015 are provided in Figures 21 to 38.

Table 2. Peak counts of some shorebird species in spring 2009-2015.

Species	2015	2014	2013	2012	2011	2010	2009
Pacific Golden Plover <i>Pluvialis fulva</i>	476	221	94	245	305	525	288
Lesser Sand Plover <i>Charadrius mongolus</i>	122	37	64	14	79	87	85
Bar-tailed Godwit <i>Limosa lapponica</i>	227	34	117	20	9	26	100
Grey-tailed Tattler <i>Tringa brevipes</i>	63	239	17	13	13	5	160
Ruddy Turnstone <i>Arenaria interpres</i>	17	7	7	5	34	30	40
Red Knot <i>Calidris canutus</i>	26	96	76	5	25	26	19
Red-necked Stint <i>C. ruficollis</i>	906	1,330	1,770	300	956	3,756	2,700
Long-toed Stint <i>C. subminuta</i>	25	5	5	6	59	28	32
Sharp-tailed Sandpiper <i>C. acuminata</i>	96	179	197	15	130	59	22
Curlew Sandpiper <i>C. ferruginea</i>	5,606	5,760	5,440	6,147	5,794	9,296	9,168
Aggregate number of all shorebird species recorded in spring	13,269	12,580	13,280	11,185	16,187	23,871	23,614

Summer 2015

The number of shorebirds was low in June and early July 2015: 327 birds were counted on 8 June, 148 on 22 June and 349 on 8 July 2015. However, these counts were higher than those of the last summer (82 to 180 birds in June and early July 2014). The most notable counts were 121 Common Redshanks and 82 Pacific Golden Plovers, recorded on 8 July 2015 (Appendix 3). Two shorebird species were recorded breeding in the MPMNR this summer. At least 8 nests of Black-winged Stilts and 2 nests of Greater Painted-snipes were recorded at *gei wai* 16/17, and several chicks were observed during the summer counts.

Overview 2014-15

As shown in Table 1, the aggregate number of all shorebird species estimated to have used the Ramsar Site in 2014-15 was 35,647 individuals, a decrease of 5.1% from that of 2013-14 (37,560 individuals). The aggregate number of 17,673 individuals in winter made up the largest proportion (50%) of the aggregate number in 2014-15. The sum of aggregate number for autumn and spring was 17,974 individuals, an increase of 15% from that of 2013-14 (15,613 individuals). The 10 most numerous shorebird species recorded in the 12-month period from July 2014 to June 2015, in descending order, were: the Pied Avocet (10,957, 31% of aggregate number of all species), Curlew Sandpiper (5,645, 16%), Marsh Sandpiper (2,630, 7%), Black-tailed Godwit (2,343, 7%), Common Redshank (1,875, 5%), Common Greenshank (1,846, 5%), Dunlin (1,724, 5%), Kentish Plover (1,212, 3%), Eurasian Curlew (1,005, 3%) and Red-necked Stint (942, 3%).

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 17,974 observable shorebirds recorded in autumn and spring, it was estimated that the Deep Bay area supported 53,922 to 80,883 passage shorebirds during the migratory season in 2014-15.

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 (2015). Table 3 is an extract of populations of certain

migratory shorebirds utilising the Mai Po Inner Deep Bay Ramsar Site during the period from July 2014 to June 2015 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 2014 to June 2015 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	10,957	11.0%
Kentish Plover <i>Charadrius alexandrinus</i>	100,000	1,000	1,212	1.2%
Greater Sand Plover <i>Charadrius leschenaultii</i>	79,000	790	851	1.1%
Black-tailed Godwit <i>Limosa limosa</i>	139,000	1,400	2,343	1.7%
Eurasian Curlew <i>Numenius arquata</i>	100,000	1,000	1,005	1.0%
Common Redshank <i>Tringa totanus</i>	10,000-100,000	1,000	1,875	1.9%
Common Greenshank <i>Tringa nebularia</i>	100,000	1,000	1,846	1.9%
Nordmann's Greenshank <i>Tringa guttifer</i>	400-600	5	25	5%
Curlew Sandpiper <i>Calidris ferruginea</i>	135,000	1,400	5,654	4.0%
Spoon-billed Sandpiper <i>Eurynorhynchus pygmeus</i>	140-480	3	3	1.0%

Globally threatened species

The following globally threatened and near-threatened species listed in BirdLife International (2015) were recorded from July 2014 to June 2015:

- Black-tailed Godwit (Near-threatened): A total of 2,343 individuals were recorded in the 12-month period, with peak counts of 780 birds in winter and 1,563 in spring. The number of the species this year showed an increase of 8% from that of last year (2,163 individuals). Applying the criterion that 1% of the regional population was 1,390 individuals (Wetlands International 2015), the

Deep Bay area supported 1.7% of the regional population in 2014-15 (Table 3).

- 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 peak count of 1,005 individuals was recorded in the January waterbird count, which represented a decrease of 2.2% from that of the last year (1,297 individuals). Applying the criterion that 1% of the regional population was 1,000 individuals (Wetlands International 2015), the Deep Bay area supported 1.0% of the regional population in 2014-15 (Table 3).
- Far Eastern Curlew (Vulnerable): This species was present only in small numbers in the Deep Bay area. A total of 7 individuals (2 in autumn, 5 in spring) were recorded in this 12-month period, similar to last year's record of 6 individuals.
- Nordmann's Greenshank (Endangered): A total of 25 individuals were recorded in the 12-month period, including 1 in late November 2014 and 24 (peak count of 20 adults and 4 with first-summer plumage) in spring 2015, more than double the 11 individuals recorded last year. The global population is estimated to be in the range of 400-600 individuals, so applying the criterion that the 1% threshold is 5 individuals (Wetlands International 2015), the Deep Bay area supported 5% of the global population in 2014-15 (Table 3).
- Grey-tailed Tattler (Near-threatened): This species has been recently uplisted to Near Threatened from a moderately rapid population decline, driven by on-going habitat loss and degradation (BirdLife International 2015). The global population is estimated at 44,000 individuals (Wetlands International 2015). The number of this species in the Deep Bay has fluctuated in recent years. During the 12-month period from July 2014 to June 2015, a total of 82 individuals were recorded (19 in autumn and 63 in spring) (Table 2). Applying the criterion that 1% of regional population was 440 individuals (Wetlands International 2015), the Deep Bay area supported less than 1% of the regional population in 2014-15.
- Asian Dowitcher (Near-threatened): A total of 138 individuals (21 in autumn and 117 in spring) were recorded in 2014-15, 5% lower than that of last year (145 individuals) (Table 2).
- Great Knot (Vulnerable): A total of 190 individuals were recorded in 2014-15,

including 46 in autumn, 22 in winter and 122 in spring. The number of Great Knot recorded this year was 113% higher than that of last year (89 individuals) and close to the record of 2010-13 (162 to 174 individuals) (Table 2). The spring counts have been decreasing since spring 2010 (122 individuals in 2015, 70 in 2014, 94 in 2013, 106 in 2012, 157 in 2011 and 301 in 2010), but their numbers during the spring migration period could be weather-related (Bellrose 1974, Richardson 1990).

- Spoon-billed Sandpiper (Critically Endangered): There has been a drastic population decline in this species recently, and only three individuals were recorded this year, 1 in autumn, an unusual sighting, and 2 in spring. Applying the criterion that 1% of the regional population is 3 individuals (Wetlands International 2015), the Deep Bay area supported 1% of the global population in 2014-15.

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. This also assists in the identification of the potential influence on their population variation in Hong Kong as their staging or wintering site. These re-sighting records were collated through several means, including direct observations by shorebird count surveyors, reports from bird watchers and photographers, and information posted on the HKBWS's website. A total of 417 sightings were recorded in 2014-15, 19% more than in the previous year (351 sightings). Among the sighting records, a total of 319 (76%) of the birds were fitted with local Hong Kong leg flags (white (upper) and yellow (lower)), 95 (23%) had overseas flags, and 3 (a Dunlin and a Great Knot with single white flags, and a Black-tailed Godwit with a metal ring) were of undetermined origin.

Among the shorebirds with overseas leg flags, a total of 39 (41%) had a single yellow leg flag or colour rings, indicating that they had been tagged in North Western Australia. Another 25 birds (26%) 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 a Curlew Sandpiper from the Gulf of Carpentaria in Australia (green (upper) and yellow (lower)); a Terek Sandpiper from Sumatra, Indonesia (orange (upper) and black (lower)); a Marsh Sandpiper and a

Greater Sand Plover from Taiwan (white (upper) and blue (lower)); a Red-necked Stint, a Grey-tailed Tattler and a Great Knot from Chongming Island in China (black (upper) and white (lower) for the recently flagged birds, white (upper) and black (lower) for older flaggings). In terms of species flagged, 51 sightings of Curlew Sandpipers (54%) and 16 sightings of Red-necked Stints (17%) were recorded. Among the re-sightings of Hong Kong-flagged shorebirds, Common Redshanks ranked the highest with 67 (21%) re-sightings, followed by Grey Plovers with 58 (18%) re-sightings. 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 2015 in the Deep Bay area. The list of these frequently resighted individuals is provided in Appendix 6.

Other observations

The shorebird aggregate number has fluctuated in the past 10 years, peaking from 2008 to 2010 at a level of 53-54,000 and showed a declining trend in the last four years (Table 4). The number this year returned to the level of 2005-06. Shorebirds which winter in Australia and are usually recorded in Hong Kong in spring and autumn have a declining population trend globally (e.g. the Eastern Curlew, Curlew Sandpiper, Sharp-tailed Sandpiper and Grey-tailed Tattler) (Wetlands International 2015). Declines in the spring aggregate have coincided with this trend (Table 2).

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

2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09	2007-08	2006-07	2005-06
35,647	37,560	41,503	43,687	38,223	53,300	54,457	50,582	48,643	33,312

The Spotted Redshank has shown a significant decline in past 10 years, from more than 1,500 individuals in 2002-03 to 143 individuals in 2014-15. But the population trend of this species in this region is still unknown. The reason for the decline in the number of Spotted Redshanks in Hong Kong is not yet known (e.g. whether it is related to local habitat quality or regional population decline), so further study is needed for a population trend analysis.

Several reports from bird watchers indicate that since 2012, a large flock of *Tringa spp.* have roosted in Hong Kong Wetland Park (HKWP) during the high tide period. Trial synchronized surveys at both the MPMNR and HKWP on 23 March, 9 April, 22 April and 6 May 2015 were conducted this year to provide supplementary information on the shorebird population in the Deep Bay area during the peak

migration period in spring (Table 5, Appendix 7). The highest count of shorebirds in the surveys conducted in HKWP was 2,878 individuals (27% of the total number). The proportion of shorebirds recorded in HKWP was around 20% in these synchronized surveys (min: 18% on 22 April; max: 27% on 9 April). Tringas were recorded in high numbers in HKWP during the surveys. For example, a high number of Spotted Redshanks (198 individuals) were recorded in HKWP on 23 March, while none were recorded in Mai Po on the same day, and the peak count of Spotted Redshanks in Mai Po in spring was only 52 individuals, recorded on 6 May. As Table 6 shows, when the HKWP counts are included, the aggregate number in spring is 15,850, 19% more than the original number (13,269). These findings suggest that synchronized shorebird surveys conducted in HKWP in the spring would provide a more comprehensive figure on the number of shorebirds.

Table 5. Number of shorebirds recorded in synchronized surveys in Mai Po and HKWP in spring 2015.

Date	23 March	9 April	22 April	6 May
Mai Po	4,441 (77%)	7,674 (73%)	9,527 (82%)	2,206 (79%)
HKWP	1,346 (23%)	2,878 (27%)	2,081 (18%)	571 (21%)
Total	5,787	10,552	11,608	2,777

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
Black-winged Stilt	87	112	+25
Kentish Plover	41	354	+313
Spotted Redshank	52	250	+198
Common Redshank	661	933	+272
Marsh Sandpiper	1,146	2,030	+884
Common Greenshank	737	884	+147
Pintail/Swinhoe's Snipe	0	1	+1
Common Snipe	1	3	+2
Curlew Sandpiper	5,606	6,345	+739
Aggregate number of all shorebird species	13,269	15,850	+2,581

Human disturbance was noted in the mudflats area this year. Sightings of fishermen were recorded during the counts in winter and spring. They walked

around on the mudflats and flushed the shorebirds. Before more information is available to understand the decline in the number 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.

5. References

Anon. 2014. Shorebird Monitoring at the Mai Po Inner Deep Bay Ramsar Site: 2013-14. Report by The Hong Kong Bird Watching Society to the Agriculture, Fisheries and Conservation Department, Hong Kong Special Administrative Region Government.

Anon. 2015. Monthly Waterbird Monitoring Biannual Report 2 (October 2014 to March 2015), Mai Po Inner Deep Bay Ramsar Site Waterbird Monitoring Programme 2014-15. Report by the Hong Kong Bird Watching Society to the Agriculture, Fisheries and Conservation Department, Hong Kong Special Administrative Region Government.

Bellrose, F.C. 1974. The Effect of Short-Term Weather Conditions on the Migration of Waterfowl. Illinois State Natural History Survey Urbana.

BirdLife International. 2015. IUCN Red List for birds. Retrieved from <http://www.birdlife.org> in July 2015.

Hong Kong Bird Watching Society. 2015. List of Hong Kong Birds – 2015-04-20. Retrieved from <http://www.hkbws.org.hk/BBS/attachment.php?aid=21768> in July 2015.

Howes, J and Bakewell, D. 1989. Shorebird Studies Manual. AWB Publication No. 55. Kuala Lumpur.

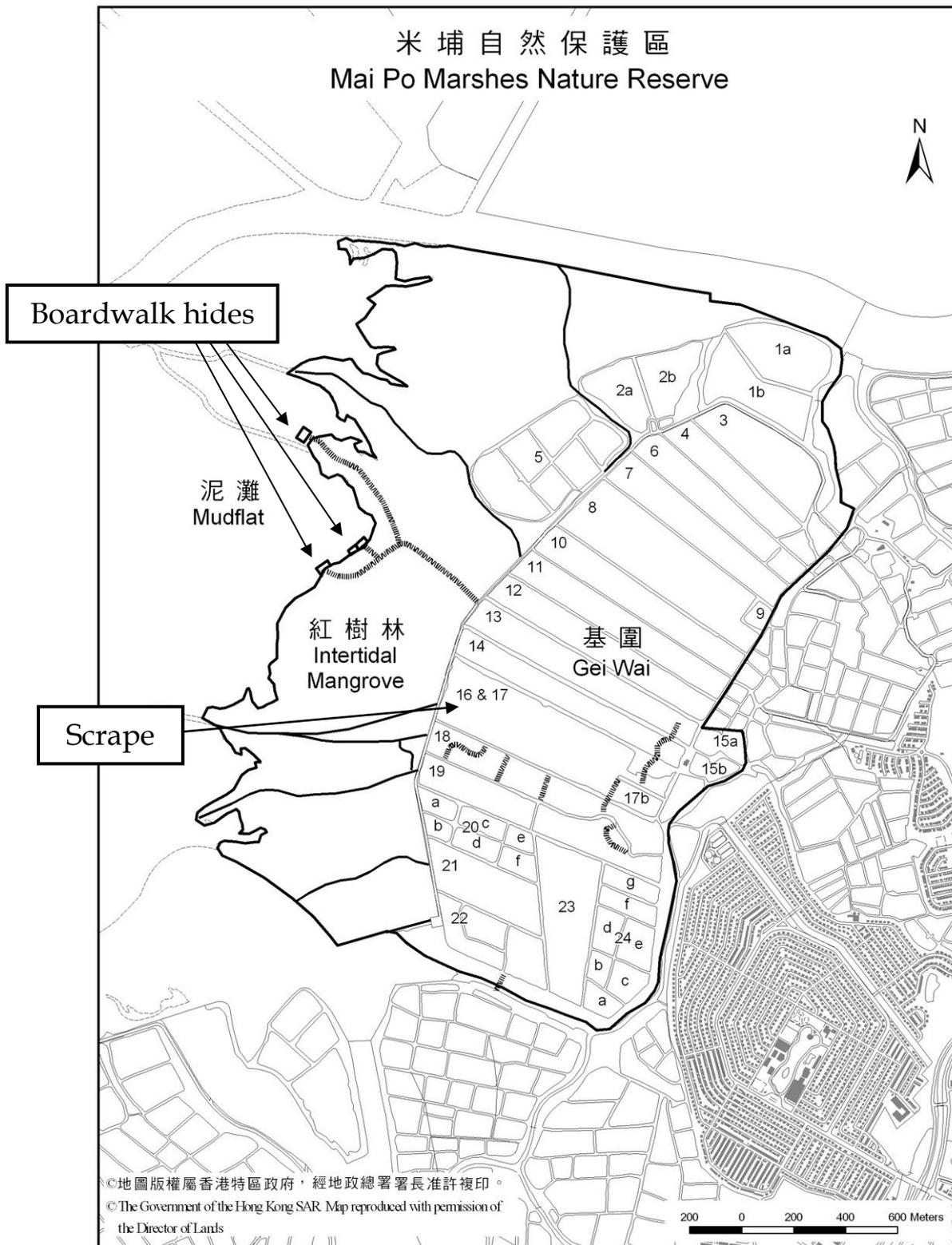
MacKinnon, J., Verkuil, Y.I. and Murray, N. 2012. IUCN situation analysis on East and Southeast Asian intertidal habitats, with particular reference to the Yellow Sea (including the Bohai Sea). Occasional Paper of the IUCN Species Survival

Commission No. 47. IUCN, Gland, Switzerland and Cambridge, UK. ii + 70pp.

Richardson, W. 1990. Timing of bird migration in relation to weather: updated review. In Bird migration (pp. 78-101). Springer Berlin Heidelberg.

Wetlands International. 2015. Waterbird Population Estimates. Retrieved from <http://wpe.wetlands.org> on 3 July 2015.

Map 1. Mai Po Marshes Nature Reserve – the site under study in the Shorebird Monitoring Programme, 2014-15.



**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme 2014-15**

Shorebird Monitoring Report

Appendix 1

Counts of shorebirds in the Mai Po Inner Deep Bay
Ramsar Site in autumn 2014.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

	15-21 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	16	6	51	61	106	172	63	53	33	11	185	97	3	0	0
Eurasian Curlew	18	8	41	73	60	72	73	88	87	91	115	94	92	93	98	97
Far Eastern Curlew	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Spotted Redshank	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0
Common Redshank	291	445	630	1020	779	577	157	622	450	337	957	720	178	127	136	151
Marsh Sandpiper	1	2	9	7	1	0	22	370	490	778	654	1109	1451	961	1484	599
Common Greenshank	82	212	103	312	600	571	559	628	777	1109	899	824	772	603	571	584
Nordmann's Greenshank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Green Sandpiper	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Sandpiper	0	0	9	12	0	0	1	3	0	16	6	82	0	0	0	0
Terek Sandpiper	0	8	26	25	112	0	29	42	6	0	0	5	1	0	0	0
Common Sandpiper	0	0	1	2	3	0	0	2	2	4	2	3	0	0	0	0
Grey-tailed Tattler	0	0	3	0	19	0	0	0	8	0	0	0	0	0	0	0
Ruddy Turnstone	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
Red-necked Phalarope	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Pintail/Swinhoe's Snipe	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0
Common Snipe	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0
Long-billed Dowitcher	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Asian Dowitcher	0	0	0	0	8	21	3	0	0	0	0	0	0	0	0	0
Red Knot	0	0	0	0	0	0	0	2	0	2	0	2	0	0	0	0

	15-21 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	0	1	0	1	5	19	46	2	0	1	4	0	10
Sanderling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Red-necked Stint	0	0	1	0	3	0	2	0	1	0	0	36	0	0	0	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	2	0	0	0	0
Long-toed Stint	0	0	0	0	0	0	0	3	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	1	3	0	0	1	0	0	0	0	3	0	0	0
Dunlin	0	0	0	0	1	0	0	3	0	0	0	0	41	391	415	751
Curlew Sandpiper	0	2	8	11	12	0	0	12	0	0	0	48	1	0	0	0
Spoon-billed Sandpiper	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Broad-billed Sandpiper	0	0	0	0	0	0	3	1	1	0	0	0	0	0	0	0
Ruff	0	0	0	0	0	0	0	0	0	0	0	0	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:	432	733	995	1644	1986	1621	1349	2347	2381	3075	3628	3881	3766	3139	3983	3603

**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme 2014-15**

Shorebird Monitoring Report

Appendix 2

Counts of shorebirds in the Mai Po Inner Deep Bay
Ramsar Site in winter 2014-15.



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
2014-15.

	20-Nov	13-Dec	14-Jan	11-Feb
Pheasant-tailed Jacana	0	0	0	0
Greater Painted-snipe	0	0	0	0
Black-winged Stilt	13	13	0	21
Pied Avocet	345	2,160	2,341	3,367
Oriental Pratincole	0	0	0	0
Northern Lapwing	0	1	0	0
Grey-headed Lapwing	0	0	0	0
Pacific Golden Plover	12	11	78	0
Grey Plover	271	594	105	554
Common Ringed Plover	0	0	0	0
Little Ringed Plover	0	2	0	0
Kentish Plover	1,169	368	0	112
Lesser Sand Plover	0	0	0	0
Greater Sand Plover	66	0	0	0
Oriental Plover	0	0	0	0
Black-tailed Godwit	1	0	0	0
Bar-tailed Godwit	0	2	0	2
Little Curlew	0	0	0	0
Whimbrel	0	1	1	1
Eurasian Curlew	182	518	198	332
Far Eastern Curlew	0	0	0	0
Spotted Redshank	72	0	0	18
Common Redshank	0	0	0	92
Marsh Sandpiper	395	42	47	186
Common Greenshank	183	269	498	413
Nordmann's Greenshank	1	0	0	0
Green Sandpiper	0	0	0	0
Wood Sandpiper	0	0	0	1
Terek Sandpiper	0	0	0	0
Common Sandpiper	0	0	0	1
Grey-tailed Tattler	0	0	0	0
Ruddy Turnstone	0	0	0	0
Red-necked Phalarope	0	0	0	0

	20-Nov	13-Dec	14-Jan	11-Feb
Pintail/Swinhoe's Snipe	0	0	0	0
Common Snipe	0	0	0	0
Long-billed Dowitcher	1	0	0	0
Asian Dowitcher	0	0	0	0
Red Knot	0	3	0	2
Great Knot	22	12	3	15
Sanderling	0	0	0	0
Red-necked Stint	0	0	0	0
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	1,721	1,060	0	1
Curlew Sandpiper	0	0	0	0
Spoon-billed Sandpiper	0	0	0	0
Broad-billed Sandpiper	0	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:	4,454	5,056	3,271	5,118

**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme 2014-15**

Shorebird Monitoring Report

Appendix 3

Counts of shorebirds in the Mai Po Inner Deep Bay
Ramsar Site in spring and summer 2015.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

	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
Spotted Redshank	0	19	52	10	8	8	21	43	21	28	26	18	22	12	15	52	39	1	3	5	0	0	0	0	0	0	0
Common Redshank	242	193	98	38	59	185	416	661	146	405	363	468	463	406	117	258	132	96	109	86	0	0	11	3	13	0	121
Marsh Sandpiper	1120	727	511	357	351	256	1,146	708	578	343	373	106	66	26	7	0	0	0	1	0	0	0	0	0	9	0	0
Common Greenshank	427	495	557	265	520	733	570	544	363	737	396	288	231	447	500	399	156	62	92	76	1	34	19	14	35	62	35
Nordmann's Greenshank	0	1	1	0	0	2	20	20	5	0	0	0	0	0	0	0	0	4	2	2	2	0	0	0	0	0	0
Green Sandpiper	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood Sandpiper	3	7	5	2	6	2	2	82	21	20	47	2	59	3	3	1	0	1	1	0	0	0	0	0	0	0	6
Terek Sandpiper	10	11	22	36	26	40	46	108	295	92	190	113	214	142	188	202	125	98	175	180	255	130	107	87	152	0	0
Common Sandpiper	2	3	3	0	2	2	1	4	5	2	4	0	3	0	1	1	1	0	0	0	0	0	0	0	1	0	0
Grey-tailed Tattler	0	0	0	0	0	0	0	1	1	0	0	1	1	2	17	35	9	63	2	1	0	9	26	0	13	0	0
Ruddy Turnstone	0	0	0	0	0	0	1	6	5	0	3	17	7	10	4	7	1	0	0	0	0	1	0	0	0	0	0
Red-necked Phalarope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	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	0	0	0	0	0	0	0	0	0	0	0
Common Snipe	0	1	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
Long-billed Dowitcher	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	0
Asian Dowitcher	0	0	0	0	0	0	5	3	4	1	19	40	117	65	0	7	1	3	4	4	4	3	0	2	0	0	2
Red Knot	0	0	0	0	0	0	6	2	1	0	5	5	15	26	24	6	0	1	2	0	3	0	0	0	0	0	0
Great Knot	8	58	122	82	18	2	40	49	3	8	7	1	5	1	5	5	1	2	0	2	0	0	0	0	0	0	0
Sanderling	0	0	0	0	0	0	0	1	0	0	1	1	0	0	2	2	1	0	0	0	0	1	0	0	0	0	0
Red-necked Stint	356	262	152	560	191	27	172	272	650	538	784	876	906	834	424	286	195	335	220	190	31	58	7	1	0	0	3
Little Stint	0	0	0	0	0	0	0	0	0	1	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Long-toed Stint	0	0	0	0	0	0	0	1	1	2	8	5	25	5	3	0	0	0	0	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
Pectoral Sandpiper	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sharp-tailed Sandpiper	0	0	0	0	0	1	3	24	14	21	14	58	54	96	47	23	15	53	34	16	6	3	0	0	0	0	0
Dunlin	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
Curlew Sandpiper	1,070	890	456	2,093	621	132	3,143	1,488	2,347	4,486	5,606	3,397	2,711	1,487	283	418	92	30	44	44	8	15	2	0	0	0	0
Spoon-billed Sandpiper	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broad-billed Sandpiper	4	2	7	11	0	0	13	10	42	46	47	70	102	86	36	29	9	6	0	4	0	1	0	1	0	0	0
Ruff	1	0	0	0	1	0	1	1	0	1	2	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:	4,441	3,956	2,241	4,220	2,976	2,308	7,674	5,716	6,599	8,335	9,527	6,926	6,831	4,671	2,311	2,206	1,046	957	886	804	487	393	303	266	327	148	349



**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme 2014-15**

Shorebird Monitoring Report

Appendix 4

Figures of counts of shorebird species in Autumn 2014 and Spring 2015.



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 2014

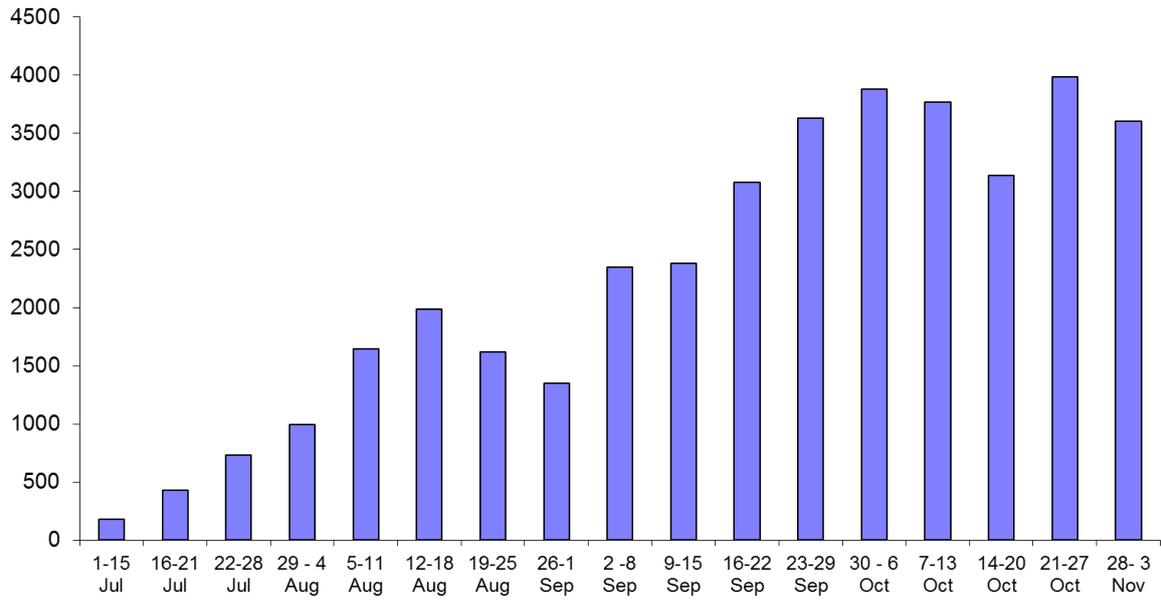


Figure 2. Counts of Black-winged Stilts at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

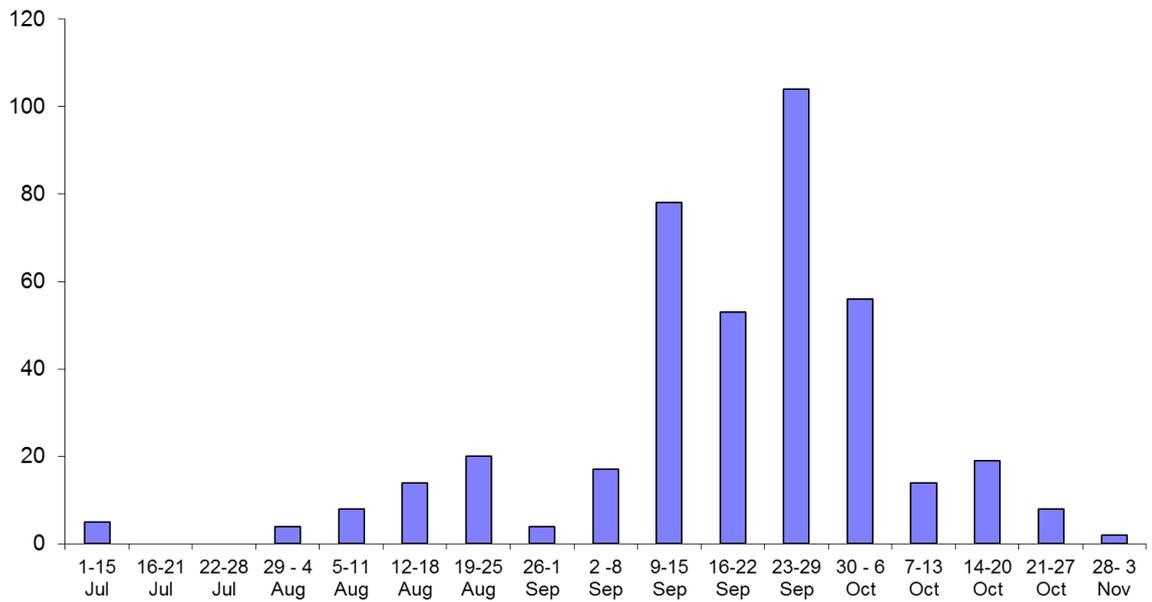


Figure 3. Counts of Pacific Golden Plovers at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

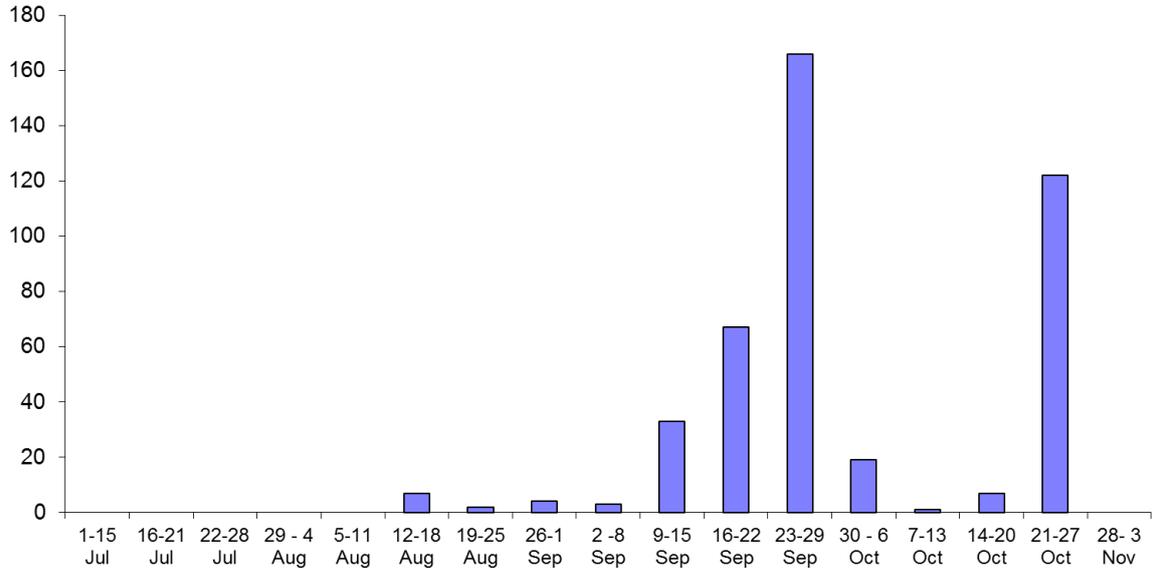


Figure 4. Counts of Kentish Plovers at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

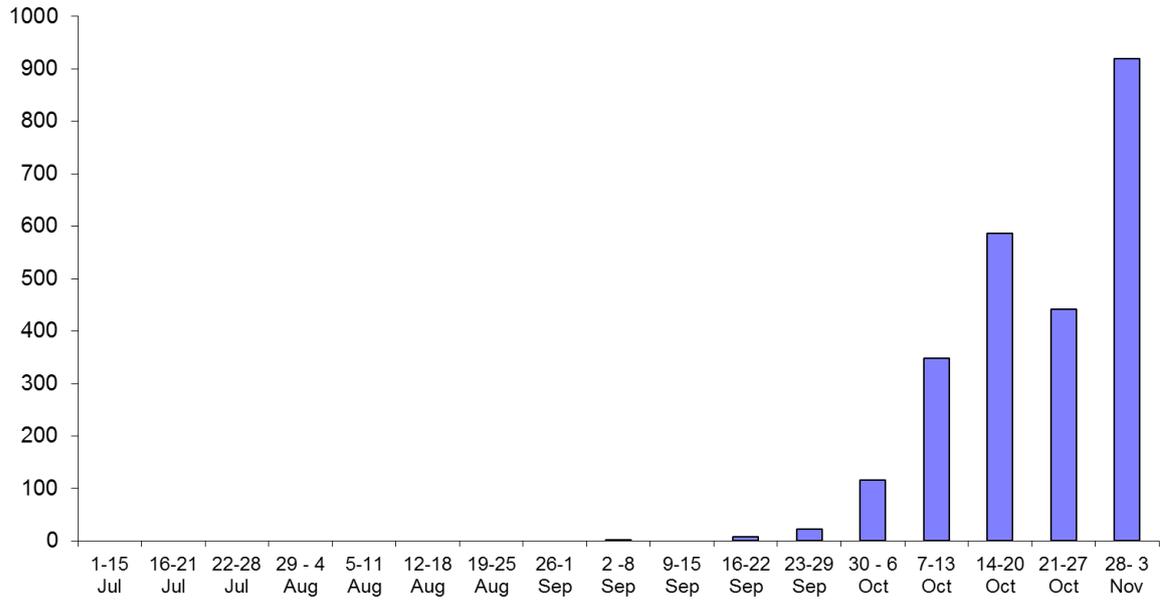


Figure 5. Counts of Grey Plovers at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

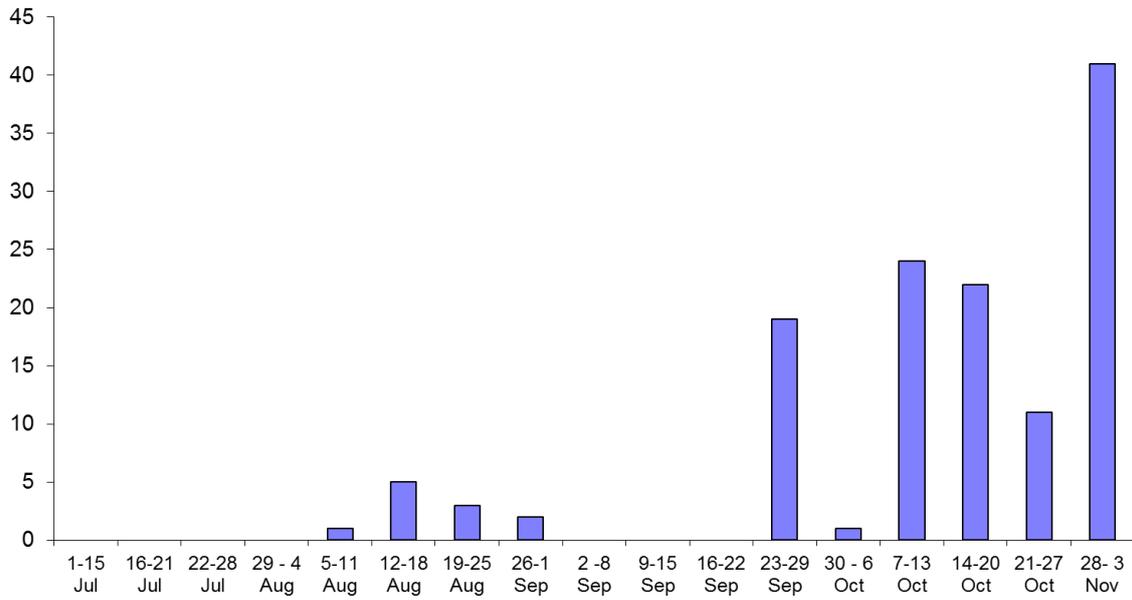


Figure 6. Counts of Lesser Sand Plovers at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

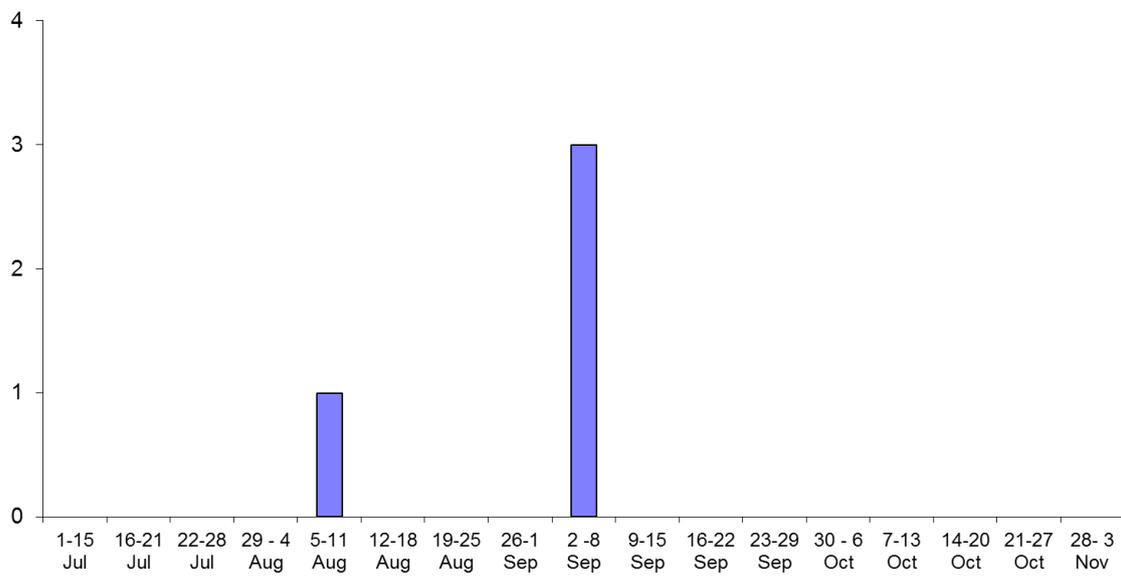


Figure 7. Counts of Greater Sand Plovers at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

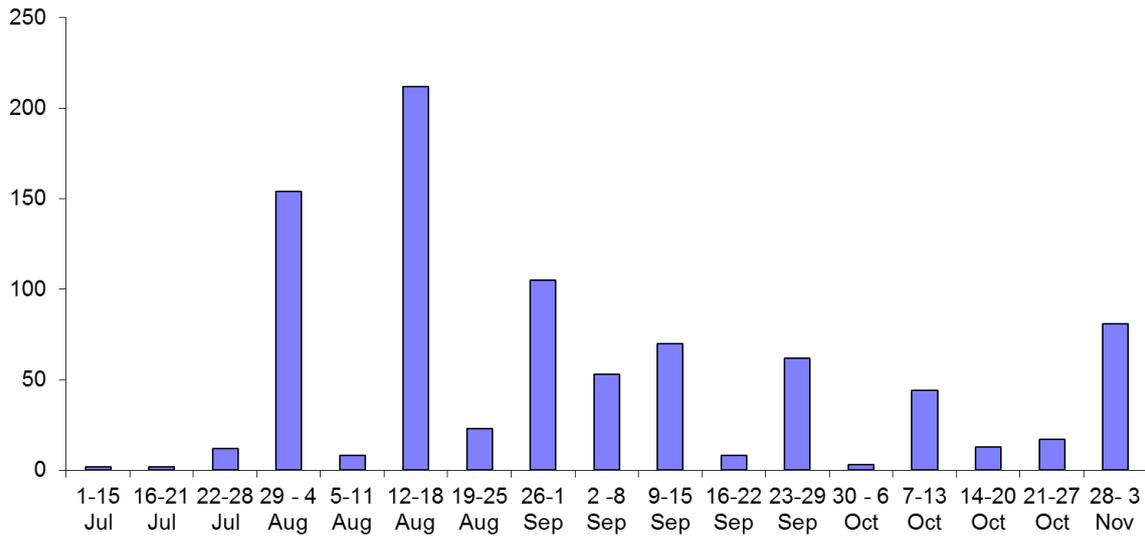


Figure 8. Counts of Black-tailed Godwits at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

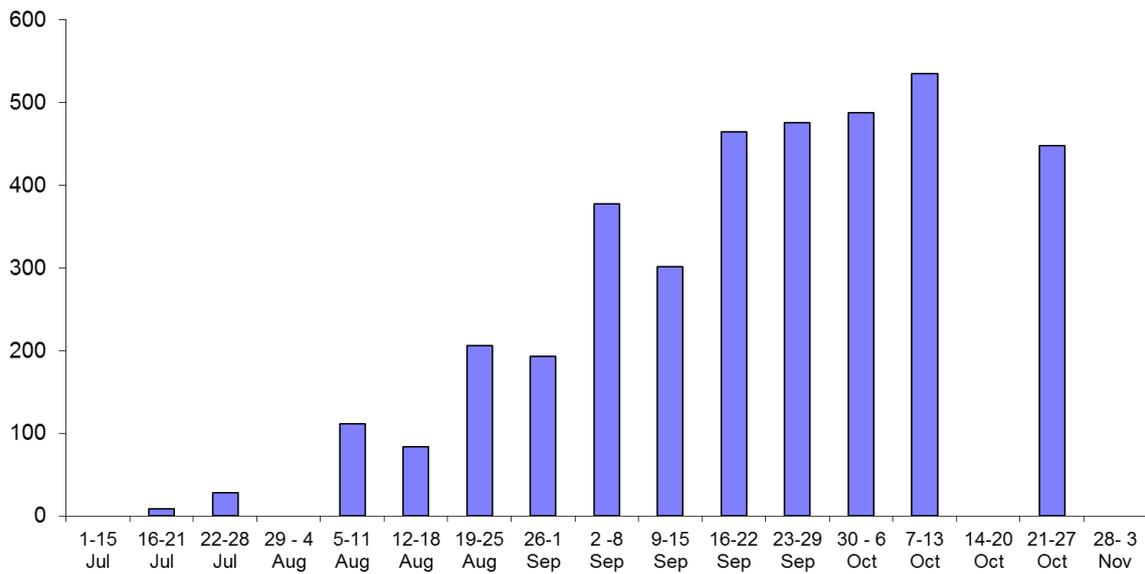


Figure 9. Counts of Bar-tailed Godwits at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

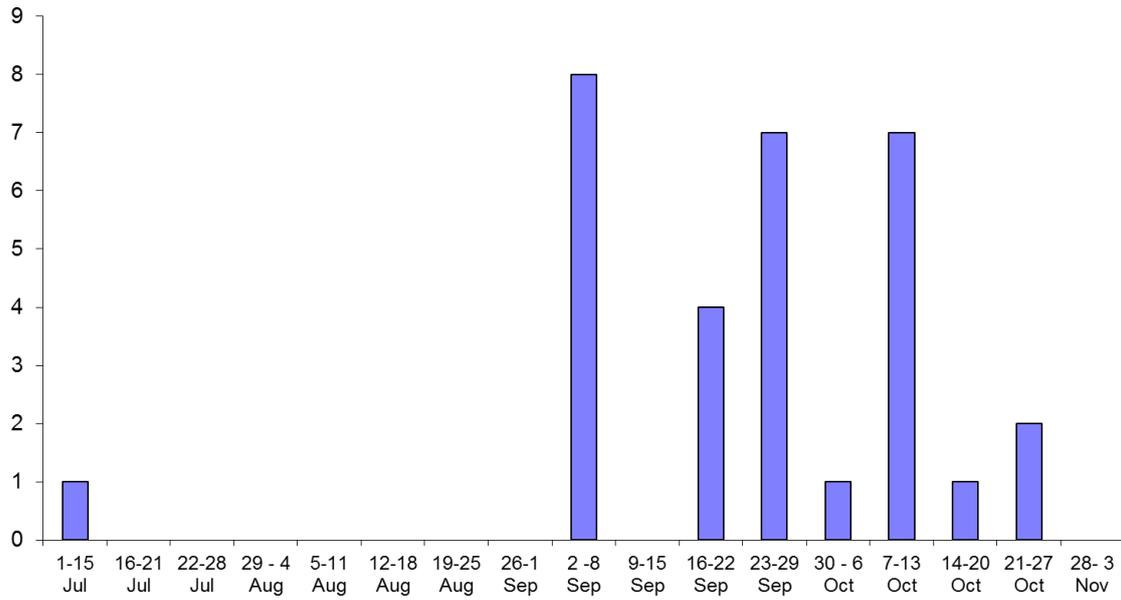


Figure 10. Counts of Whimbrels at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

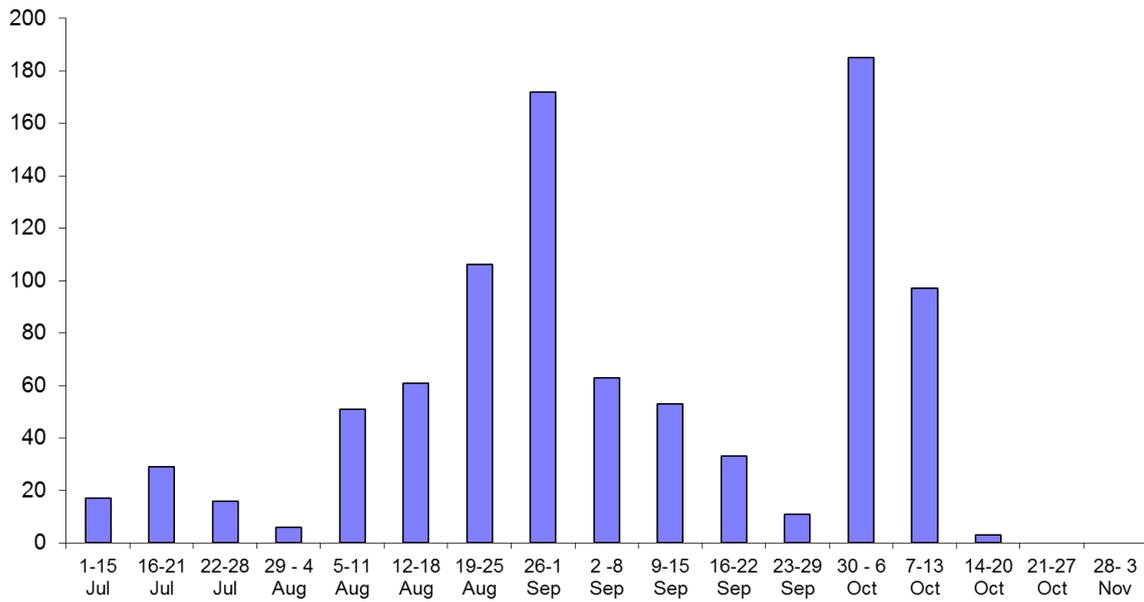


Figure 11. Counts of Eurasian Curlews at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

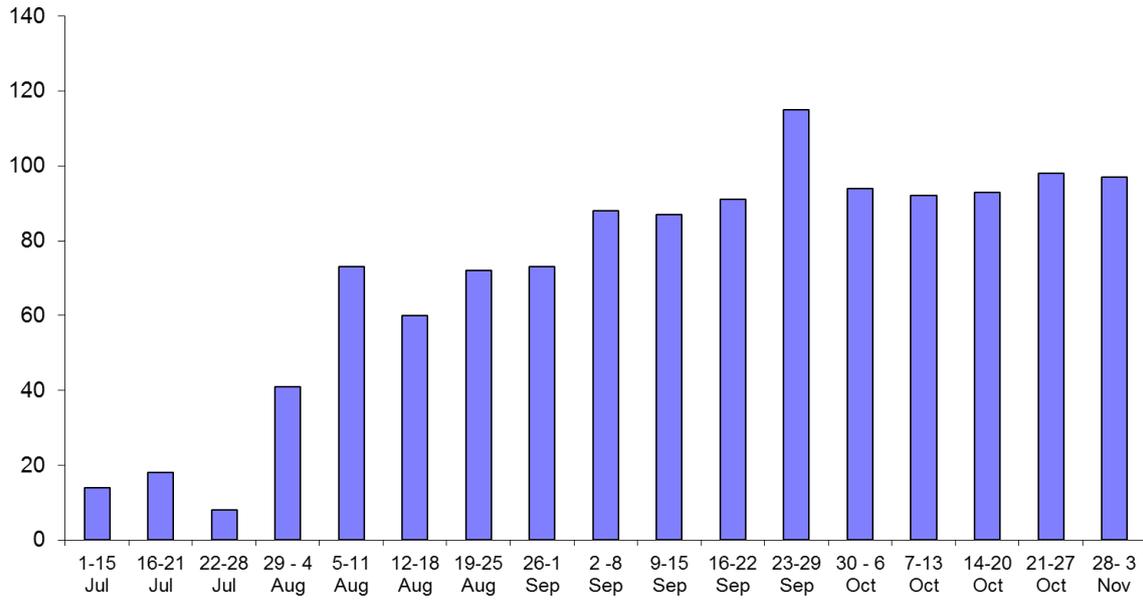


Figure 12. Counts of Spotted Redshanks at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

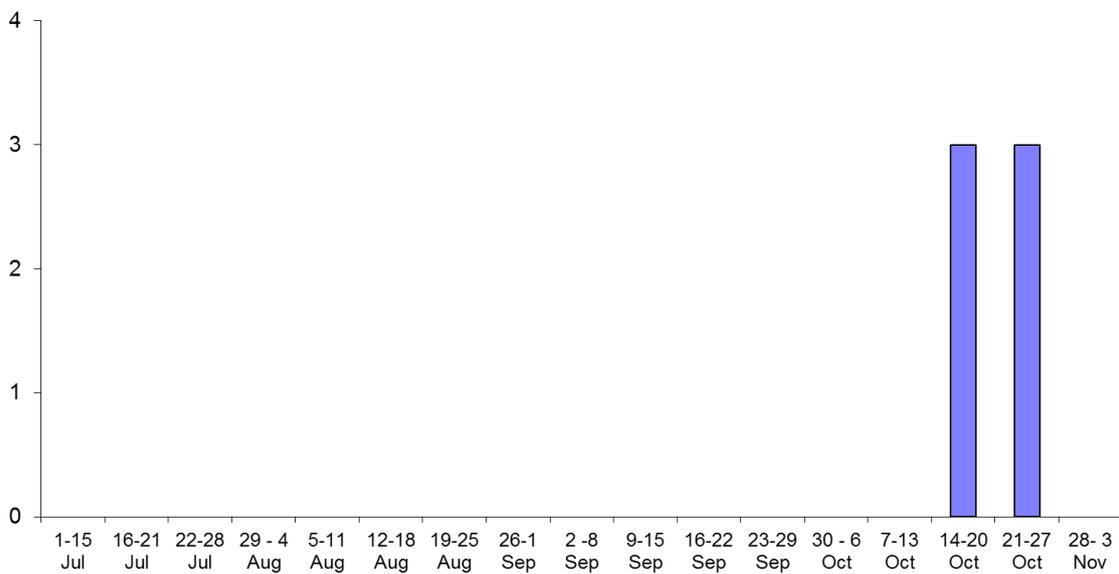


Figure 13. Counts of Common Redshanks at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

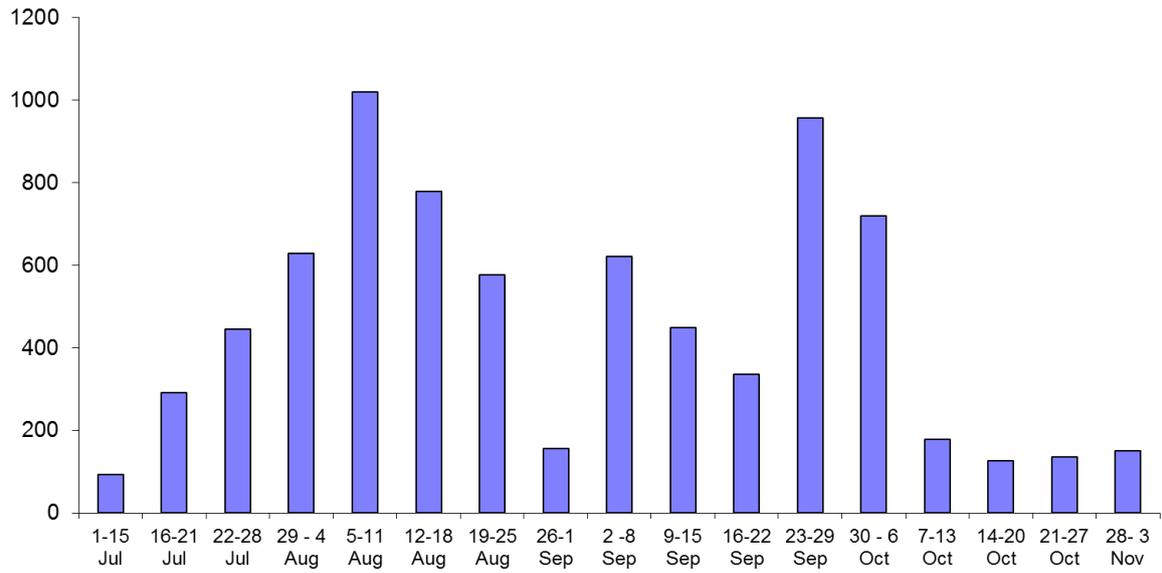


Figure 14. Counts of Marsh Sandpipers at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

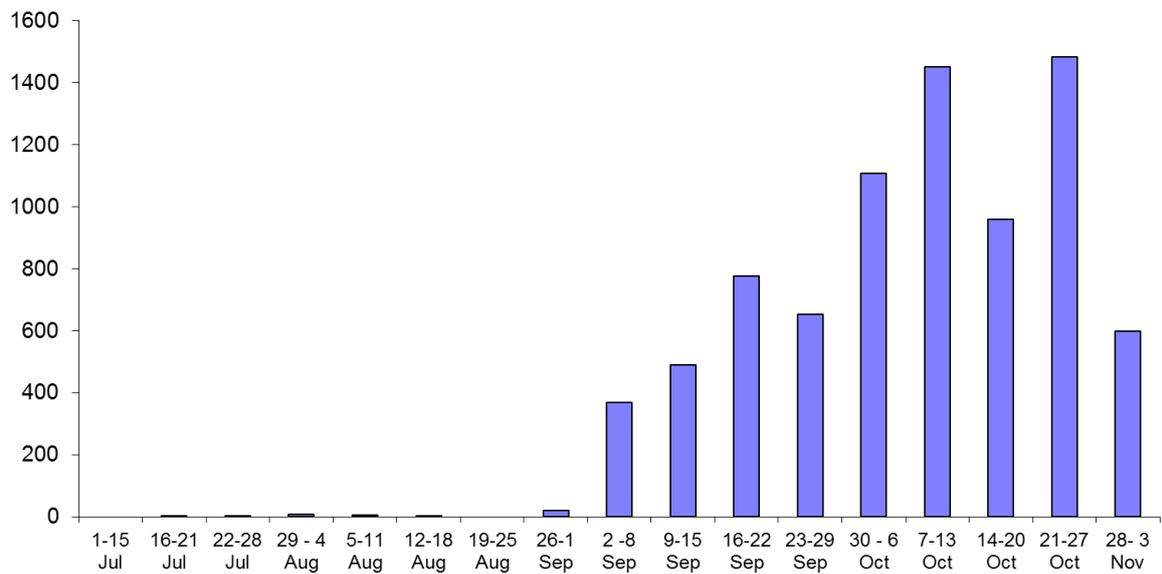


Figure 15. Counts of Common Greenshanks at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

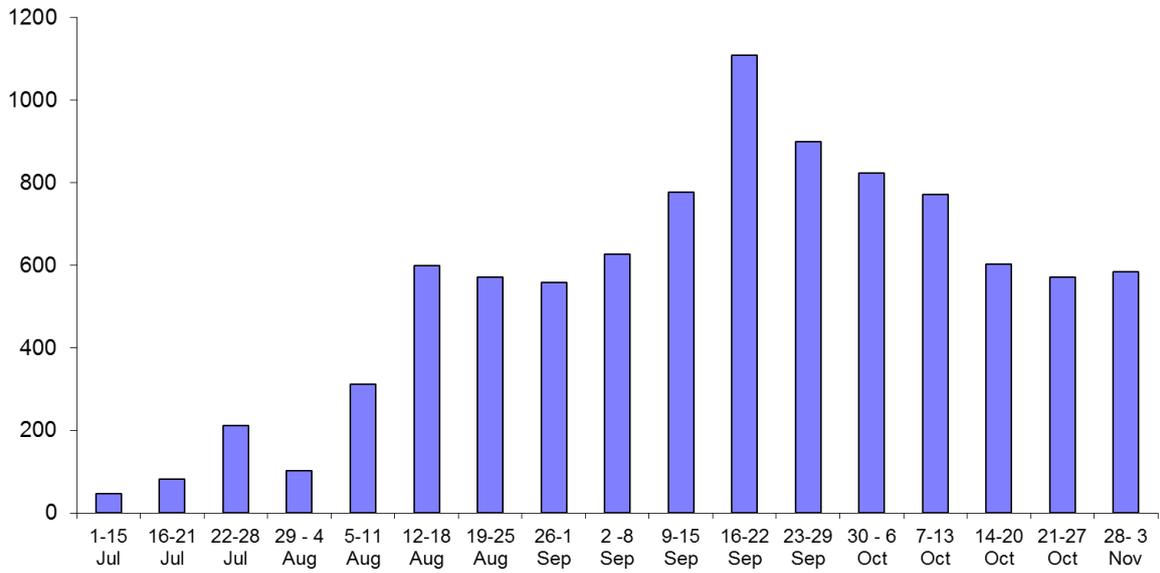


Figure 16. Counts of Wood Sandpipers at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

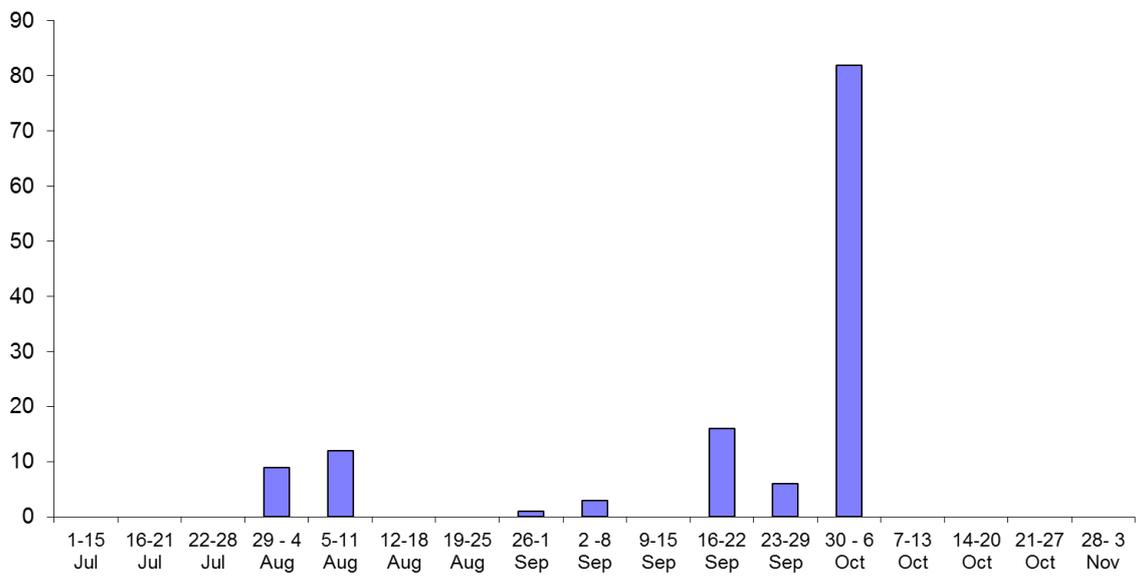


Figure 17. Counts of Great Knots at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

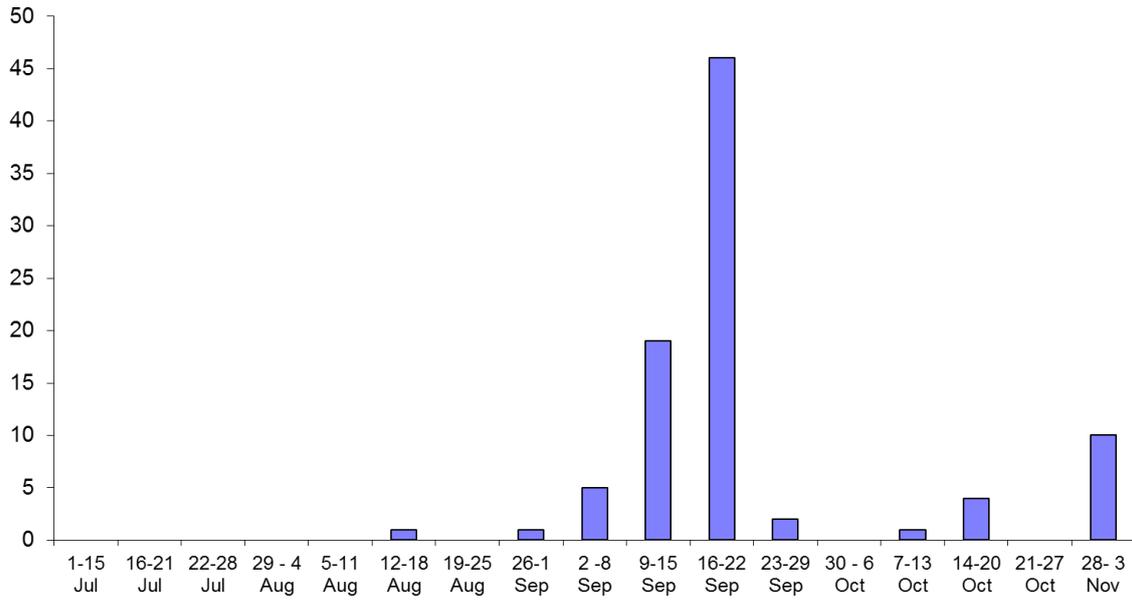


Figure 18. Counts of Red Knots at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

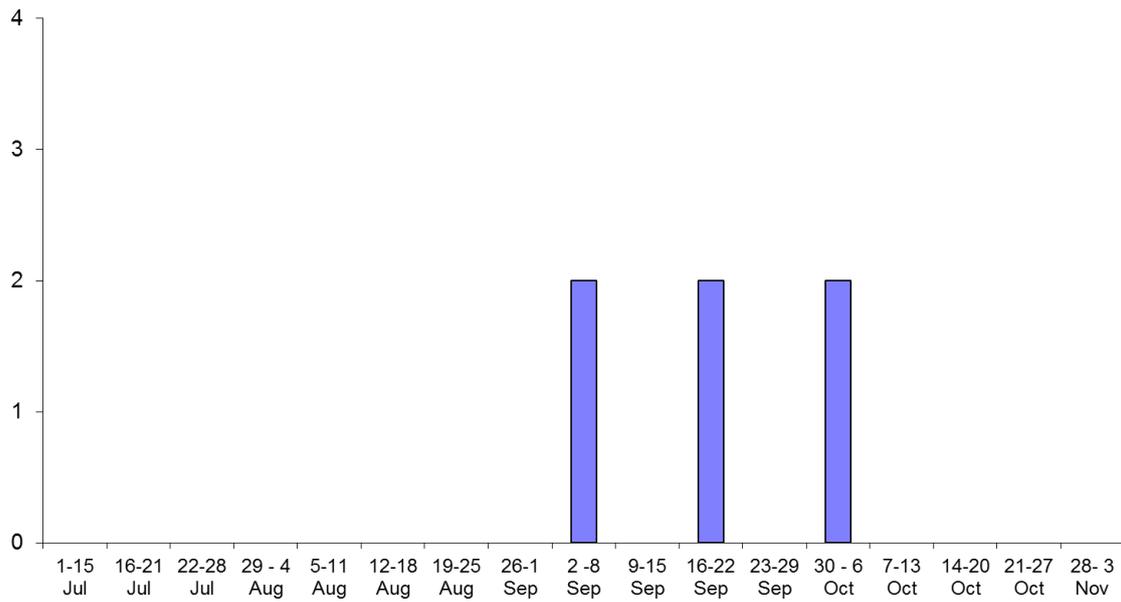


Figure 19. Counts of Broad-billed Sandpipers at Mai Po Inner Deep Bay Ramsar Site, autumn 2014

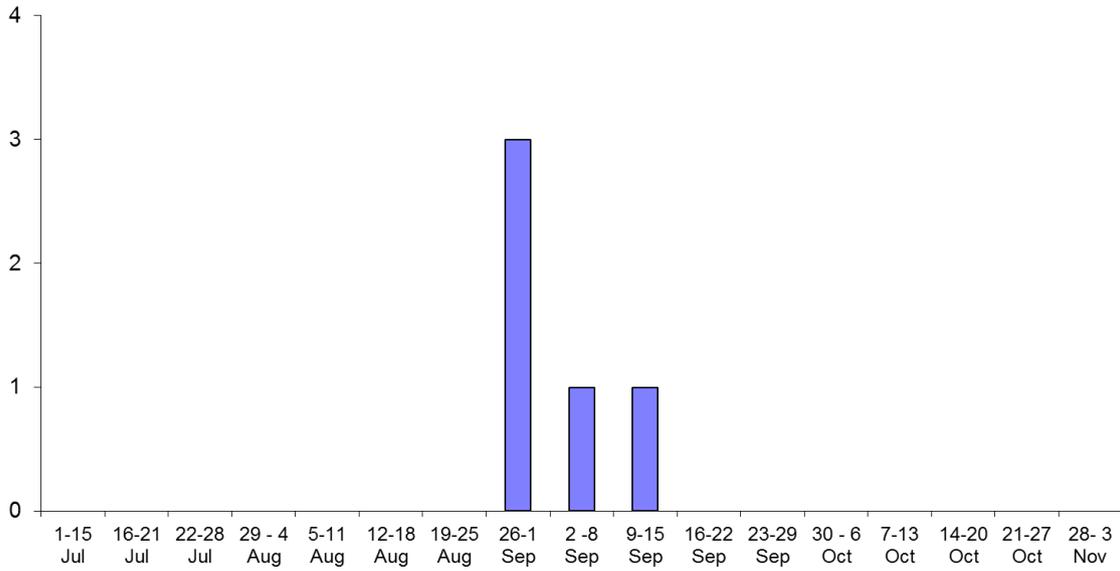


Figure 20. Total number of shorebirds recorded at Mai Po Inner Deep Bay, spring 2015

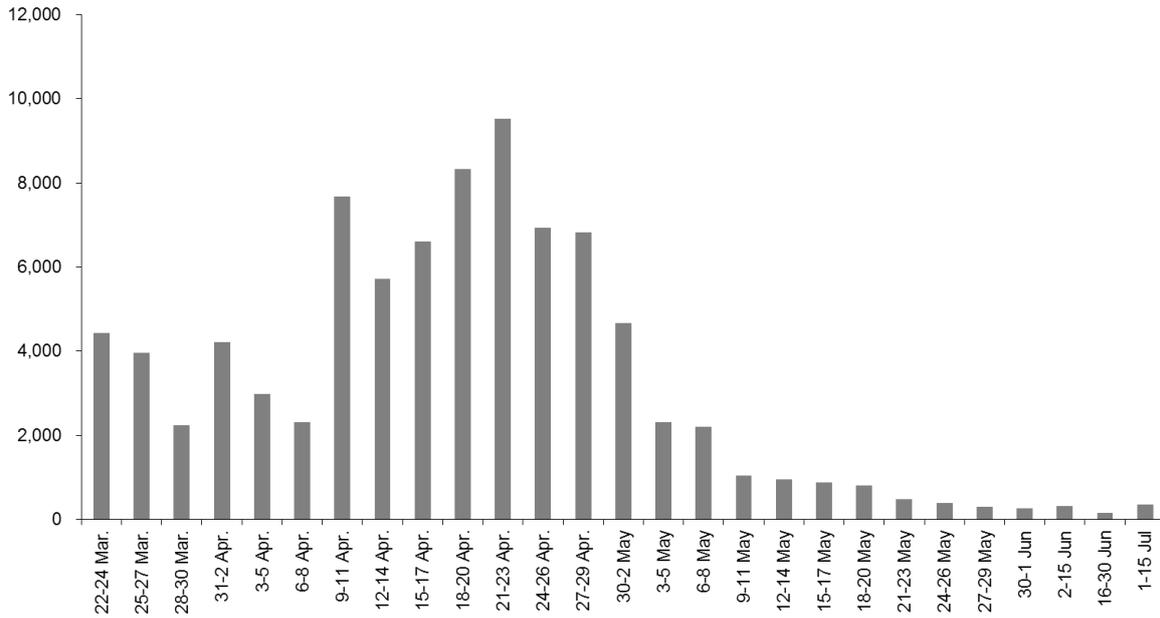


Figure 21. Counts of Pacific Golden Plovers at Mai Po Inner Deep Bay Ramsar Site, spring 2015

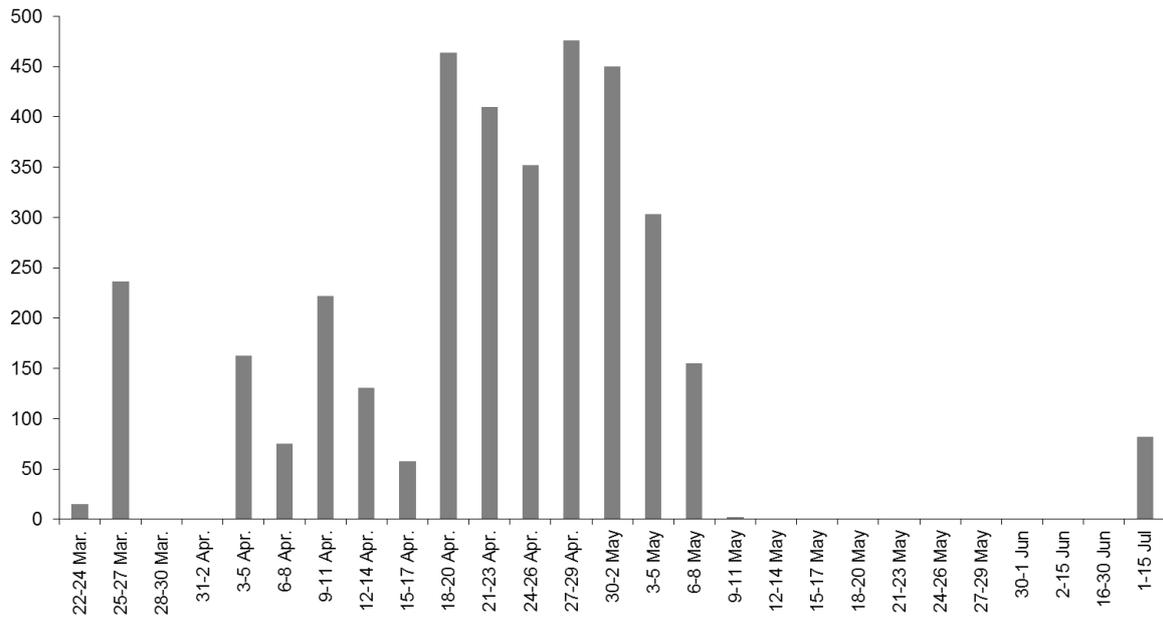


Figure 22. Counts of Lesser Sand Plovers at Mai Po Inner Deep Bay Ramsar Site, spring 2015

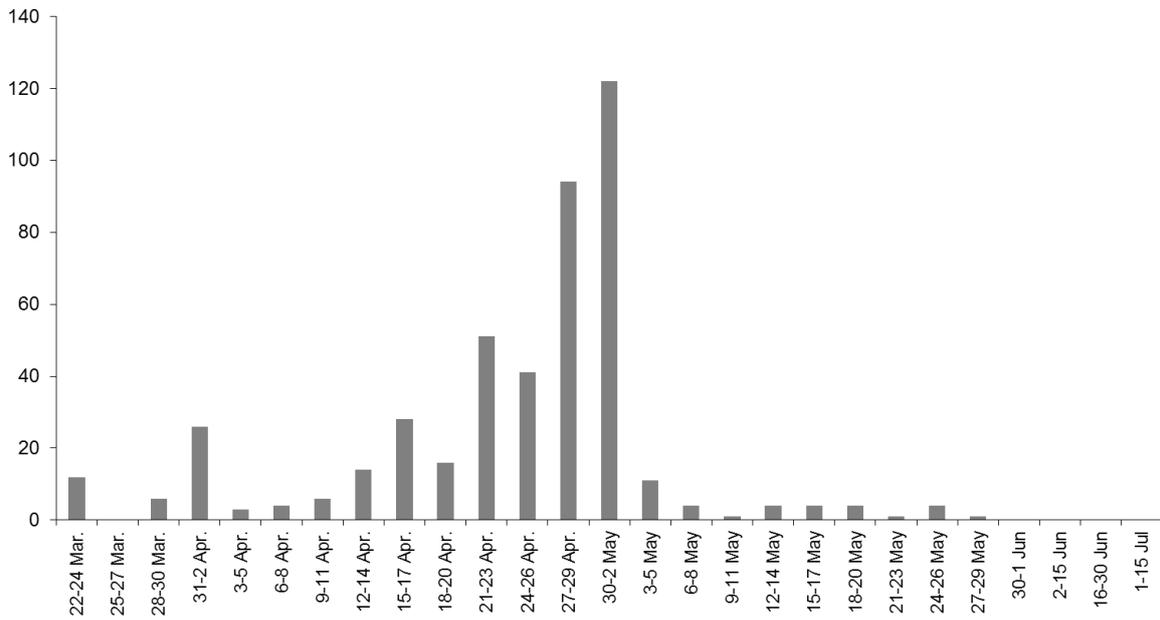


Figure 23. Counts of Greater Sand Plovers at Mai Po Inner Deep Bay Ramsar Site, spring 2015

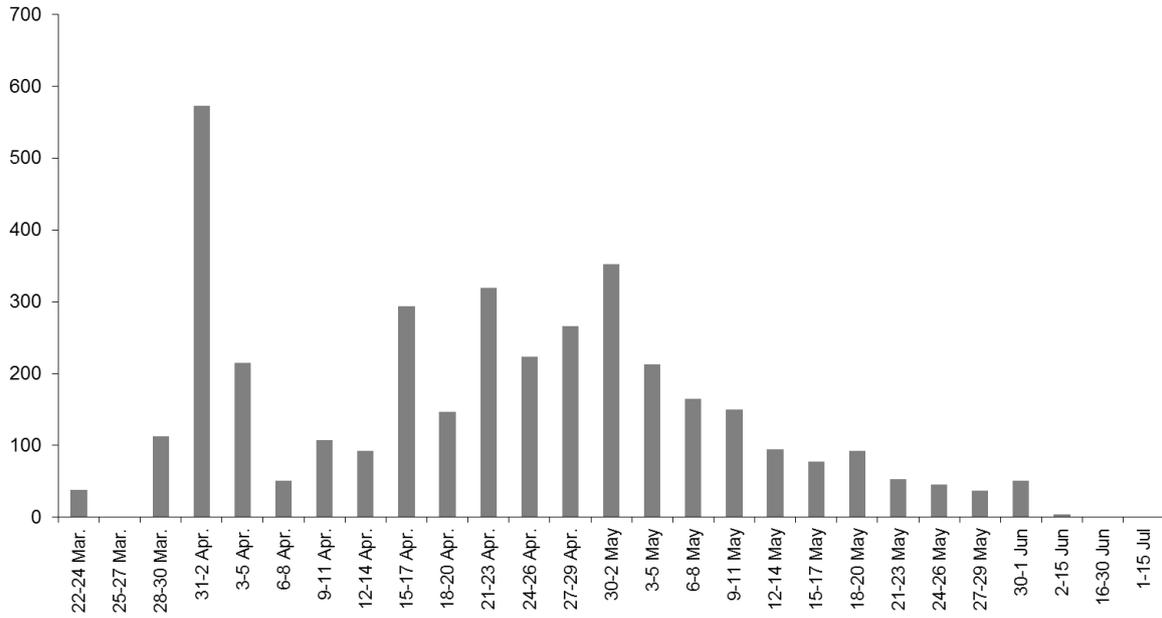


Figure 24. Counts of Black-tailed Godwits at Mai Po Inner Deep Bay Ramsar Site, spring 2015

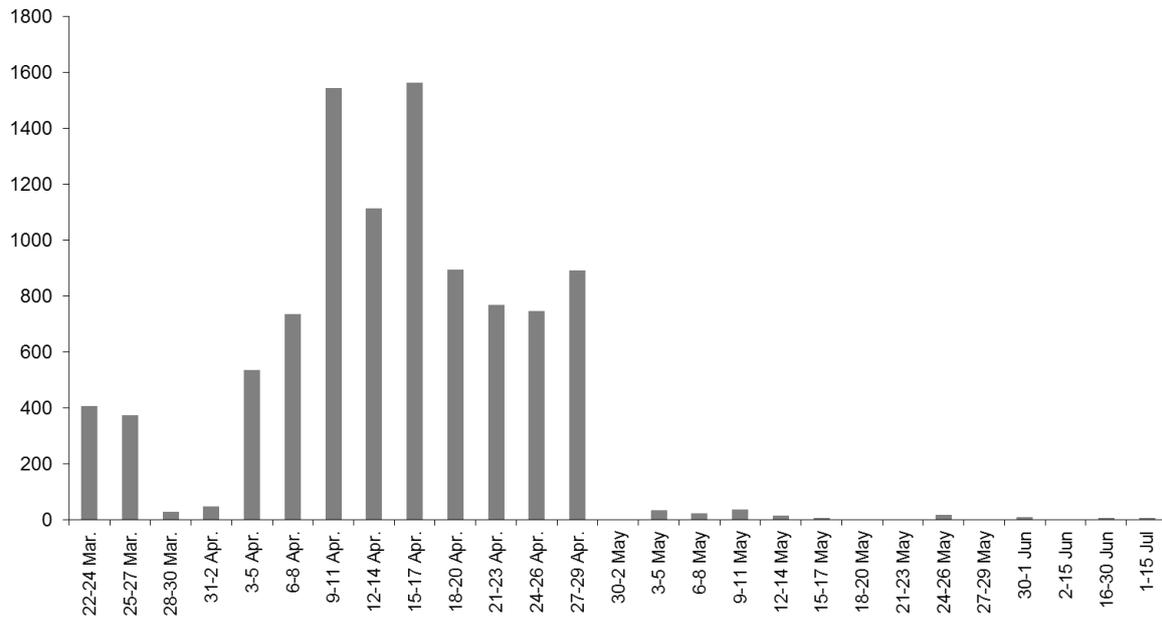


Figure 25. Counts of Spotted Redshanks at Mai Po Inner Deep Bay Ramsar Site, spring 2015

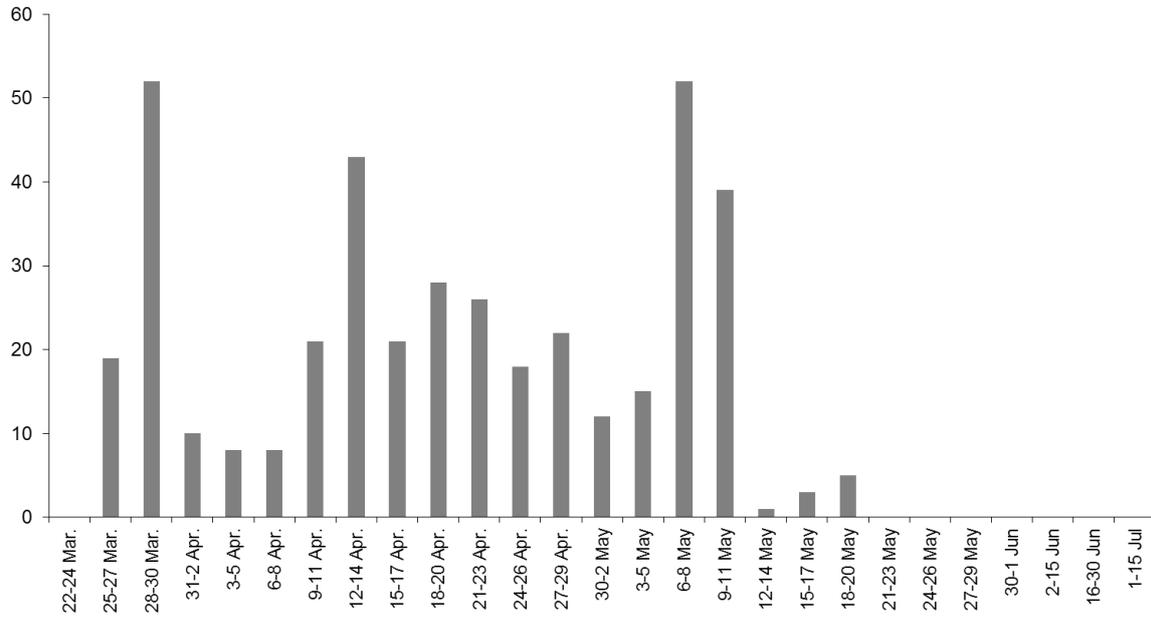


Figure 26. Counts of Common Redshanks at Mai Po Inner Deep Bay Ramsar Site, spring 2015

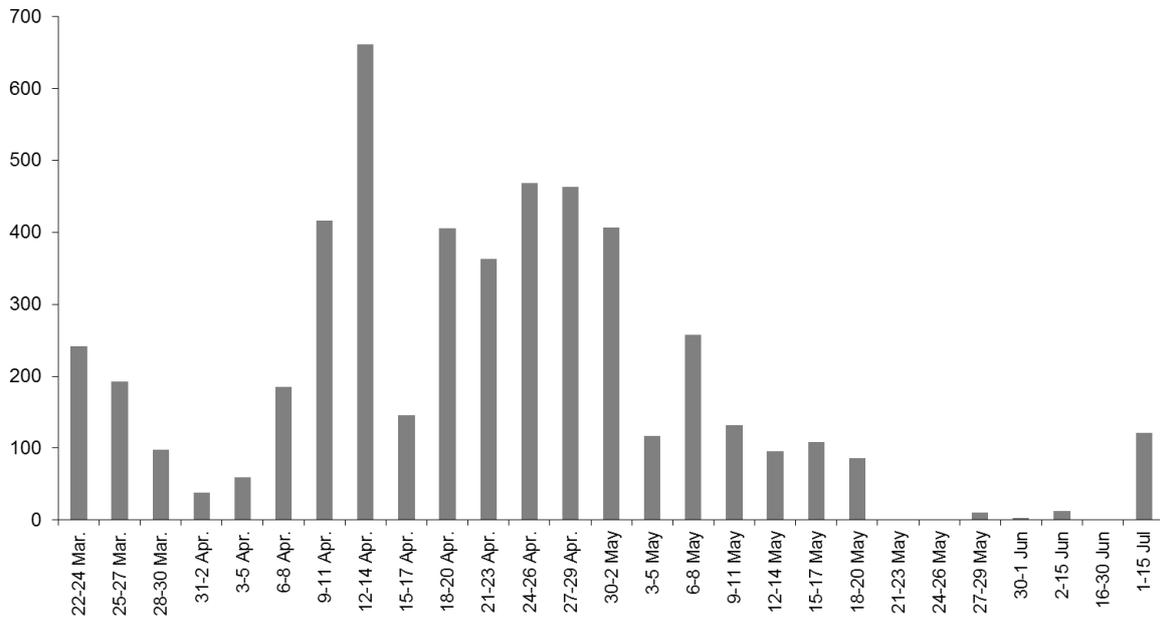


Figure 27. Counts of Marsh Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2015

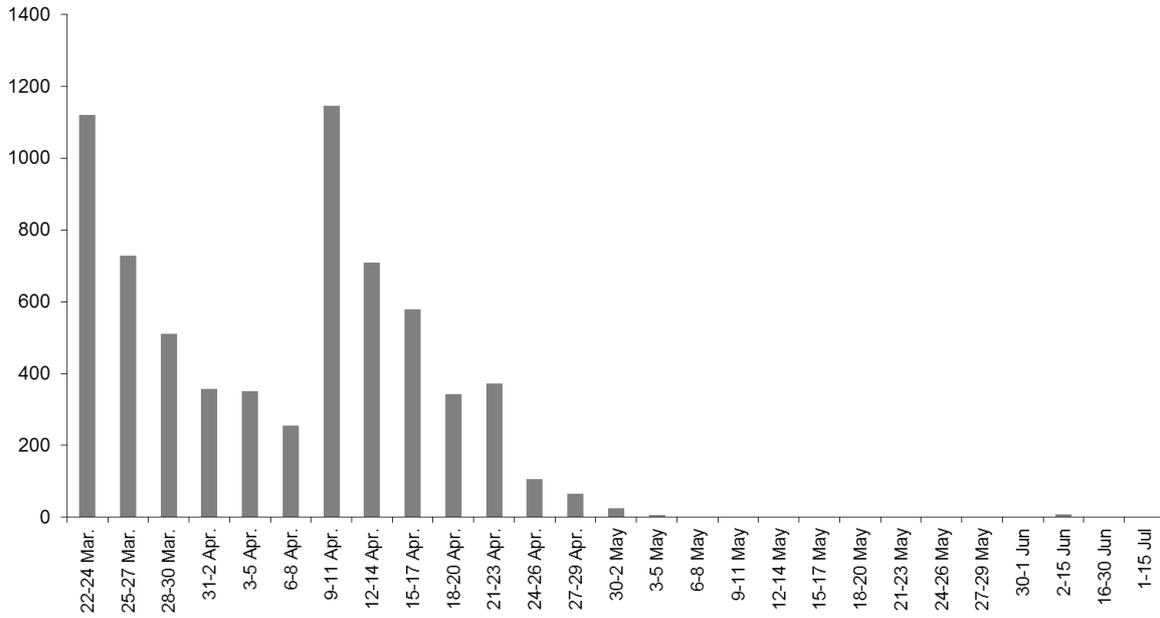


Figure 28. Counts of Common Greenshanks at Mai Po Inner Deep Bay Ramsar Site, spring 2015

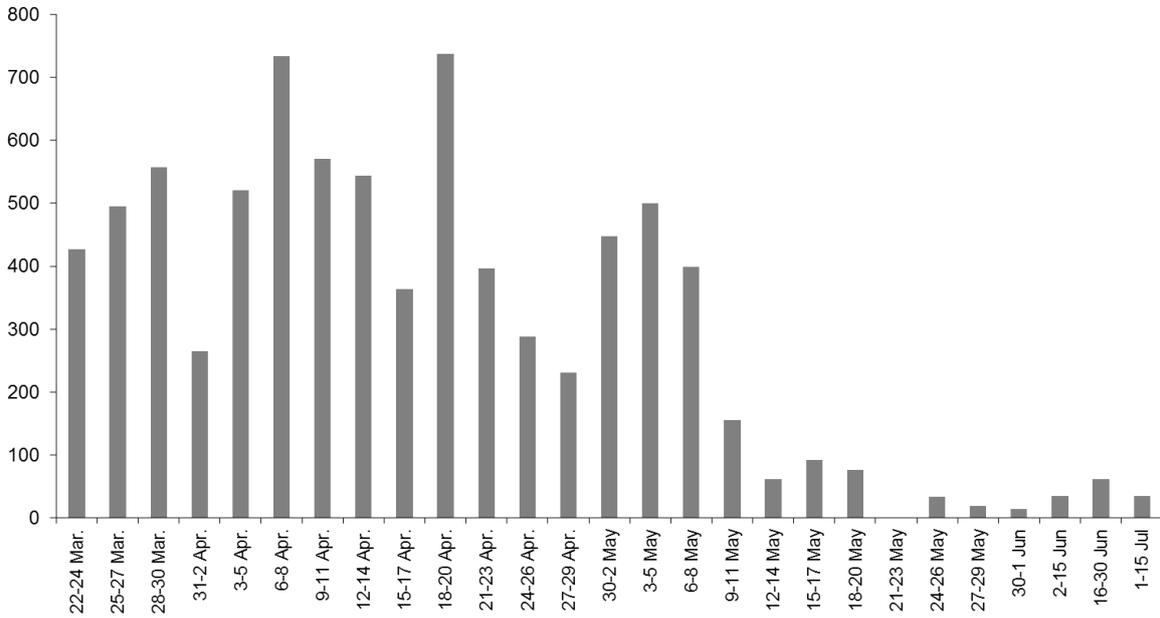


Figure 29. Counts of Terek Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2015

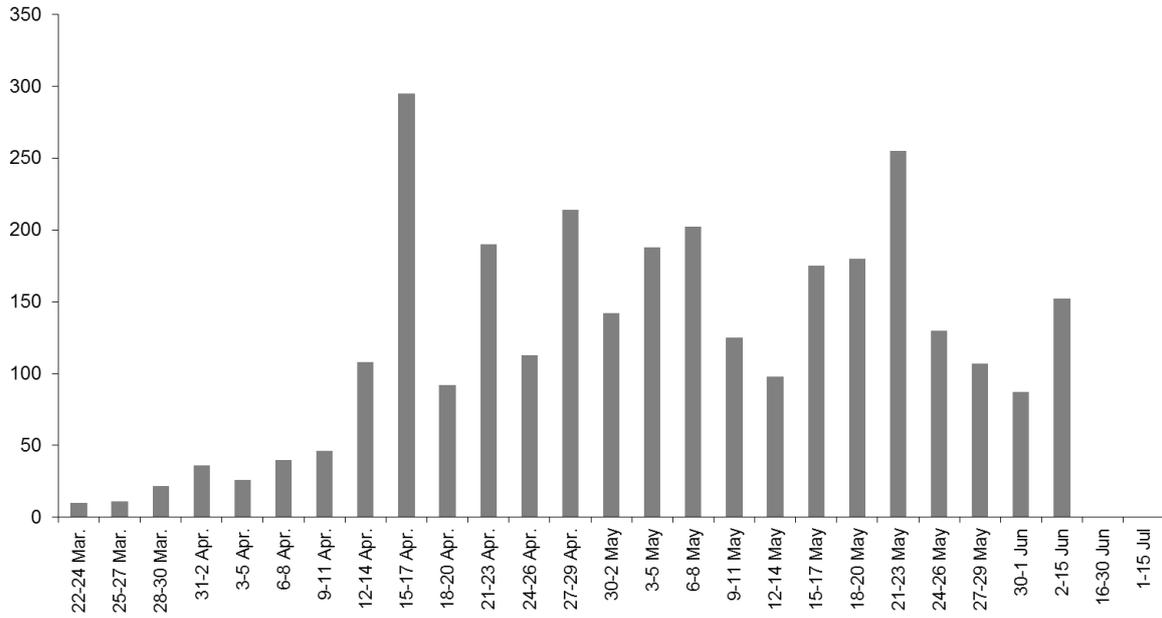


Figure 30. Counts of Grey-tailed Tattlers at Mai Po Inner Deep Bay Ramsar Site, spring 2015

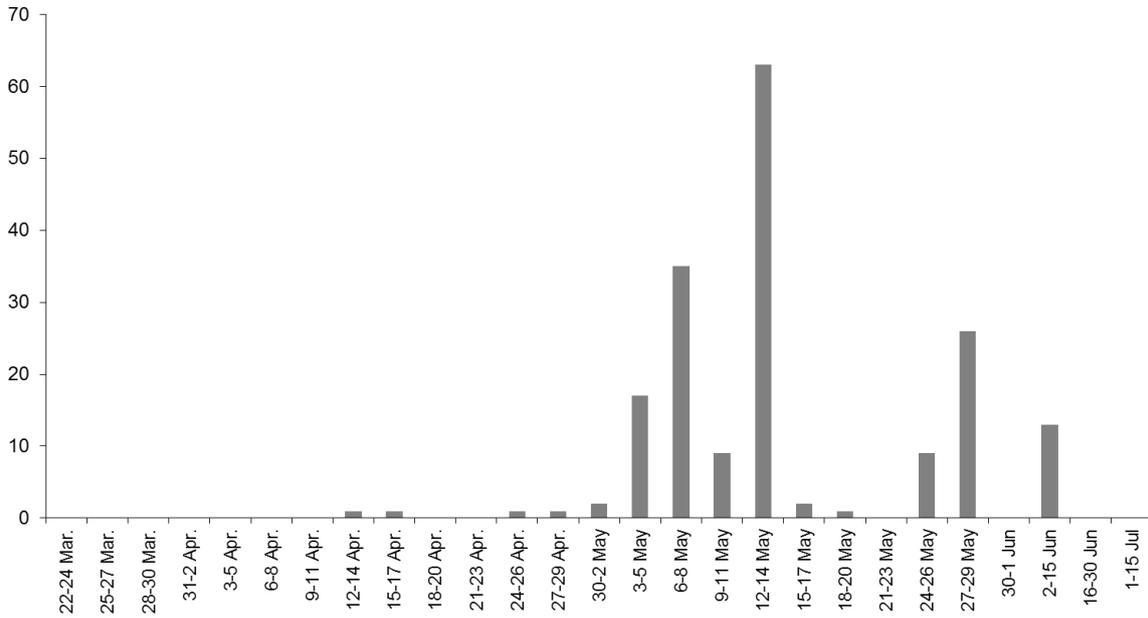


Figure 31. Counts of Ruddy Turnstones at Mai Po Inner Deep Bay Ramsar Site, spring 2015

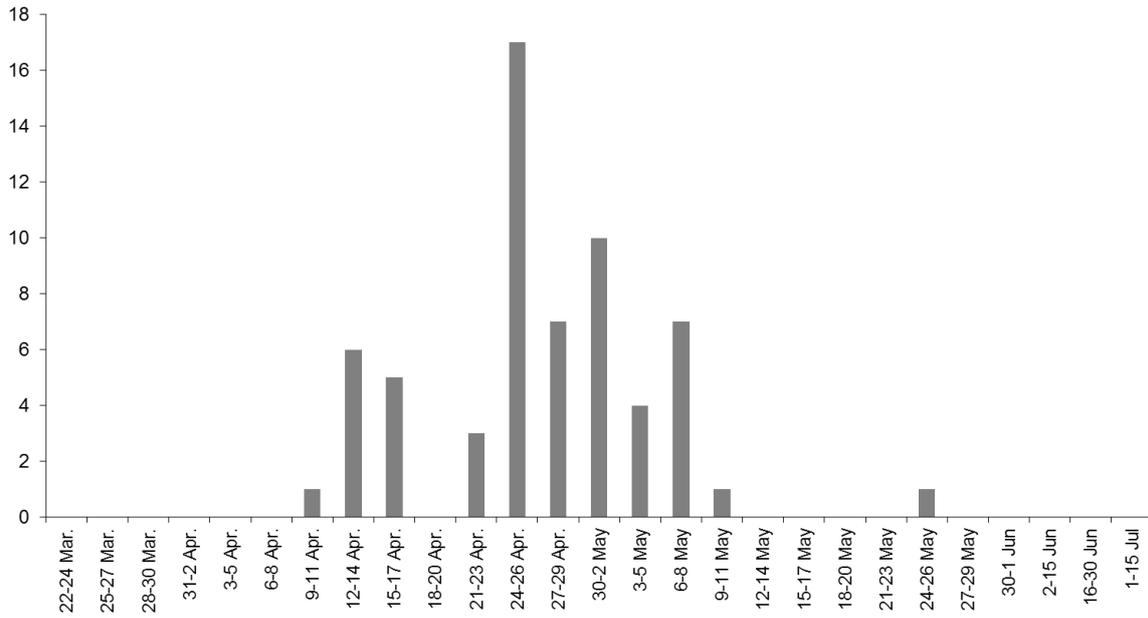


Figure 32. Counts of Asian Dowitchers at Mai Po Inner Deep Bay Ramsar Site, spring 2015

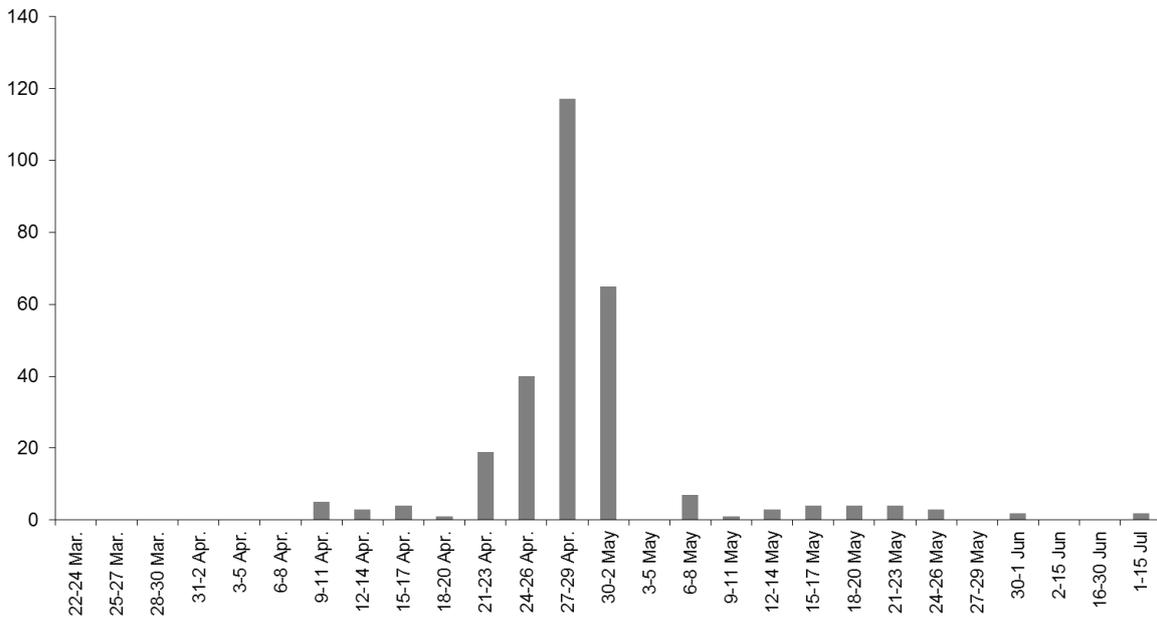


Figure 33. Counts of Red Knots at Mai Po Inner Deep Bay Ramsar Site, spring 2015

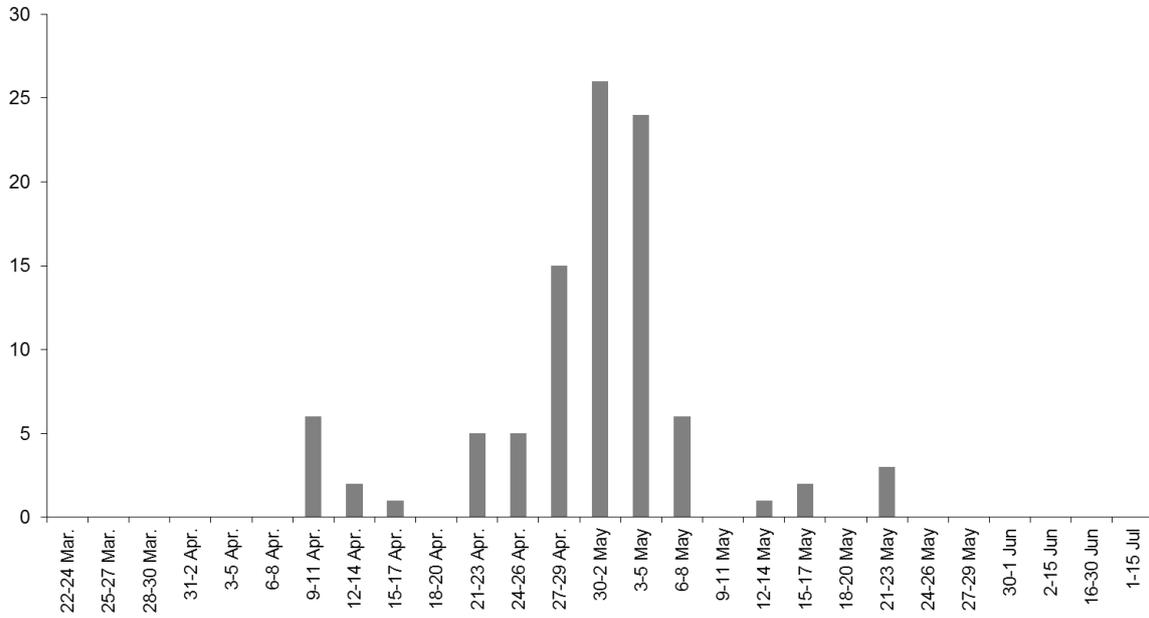


Figure 34. Counts of Great Knots at Mai Po Inner Deep Bay Ramsar Site, spring 2015

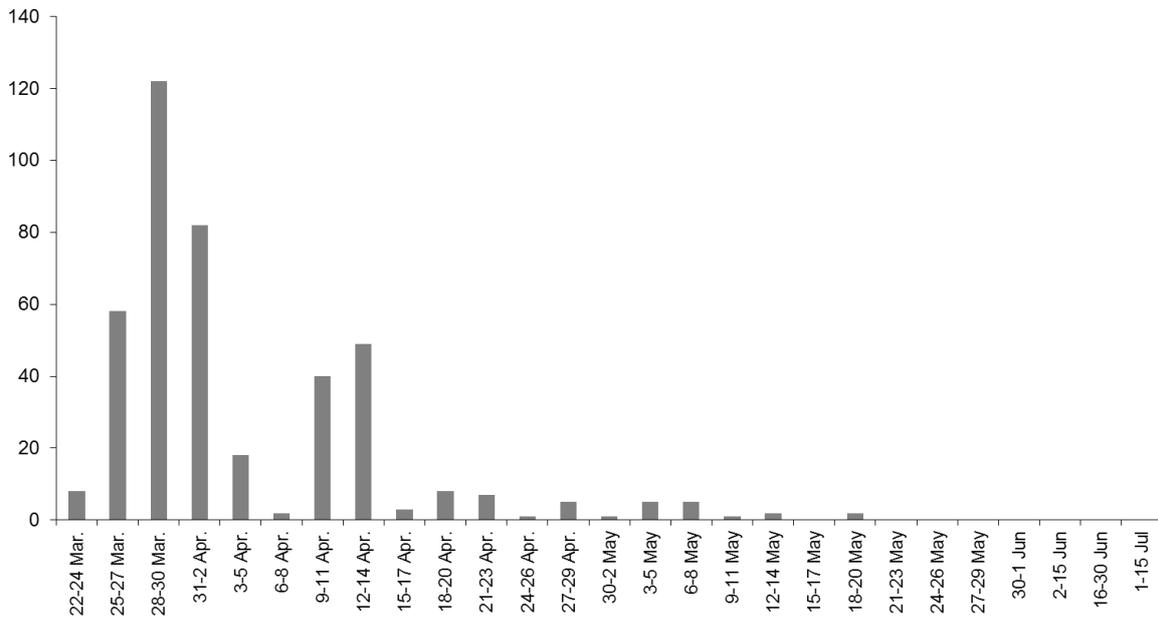


Figure 35. Counts of Red-necked Stints at Mai Po Inner Deep Bay Ramsar Site, spring 2015

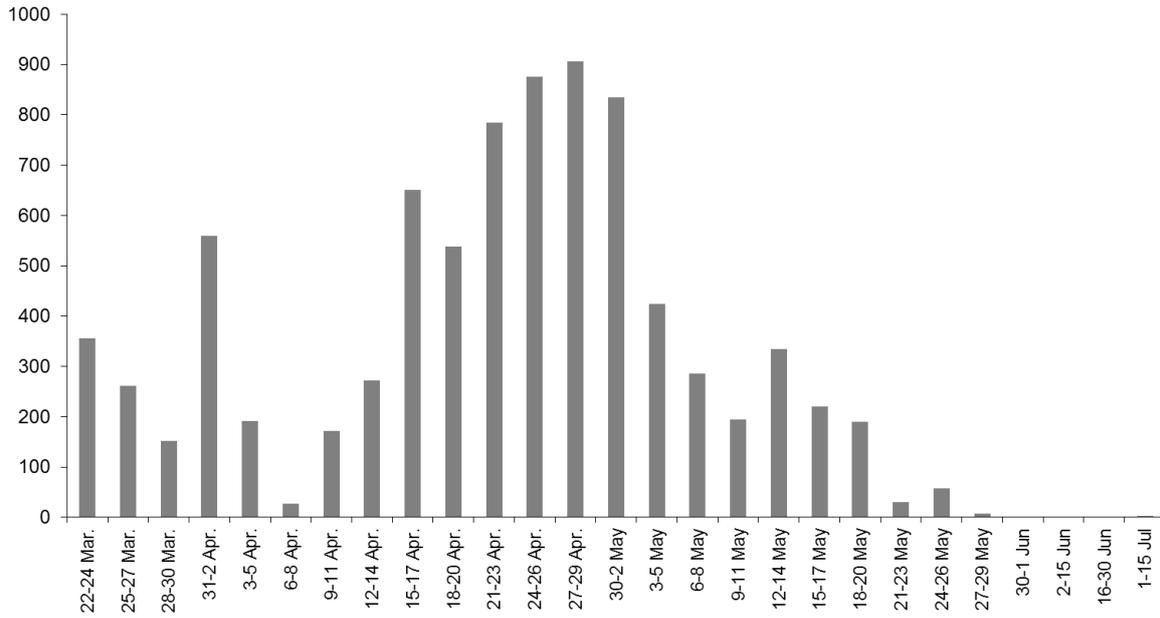


Figure 36. Counts of Sharp-tailed Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2015

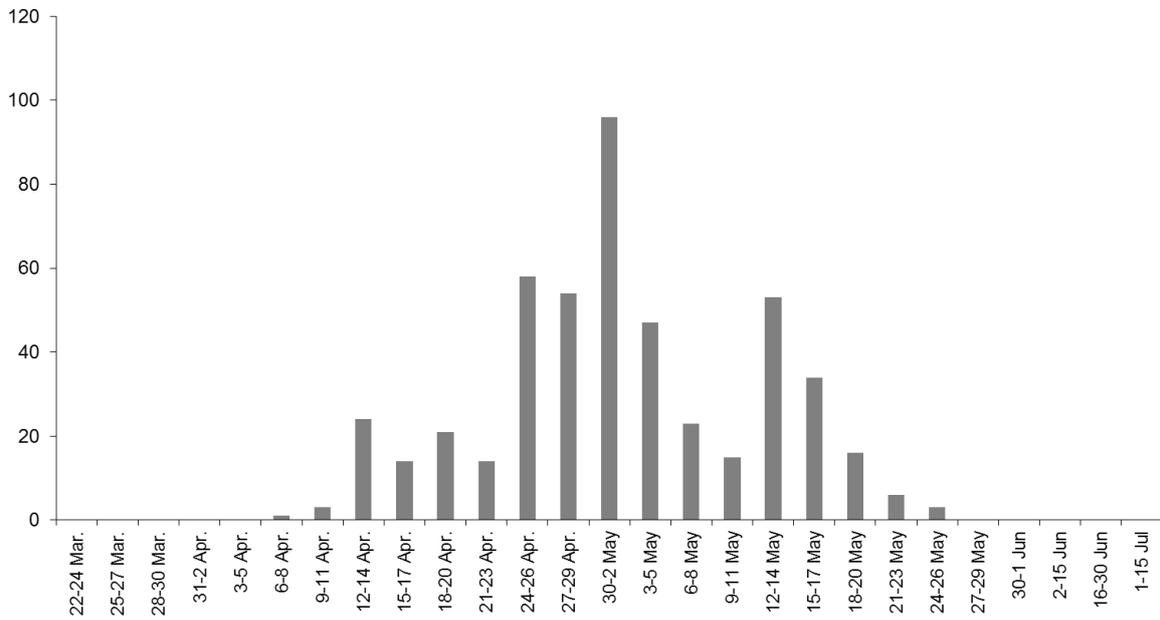


Figure 37. Counts of Curlew Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2015

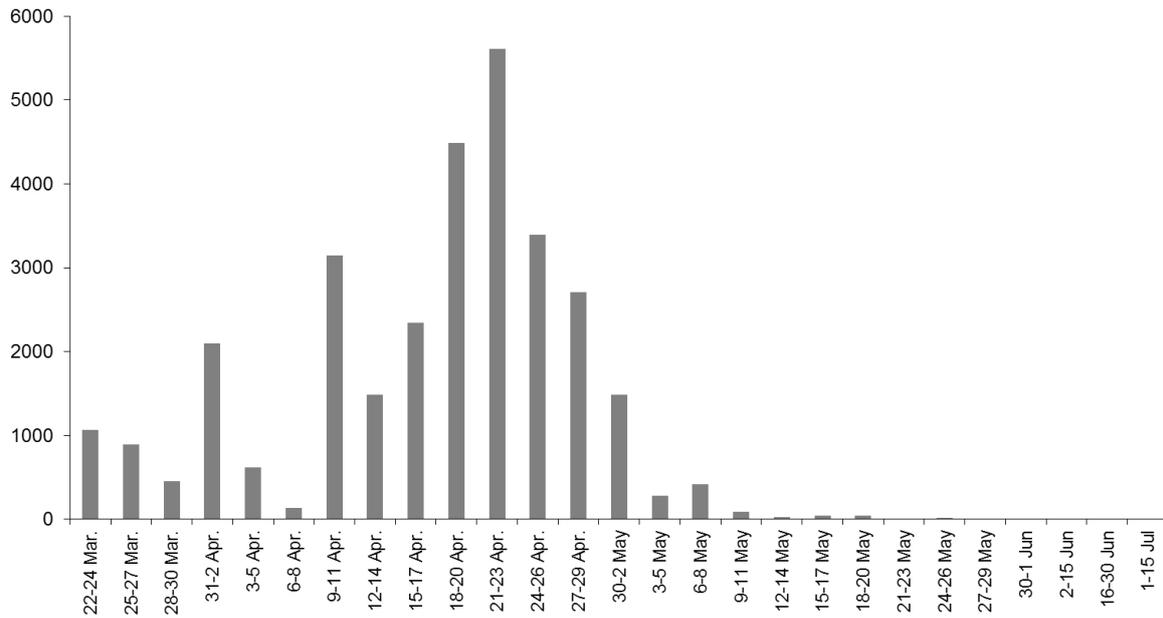
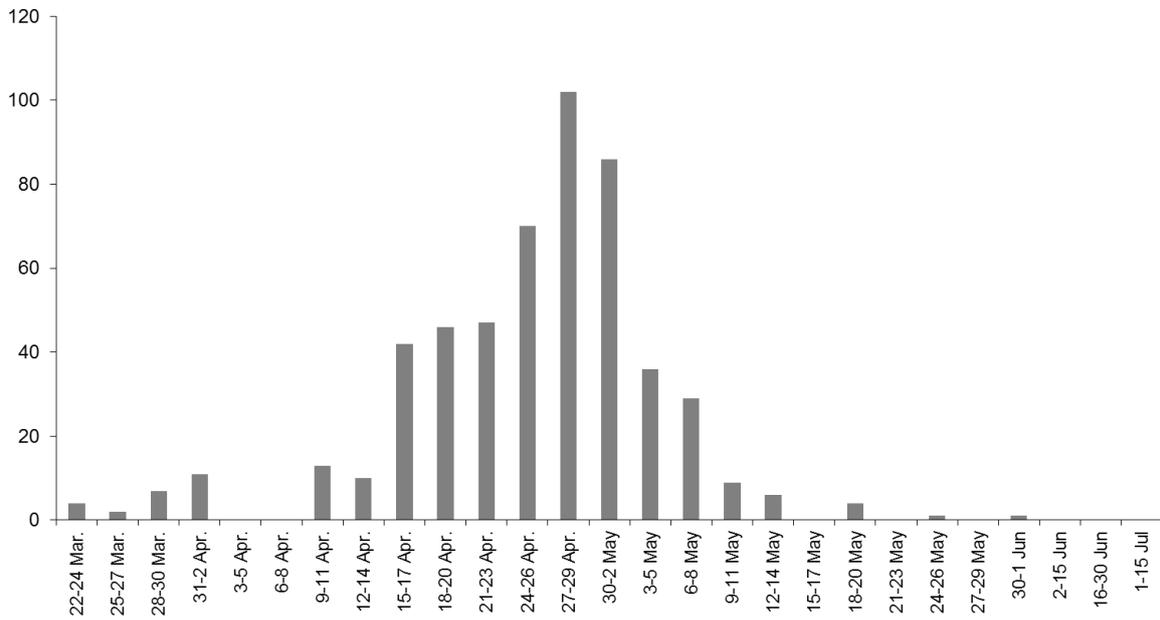


Figure 38. Counts of Broad-billed Sandpipers at Mai Po Inner Deep Bay Ramsar Site, spring 2015



**Mai Po Inner Deep Bay Ramsar Site
Waterbird Monitoring Programme 2014-15**

Shorebird Monitoring Report

Appendix 5

Sighting records of leg-flagged shorebirds in 2014-15.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

Sighting records of leg-flagged shorebirds from autumn 2014 to spring 2015.

Date	Source	Species	Breeding Plumage	Colour on Right Leg		Colour on Left Leg		Ringed Location
				Upper	Lower	Upper	Lower	
25-Jul-14	Shorebird count	Terek Sandpiper	Not noted	White	Yellow			Hong Kong, China
15-Aug-14	Casual observation from bird watcher	Grey-tailed Tattler	Not noted	White	Yellow			Hong Kong, China
22-Aug-14	Shorebird count	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
22-Aug-14	Shorebird count	Common Redshank	Not noted	White	Yellow			Hong Kong, China
24-Aug-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
27-Aug-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
27-Aug-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
30-Aug-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
30-Aug-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
30-Aug-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
30-Aug-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
30-Aug-14	Casual observation from bird watcher	Terek Sandpiper	Not noted	White	Yellow			Hong Kong, China
6-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
6-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
6-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
6-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
6-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
6-Sep-14	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
13-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
13-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
13-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
13-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
13-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
13-Sep-14	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
13-Sep-14	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
13-Sep-14	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
13-Sep-14	Casual observation from bird watcher	Terek Sandpiper	Not noted	White	Yellow			Hong Kong, China
19-Sep-14	Casual observation from bird watcher	Common Greenshank	Not noted	White	Yellow			Hong Kong, China
20-Sep-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
20-Sep-14	Casual observation from bird watcher	Common Greenshank	Not noted	White	Yellow			Hong Kong, China
21-Sep-14	Shorebird count	Common Redshank	Not noted	White	Yellow			Hong Kong, China
21-Sep-14	Shorebird count	Common Redshank	Not noted	White	Yellow			Hong Kong, China
21-Sep-14	Shorebird count	Common Redshank	Not noted	White	Yellow			Hong Kong, China
21-Sep-14	Shorebird count	Marsh Sandpiper	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	
21-Sep-14	Shorebird count	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
21-Sep-14	Shorebird count	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
22-Sep-14	Casual observation from bird watcher	Common Greenshank	Not noted	White	Yellow			Hong Kong, China
23-Sep-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
23-Sep-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
23-Sep-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
23-Sep-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
26-Sep-14	Casual observation from bird watcher	Black-winged Stilt	Not noted	White	Yellow			Hong Kong, China
26-Sep-14	Shorebird count	Common Greenshank	Not noted	White	Yellow			Hong Kong, China
26-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
26-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
26-Sep-14	Shorebird count	Common Redshank	Not noted	White	Yellow			Hong Kong, China
26-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
26-Sep-14	Shorebird count	Red-necked Stint	Not noted	White	Yellow			Hong Kong, China
28-Sep-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
28-Sep-14	Casual observation from bird watcher	Terek Sandpiper	Not noted	White	Yellow			Hong Kong, China
28-Sep-14	Casual observation from bird watcher	Terek Sandpiper	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Common Greenshank	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Greater Sand Plover	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Greater Sand Plover	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Kentish Plover	Not noted	Blue	Yellow			Bohai Bay, China
4-Oct-14	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Terek Sandpiper	Not noted	White	Yellow			Hong Kong, China
4-Oct-14	Casual observation from bird watcher	Terek Sandpiper	Not noted	White	Yellow			Hong Kong, China
5-Oct-14	Shorebird count	Common Redshank	Not noted	White	Yellow			Hong Kong, China
5-Oct-14	Shorebird count	Wood Sandpiper	Not noted	White	Yellow			Hong Kong, China
6-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
6-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
6-Oct-14	Casual observation from bird watcher	Black-tailed Godwit	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	
28-Jan-15	Casual observation from bird watcher	Eurasian Curlew	Not noted	White	Yellow			Hong Kong, China
28-Jan-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
28-Jan-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
28-Jan-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
28-Jan-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
28-Jan-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
28-Jan-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
28-Jan-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
28-Jan-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
2-Feb-15	Casual observation from bird watcher	Eurasian Curlew	Not noted	White	Yellow			Hong Kong, China
2-Feb-15	Casual observation from bird watcher	Eurasian Curlew	Not noted	White	Yellow			Hong Kong, China
9-Feb-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
9-Feb-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
9-Feb-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
9-Feb-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
11-Feb-15	Shorebird count	Great Knot	Not noted	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
21-Feb-15	Casual observation from bird watcher	Eurasian Curlew	Not noted	White	Yellow			Hong Kong, China
21-Feb-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
21-Feb-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
21-Feb-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
24-Feb-15	Casual observation from bird watcher	Great Knot	Not noted	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
24-Feb-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
24-Feb-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
24-Feb-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
5-Mar-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
5-Mar-15	Casual observation from bird watcher	Great Knot	Not noted	White	Yellow			Hong Kong, China
5-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
5-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
5-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
5-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
5-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
7-Mar-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
11-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
13-Mar-15	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
13-Mar-15	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
13-Mar-15	Casual observation from bird watcher	Great Knot	Not noted	White	Yellow			Hong Kong, China
13-Mar-15	Casual observation from bird watcher	Grey Plover	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	
13-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
15-Mar-15	Casual observation from bird watcher	Common Redshank	0	White	Yellow			Hong Kong, China
15-Mar-15	Casual observation from bird watcher	Grey Plover	0	White	Yellow			Hong Kong, China
19-Mar-15	Casual observation from bird watcher	Great Knot	Not noted	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
19-Mar-15	Casual observation from bird watcher	Terek Sandpiper	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Kentish Plover	100	Blue	Yellow			Bohai Bay, China
21-Mar-15	Casual observation from bird watcher	Pacific Golden Plover	Not noted	White	Yellow			Hong Kong, China
21-Mar-15	Casual observation from bird watcher	Pacific Golden Plover	Not noted	White	Yellow			Hong Kong, China
22-Mar-15	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
22-Mar-15	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
22-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
22-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
22-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
22-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
22-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
22-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
22-Mar-15	Casual observation from bird watcher	Grey Plover	Not noted	White	Yellow			Hong Kong, China
23-Mar-15	Shorebird count	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
23-Mar-15	Shorebird count	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
23-Mar-15	Shorebird count	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
23-Mar-15	Shorebird count	Great Knot	Not noted	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
23-Mar-15	Shorebird count	Grey Plover	Not noted	White	Yellow			Hong Kong, China
23-Mar-15	Shorebird count	Grey Plover	Not noted	White	Yellow			Hong Kong, China
23-Mar-15	Shorebird count	Grey Plover	Not noted	White	Yellow			Hong Kong, China
23-Mar-15	Shorebird count	Grey Plover	Not noted	White	Yellow			Hong Kong, China
25-Mar-15	Shorebird count	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
25-Mar-15	Shorebird count	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
25-Mar-15	Shorebird count	Curlew Sandpiper	50	White	Yellow			Hong Kong, China

Date	Source	Species	Breeding Plumage	Colour on Right Leg		Colour on Left Leg		Ringed Location
				Upper	Lower	Upper	Lower	
25-Mar-15	Shorebird count	Grey Plover	Not noted	White	Yellow			Hong Kong, China
25-Mar-15	Shorebird count	Grey Plover	Not noted	White	Yellow			Hong Kong, China
26-Mar-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Blue			Taiwan, China
28-Mar-15	Shorebird count	Common Greenshank	Not noted	White	Yellow			Hong Kong, China
28-Mar-15	Shorebird count	Common Redshank	Not noted	White	Yellow			Hong Kong, China
1-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
1-Apr-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	White	Yellow			Hong Kong, China
3-Apr-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
3-Apr-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
3-Apr-15	Casual observation from bird watcher	Common Redshank	100	White	Yellow			Hong Kong, China
3-Apr-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
3-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
3-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
3-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
3-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia
3-Apr-15	Casual observation from bird watcher	Great Knot	100	Yellow				N Western Australia, Australia
3-Apr-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
4-Apr-15	Casual observation from bird watcher	Black-tailed Godwit	Not noted	White	Yellow			Hong Kong, China
4-Apr-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
4-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	25	Orange				Victoria, Australia
4-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	75	Orange				Victoria, Australia
4-Apr-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	Yellow				N Western Australia, Australia
4-Apr-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	White	Blue			Taiwan, China
4-Apr-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
4-Apr-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
4-Apr-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Blue			Taiwan, China
4-Apr-15	Casual observation from bird watcher	Red-necked Stint	25	Yellow	White			Sakhalin Island, Russia
6-Apr-15	Shorebird count	Black-tailed Godwit	0	White	Yellow			Hong Kong, China
6-Apr-15	Shorebird count	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
9-Apr-15	Casual observation from bird watcher	Black-tailed Godwit	100	White	Yellow			Hong Kong, China
9-Apr-15	Shorebird count	Curlew Sandpiper	75	White	Yellow			Hong Kong, China
9-Apr-15	Shorebird count	Curlew Sandpiper	75	Orange				Victoria, Australia
9-Apr-15	Shorebird count	Great Knot	Not noted	White				Unknown
9-Apr-15	Shorebird count	Pied Avocet	Not noted	White	Yellow			Hong Kong, China
10-Apr-15	Casual observation from bird watcher	Bar-tailed Godwit	100					Unknown
10-Apr-15	Casual observation from bird watcher	Bar-tailed Godwit	100	Yellow & Green	Red	Yellow	Green	Unknown
10-Apr-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	Yellow				N Western Australia, Australia

Date	Source	Species	Breeding Plumage	Colour on Right Leg		Colour on Left Leg		Ringed Location
				Upper	Lower	Upper	Lower	
10-Apr-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
11-Apr-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
11-Apr-15	Casual observation from bird watcher	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
12-Apr-15	Shorebird count	Bar-tailed Godwit	0	Yellow				N Western Australia, Australia
12-Apr-15	Shorebird count	Bar-tailed Godwit	75	White	Yellow	Yellow & White	Red	Unknown
12-Apr-15	Casual observation from bird watcher	Black-tailed Godwit	100	White	Yellow			Hong Kong, China
12-Apr-15	Shorebird count	Black-tailed Godwit	0	White	Yellow			Hong Kong, China
12-Apr-15	Shorebird count	Black-tailed Godwit	0	White	Yellow			Hong Kong, China
12-Apr-15	Shorebird count	Common Redshank	75	White	Yellow			Hong Kong, China
12-Apr-15	Casual observation from bird watcher	Common Redshank	50	White	Yellow			Hong Kong, China
12-Apr-15	Casual observation from bird watcher	Common Redshank	25	White	Yellow			Hong Kong, China
12-Apr-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
12-Apr-15	Shorebird count	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
12-Apr-15	Shorebird count	Curlew Sandpiper	0	White	Yellow			Hong Kong, China
12-Apr-15	Shorebird count	Curlew Sandpiper	100	White	Yellow			Hong Kong, China
12-Apr-15	Shorebird count	Curlew Sandpiper	50	Yellow				N Western Australia, Australia
12-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	75	Yellow				N Western Australia, Australia
12-Apr-15	Shorebird count	Curlew Sandpiper	100	Yellow				N Western Australia, Australia
12-Apr-15	Shorebird count	Curlew Sandpiper	100	Orange				Victoria, Australia
12-Apr-15	Shorebird count	Curlew Sandpiper	100	Orange				Victoria, Australia
12-Apr-15	Casual observation from bird watcher	Greater Sand Plover	0	White	Yellow			Hong Kong, China
12-Apr-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	Yellow				N Western Australia, Australia
12-Apr-15	Shorebird count	Greater Sand Plover	25	Yellow				N Western Australia, Australia
12-Apr-15	Casual observation from bird watcher	Spotted Redshank	50	White	Yellow			Hong Kong, China
14-Apr-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	Yellow				N Western Australia, Australia
16-Apr-15	Shorebird count	Common Redshank	0	White	Yellow			Hong Kong, China
16-Apr-15	Shorebird count	Common Redshank	50	White	Yellow			Hong Kong, China
16-Apr-15	Shorebird count	Curlew Sandpiper	50	White	Yellow			Hong Kong, China
16-Apr-15	Shorebird count	Curlew Sandpiper	75	Yellow				N Western Australia, Australia
16-Apr-15	Shorebird count	Curlew Sandpiper	50	Yellow				N Western Australia, Australia
16-Apr-15	Shorebird count	Curlew Sandpiper	75	Yellow				N Western Australia, Australia
16-Apr-15	Shorebird count	Curlew Sandpiper	75	Yellow				N Western Australia, Australia
16-Apr-15	Shorebird count	Curlew Sandpiper	75	Yellow				N Western Australia, Australia
16-Apr-15	Shorebird count	Curlew Sandpiper	75	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
16-Apr-15	Shorebird count	Curlew Sandpiper	0	Orange				Victoria, Australia
16-Apr-15	Shorebird count	Marsh Sandpiper	50	White	Yellow			Hong Kong, China
16-Apr-15	Shorebird count	Marsh Sandpiper	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	
16-Apr-15	Shorebird count	Red-necked Stint	50	Orange				Victoria, Australia
18-Apr-15	Shorebird count	Curlew Sandpiper	100	White	Yellow			Hong Kong, China
18-Apr-15	Shorebird count	Curlew Sandpiper	25	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
18-Apr-15	Shorebird count	Great Knot	100	White	Black			Chongming Island, China
18-Apr-15	Shorebird count	Red-necked Stint	Not noted	Black	White			Chongming Island, China
18-Apr-15	Shorebird count	Red-necked Stint	50	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
19-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	75	Yellow				N Western Australia, Australia
19-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	0	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Green	Yellow			Gulf of Carpentaria, Australia
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia
20-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
20-Apr-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	White	Yellow			Hong Kong, China
20-Apr-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	White	Yellow			Hong Kong, China
20-Apr-15	Casual observation from bird watcher	Ruddy Turnstone	Not noted	Orange	Yellow			South Australia, Australia
20-Apr-15	Casual observation from bird watcher	Sharp-tailed Sandpiper	100	White	Yellow			Hong Kong, China
21-Apr-15	Leg-flagged survey	Broad-billed Sandpiper	Not noted	White	Yellow			Hong Kong, China
21-Apr-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
21-Apr-15	Casual observation from bird watcher	Common Redshank	Not noted	White	Yellow			Hong Kong, China
21-Apr-15	Leg-flagged survey	Curlew Sandpiper	100	White	Yellow			Hong Kong, China
21-Apr-15	Leg-flagged survey	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	75	White	Yellow			Hong Kong, China
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	75	White	Yellow			Hong Kong, China
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia

Date	Source	Species	Breeding Plumage	Colour on Right Leg		Colour on Left Leg		Ringed Location
				Upper	Lower	Upper	Lower	
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	100	Orange	Yellow			South Australia, Australia
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	100	Orange				Victoria, Australia
21-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	50	Orange				Victoria, Australia
21-Apr-15	Casual observation from bird watcher	Lesser Sand Plover	Not noted	White	Yellow			Hong Kong, China
21-Apr-15	Leg-flagged survey	Red-necked Stint	Not noted	White	Yellow			Hong Kong, China
21-Apr-15	Casual observation from bird watcher	Red-necked Stint	50	Yellow				N Western Australia, Australia
21-Apr-15	Casual observation from bird watcher	Red-necked Stint	25	Orange				Victoria, Australia
21-Apr-15	Casual observation from bird watcher	Sharp-tailed Sandpiper	100	White	Yellow			Hong Kong, China
22-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
22-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	100	White	Yellow			Hong Kong, China
22-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
22-Apr-15	Shorebird count	Curlew Sandpiper	100	Yellow				N Western Australia, Australia
22-Apr-15	Shorebird count	Curlew Sandpiper	Not noted	White	Yellow			Hong Kong, China
22-Apr-15	Shorebird count	Curlew Sandpiper	75	Yellow				N Western Australia, Australia
22-Apr-15	Shorebird count	Curlew Sandpiper	Not noted	Yellow				N Western Australia, Australia
22-Apr-15	Shorebird count	Curlew Sandpiper	100	Orange				Victoria, Australia
22-Apr-15	Shorebird count	Greater Sand Plover	75	White	Yellow			Hong Kong, China
22-Apr-15	Shorebird count	Greater Sand Plover	25	White	Yellow			Hong Kong, China
22-Apr-15	Shorebird count	Kentish Plover	0	White	Yellow			Hong Kong, China
22-Apr-15	Shorebird count	Lesser Sand Plover	Not noted	White	Yellow			Hong Kong, China
22-Apr-15	Shorebird count	Lesser Sand Plover	50	Yellow	White			Sakhalin Island, Russia
22-Apr-15	Shorebird count	Marsh Sandpiper	Not noted	White	Yellow			Hong Kong, China
22-Apr-15	Shorebird count	Red-necked Stint	100	White	Yellow			Hong Kong, China
22-Apr-15	Shorebird count	Red-necked Stint	50	Yellow				N Western Australia, Australia
23-Apr-15	Casual observation from bird watcher	Red-necked Stint	75	Blue	Yellow			Bohai Bay, China
24-Apr-15	Casual observation from bird watcher	Grey-tailed Tattler	Not noted	Black	White			Chongming Island, China
24-Apr-15	Casual observation from bird watcher	Red-necked Stint	75	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
25-Apr-15	Leg-flagged survey	Curlew Sandpiper	100	Yellow				N Western Australia, Australia
25-Apr-15	Leg-flagged survey	Curlew Sandpiper	100	Orange	Yellow			South Australia, Australia
25-Apr-15	Leg-flagged survey	Curlew Sandpiper	75	Orange				Victoria, Australia
25-Apr-15	Leg-flagged survey	Curlew Sandpiper	75	Orange				Victoria, Australia
25-Apr-15	Leg-flagged survey	Lesser Sand Plover	50	White	Yellow			Hong Kong, China
25-Apr-15	Casual observation from bird watcher	Red-necked Stint	100	White	Yellow			Hong Kong, China
25-Apr-15	Leg-flagged survey	Red-necked Stint	50	Black	Green			Thailand Peninsular & Gulf of Thailand, Thailand
25-Apr-15	Leg-flagged survey	Red-necked Stint	25	Orange				Victoria, Australia
25-Apr-15	Leg-flagged survey	Terek Sandpiper	Not noted	Yellow				N Western Australia, Australia

Date	Source	Species	Breeding Plumage	Colour on Right Leg		Colour on Left Leg		Ringed Location
				Upper	Lower	Upper	Lower	
25-Apr-15	Casual observation from bird watcher	Terek Sandpiper	Not noted	Orange	Black			Sumatra, Indonesia
26-Apr-15	Casual observation from bird watcher	Curlew Sandpiper	100	White	Yellow			Hong Kong, China
27-Apr-15	Shorebird count	Curlew Sandpiper	100	White	Yellow			Hong Kong, China
27-Apr-15	Shorebird count	Curlew Sandpiper	100	White	Yellow			Hong Kong, China
27-Apr-15	Shorebird count	Curlew Sandpiper	100	Yellow				N Western Australia, Australia
27-Apr-15	Shorebird count	Curlew Sandpiper	100	Yellow				N Western Australia, Australia
27-Apr-15	Shorebird count	Curlew Sandpiper	25	Orange				Victoria, Australia
27-Apr-15	Shorebird count	Curlew Sandpiper	25	Orange				Victoria, Australia
27-Apr-15	Shorebird count	Curlew Sandpiper	100	Orange				Victoria, Australia
27-Apr-15	Shorebird count	Greater Sand Plover	0	White	Yellow			Hong Kong, China
27-Apr-15	Shorebird count	Lesser Sand Plover	25	White	Yellow			Hong Kong, China
27-Apr-15	Shorebird count	Pied Avocet	Not noted	White	Yellow			Hong Kong, China
27-Apr-15	Shorebird count	Red-necked Stint	25	Orange				Victoria, Australia
30-Apr-15	Casual observation from bird watcher	Grey-tailed Tattler	Not noted	White	Yellow			Hong Kong, China
1-May-15	Shorebird count	Curlew Sandpiper	100	White	Yellow			Hong Kong, China
1-May-15	Shorebird count	Curlew Sandpiper	50	Yellow				N Western Australia, Australia
1-May-15	Shorebird count	Curlew Sandpiper	75	Yellow				N Western Australia, Australia
1-May-15	Shorebird count	Curlew Sandpiper	75	Yellow				N Western Australia, Australia
1-May-15	Shorebird count	Curlew Sandpiper	Not noted	Orange				Victoria, Australia
1-May-15	Shorebird count	Curlew Sandpiper	100	Orange				Victoria, Australia
1-May-15	Shorebird count	Curlew Sandpiper	0	Orange				Victoria, Australia
1-May-15	Shorebird count	Greater Sand Plover	25	White	Yellow			Hong Kong, China
1-May-15	Shorebird count	Pacific Golden Plover	100	White	Yellow			Hong Kong, China
1-May-15	Shorebird count	Pacific Golden Plover	50	White	Yellow			Hong Kong, China
1-May-15	Shorebird count	Pacific Golden Plover	50	White	Yellow			Hong Kong, China
1-May-15	Shorebird count	Red Knot	100	Yellow				N Western Australia, Australia
1-May-15	Shorebird count	Red-necked Stint	25	Orange				Victoria, Australia
1-May-15	Shorebird count	Sharp-tailed Sandpiper	Not noted	Yellow				N Western Australia, Australia
3-May-15	Shorebird count	Black-winged Stilt	Not noted	White	Yellow			Hong Kong, China
3-May-15	Shorebird count	Common Redshank	50	White	Yellow			Hong Kong, China
3-May-15	Shorebird count	Common Redshank	50	White	Yellow			Hong Kong, China
3-May-15	Shorebird count	Common Redshank	75	White	Yellow			Hong Kong, China
3-May-15	Shorebird count	Greater Sand Plover	50	White	Yellow			Hong Kong, China
3-May-15	Shorebird count	Greater Sand Plover	0	White	Yellow			Hong Kong, China
3-May-15	Shorebird count	Greater Sand Plover	100	White	Yellow			Hong Kong, China
3-May-15	Shorebird count	Red Knot	100	Yellow				N Western Australia, Australia
3-May-15	Shorebird count	Red-necked Stint	50	Orange				Victoria, Australia
4-May-15	Casual observation from bird watcher	Grey-tailed Tattler	100	White	Yellow			Hong Kong, China

Date	Source	Species	Breeding Plumage	Colour on Right Leg		Colour on Left Leg		Ringed Location
				Upper	Lower	Upper	Lower	
6-May-15	Shorebird count	Greater Sand Plover	0	White	Yellow			Hong Kong, China
6-May-15	Shorebird count	Red-necked Stint	25	Orange				Victoria, Australia
9-May-15	Casual observation from bird watcher	Grey-tailed Tattler	Not noted	White	Yellow			Hong Kong, China
10-May-15	Shorebird count	Common Redshank	100	White	Yellow			Hong Kong, China
14-May-15	Shorebird count	Curlew Sandpiper	75	White	Yellow			Hong Kong, China
16-May-15	Casual observation from bird watcher	Red-necked Stint	50	Orange				Victoria, Australia
2-Jun-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	White	Yellow			Hong Kong, China
6-Jun-15	Casual observation from bird watcher	Greater Sand Plover	Not noted	White	Yellow			Hong Kong, China
11-Jun-15	Casual observation from bird watcher	Black-winged Stilt	Not noted	White	Yellow			Hong Kong, China
27-Jun-15	Casual observation from bird watcher	Black-winged Stilt	Not noted	White	Yellow			Hong Kong, China



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Appendix 6

Leg-flagged shorebirds with resighting records in at least four years from 2011 to 2015.



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 2015.

Species	Engraved Number	Years with Resighting
Black-tailed Godwit	B0	2011-2015
Black-tailed Godwit	B7	2011-2015
Black-tailed Godwit	B9	2011-2014
Black-tailed Godwit	H6	2012-2015
Black-tailed Godwit	K9	2012-2015
Black-tailed Godwit	L0	2012-2015
Black-tailed Godwit	N1	2012-2015
Common Greenshank	C4	2011-2014
Common Greenshank	E1	2011-2015
Common Greenshank	E7	2011-2014
Common Redshank	A4	2011-2014
Common Redshank	D2	2012-2015
Common Redshank	R6	2012-2015
Common Redshank	R8	2011-2015
Marsh Sandpiper	B1	2012-2015
Marsh Sandpiper	N2	2011-2015
Marsh Sandpiper	R1	2011-2014



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Appendix 7

Synchronized counts of shorebirds in Hong Kong Wetland Park in spring 2015.



The Hong Kong Bird Watching Society



Agriculture, Fisheries and Conservation Department

Synchronized counts of shorebirds in Hong Kong Wetland Park in spring 2015.

	23-Mar	9-Apr	22-Apr	6-May
Pheasant-tailed Jacana	0	0	0	0
Greater Painted-snipe	0	0	0	0
Black-winged Stilt	22	25	59	22
Pied Avocet	49	60	71	49
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	0	0	0
Kentish Plover	0	0	0	0
Lesser Sand Plover	0	0	0	0
Greater Sand Plover	0	3	0	0
Oriental Plover	0	0	0	0
Black-tailed Godwit	7	0	0	7
Bar-tailed Godwit	1	1	0	1
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	198	114	162	198
Common Redshank	62	517	426	62
Marsh Sandpiper	674	884	513	674
Common Greenshank	293	314	98	293
Nordmann's Greenshank	0	0	0	0
Green Sandpiper	0	0	0	0
Wood Sandpiper	1	3	13	1
Terek Sandpiper	0	2	0	0
Common Sandpiper	0	2	0	0
Grey-tailed Tattler	0	0	0	0
Ruddy Turnstone	0	0	0	0
Red-necked Phalarope	0	0	0	0
Pintail/Swinhoe's Snipe	1	0	0	0

	23-Mar	9-Apr	22-Apr	6-May
Common Snipe	3	1	0	3
Long-billed Dowitcher	0	0	0	0
Asian Dowitcher	0	0	0	0
Red Knot	0	4	0	0
Great Knot	0	0	0	0
Sanderling	0	0	0	0
Red-necked Stint	0	2	0	0
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	34	946	739	34
Spoon-billed Sandpiper	0	0	0	0
Broad-billed Sandpiper	0	0	0	0
Ruff	1	0	0	1
Sand Plover sp.	0	0	0	0
Small wader sp.	0	0	0	0
Large tringa sp.	0	0	0	0
Total	1346	2878	2081	1345