

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

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Programme 2004/05

Summer Count

June 2004

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**Summary Report – June 2004**

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

The June 2004 count was conducted on 20<sup>th</sup>. Coverage of the count completely includes the whole Mai Po Inner Deep Bay Ramsar Site and the Futian National Nature Reserve in Shenzhen.

A total of 2,697 waterbirds were recorded in the Deep Bay area. Of which, a total of 2,092 (78%) waterbirds were present in the Ramsar Site. Ardeids was the largest group of birds in the count, a total of 2,394 (91%) birds was counted of. The second highest was waders but a low number of 140 (5.5%) birds was recorded. This has indicated the end of spring migration.

Table 1 shows the comparison of the count with that of the previous year's counts and the average for the month. It indicated the number of waterbird in Deep Bay area in this count nearly double that of the previous year and it was the second highest, the highest count was of 3,324 in June 2001. However, the number of birds in Ramsar Site was the new high number for the same count.

Table.1. June waterbird counts 1999 - 2004

| June          | 1999  | 2001  | 2002  | 2003  | 2004  | Average | Std. Dev. |
|---------------|-------|-------|-------|-------|-------|---------|-----------|
| Deep Bay area | 1,307 | 3,324 | 1,879 | 1,313 | 2,697 | 1,902   | 936       |
| Ramsar Site   | 999   | 1,500 | 967   | 527   | 2,092 | 1,213   | 535       |

Note: Count in year 2000 was incomplete due to thunderstorm.

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## Counts of Waterbirds in June 2004

| SPECIES                        | SRA                  | SRB          | DBA                | DBB          | DBC        | DBD        | DBE        | DBF (TBT)  | NW / LFS  | TKC        | LC        | TSW       | MPST      | ST        | MPNR       | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Shuen Wan | Starling Inlet |
|--------------------------------|----------------------|--------------|--------------------|--------------|------------|------------|------------|------------|-----------|------------|-----------|-----------|-----------|-----------|------------|--------------|-------------------------|-------------|---------------|-----------|----------------|
| Little Grebe                   | 28                   | 13           |                    |              |            |            |            | 29         |           | 3          | 0         | 1         | 2         | 29        | 23         | 26           | 0                       | 49          | 128           |           |                |
| Great Cormorant                | 0                    | 0            |                    |              |            |            |            | 0          |           | 0          | 0         | 0         | 0         | 1         | 1          | 0            | 0                       | 1           | 2             |           |                |
| Grey Heron                     | 7                    | 0            |                    |              |            |            |            | 0          |           | 0          | 0         | 0         | 0         | 0         | 0          | 0            | 0                       | 0           | 7             |           |                |
| Great Egret                    | 6                    | 13           | 85                 | 2            | 81         | 44         | 216        | 31         | 10        | 30         | 2         | 4         | 4         | 4         | 230        | 63           | 346                     | 639         | 762           | 7         | 193            |
| Intermediate Egret             | 0                    | 0            |                    |              |            |            |            | 0          |           | 0          | 0         | 0         | 0         | 0         | 5          | 0            | 0                       | 5           | 5             |           | 2              |
| Little Egret                   | 13                   | 24           | 130                |              | 135        | 292        | 347        | 61         | 55        | 73         | 22        | 13        | 37        | 4         | 79         | 187          | 777                     | 1043        | 1285          | 21        | 55             |
| Cattle Egret                   | 0                    | 9            | 1                  |              |            | 2          | 39         | 0          |           | 2          | 0         | 0         | 0         | 0         | 89         | 2            | 41                      | 132         | 142           |           | 109            |
| Chinese Pond Heron             | 9                    | 15           | 11                 |              |            | 5          | 4          | 9          | 12        | 23         | 12        | 8         | 7         | 24        | 10         | 44           | 9                       | 63          | 149           | 6         | 7              |
| Striated Heron                 | 0                    | 0            |                    |              |            |            |            | 0          |           | 0          | 2         | 0         | 1         | 0         | 6          | 3            | 0                       | 9           | 9             |           |                |
| B-c Night Heron                | 3                    | 3            | 15                 |              |            | 1          | 2          | 0          |           | 0          | 3         | 1         | 2         | 2         | 3          | 7            | 3                       | 13          | 35            | 2         | 93             |
| Yellow Bittern                 | 0                    | 0            |                    |              |            |            |            | 0          |           | 0          | 0         | 0         | 0         | 0         | 0          | 0            | 0                       | 0           | 0             |           |                |
| Chinese Spotbill               |                      |              |                    |              |            |            |            |            |           |            |           |           |           |           | 5          |              |                         | 5           | 5             |           |                |
| Northern Shoveler              |                      |              |                    |              |            |            |            |            |           |            |           |           |           |           | 2          |              |                         | 2           | 2             |           |                |
| Slaty-breasted Rail            |                      |              |                    |              |            |            |            |            |           |            |           |           |           |           | 0          |              |                         | 0           | 0             |           | 1              |
| Water Rail                     |                      |              |                    |              |            |            |            |            |           |            |           |           |           |           | 0          |              |                         | 0           | 0             |           |                |
| White-breasted Waterhen        | 1                    | 0            |                    |              |            | 1          | 2          | 2          | 1         | 2          | 0         | 0         | 1         | 0         | 12         | 1            | 3                       | 16          | 22            |           | 2              |
| Common Moorhen                 | 0                    | 0            | 3                  |              |            |            |            | 0          |           | 0          | 0         | 0         | 0         | 1         | 0          | 0            | 0                       | 0           | 4             |           |                |
| Greater Painted Snipe          |                      |              |                    |              |            |            |            |            |           |            |           |           |           |           | 4          |              |                         | 4           | 4             |           |                |
| Black-winged Stilt             |                      |              | 15                 |              |            |            |            | 3          |           |            |           |           |           |           | 82         |              |                         | 82          | 100           |           |                |
| Little Ringed Plover           | 1                    | 0            | 1                  |              |            |            |            | 2          |           | 0          | 0         | 0         | 0         | 0         | 1          | 1            | 0                       | 2           | 5             |           | 3              |
| Whimbrel                       |                      |              |                    |              |            | 1          |            |            |           |            |           |           |           |           | 0          |              | 1                       | 1           | 1             |           |                |
| Eurasian Curlew                |                      |              |                    |              |            |            |            |            |           |            |           |           |           |           | 10         |              |                         | 10          | 10            |           |                |
| Common Greenshank              |                      |              |                    |              |            |            |            | 1          |           |            |           |           |           |           | 15         |              |                         | 15          | 16            |           |                |
| Common Sandpiper               | 0                    | 0            | 2                  |              |            |            |            | 0          |           | 1          | 0         | 0         | 0         | 0         | 1          | 0            | 0                       | 1           | 4             |           |                |
| <b>Total</b>                   | <b>68</b>            | <b>77</b>    | <b>263</b>         | <b>2</b>     | <b>216</b> | <b>346</b> | <b>610</b> | <b>138</b> | <b>78</b> | <b>134</b> | <b>41</b> | <b>27</b> | <b>54</b> | <b>65</b> | <b>578</b> | <b>334</b>   | <b>1180</b>             | <b>2092</b> | <b>2697</b>   | <b>36</b> | <b>465</b>     |
|                                |                      |              |                    |              |            |            |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |
|                                | <b>Deep Bay Area</b> | <b>%</b>     | <b>Ramsar Site</b> | <b>%</b>     | <b>SW</b>  | <b>SI</b>  |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |
| <b>Cormorants</b>              | <b>2</b>             | <b>0.05</b>  | <b>1</b>           | <b>0.05</b>  | <b>0</b>   | <b>0</b>   |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |
| <b>Ardeids etc</b>             | <b>2394</b>          | <b>91.01</b> | <b>1904</b>        | <b>91.01</b> | <b>36</b>  | <b>459</b> |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |
| <b>Ducks, grebes, pelicans</b> | <b>135</b>           | <b>2.68</b>  | <b>56</b>          | <b>2.68</b>  | <b>0</b>   | <b>0</b>   |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |
| <b>Rails, Coot etc</b>         | <b>26</b>            | <b>0.76</b>  | <b>16</b>          | <b>0.76</b>  | <b>0</b>   | <b>3</b>   |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |
| <b>Waders</b>                  | <b>140</b>           | <b>5.50</b>  | <b>115</b>         | <b>5.50</b>  | <b>0</b>   | <b>3</b>   |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |
| <b>Gulls and terns</b>         | <b>0</b>             | <b>0.00</b>  | <b>0</b>           | <b>0.00</b>  | <b>0</b>   | <b>0</b>   |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |
| <b>TOTAL</b>                   | <b>2697</b>          |              | <b>2092</b>        |              | <b>36</b>  | <b>465</b> |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |
| Date of count: 20 June 2004    |                      |              |                    |              |            |            |            |            |           |            |           |           |           |           |            |              |                         |             |               |           |                |

Counts of Waterbirds in June 2004

| SPECIES   | SRA                        | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | NW / LFS | TKC | LC | TSW | MPST | ST | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Shuen Wan | Starling Inlet |
|---|----------------------------|-----|-----|-----|-----|-----|-----|-----------|----------|-----|----|-----|------|----|------|--------------|-------------------------|-------------|---------------|-----------|----------------|
| n/c = site not counted  | High tide measured at TBT: |     |     |     |     |     |     |           |          |     |    |     |      |    |      |              |                         |             |               |           |                |
| # indicates count consists of or includes a count made up to one week either side of the count date |                            |     |     |     |     |     |     |           |          |     |    |     |      |    |      |              |                         |             |               |           |                |
| % = count made at evening roost   |                            |     |     |     |     |     |     |           |          |     |    |     |      |    |      |              |                         |             |               |           |                |
| <b>Wetland-dependant species</b>  |                            |     |     |     |     |     |     |           |          |     |    |     |      |    |      |              |                         |             |               |           |                |
| Species   | SRA                        | SRB | DBA | DBB | DBC | DBD | DBE | DBF (TBT) | NW / LFS | TKC | LC | TSW | MPST | ST | MPNR | Ramsar ponds | Ramsar intertidal areas | Ramsar Site | DEEP BAY AREA | Shuen Wan | Starling Inlet |
| Osprey  |                            |     |     |     |     |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             |           | 1              |
| Black Kite  | 0                          | 0   |     |     |     |     |     | 2         |          | 0   | 2  | 0   | 0    | 3  | 0    | 3            | 1                       | 4           | 7             |           |                |
| White-bellied Sea Eag   |                            |     |     |     |     |     |     |           |          |     |    |     |      |    | 0    |              |                         | 0           | 0             | 2         |                |
| Pied Kingfisher   | 1                          | 10  |     |     |     |     |     | 1         |          | 0   | 0  | 2   | 2    | 0  | 3    | 5            | 0                       | 8           | 19            |           | 1              |
| Common Kingfisher   | 3                          | 3   |     |     |     |     | 3   | 1         |          | 1   | 0  | 2   | 4    | 2  | 1    | 10           | 0                       | 11          | 20            | 1         | 1              |
| White-throated Kingfisher   | 1                          | 2   |     |     |     |     | 1   | 0         | 2        | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 3                       | 3           | 6             | 1         |                |
| Black-capped Kingfisher   | 0                          | 0   |     |     |     |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 1                       | 1           | 0             |           |                |
| Red-billed Starling   | 1                          | 0   |     |     |     |     |     | 0         |          | 0   | 0  | 0   | 0    | 0  | 0    | 0            | 0                       | 0           | 1             |           |                |
| Collared Crow   | 0                          | 2   |     |     |     |     |     | 10        |          | 0   | 5  | 0   | 0    | 0  | 2    | 15           | 0                       | 17          | 19            | 2         |                |
| Crested Serpent Eagle   |                            |     |     |     |     |     |     |           |          |     |    |     |      |    |      |              |                         |             | 0             |           | 1              |
| Besra   |                            |     |     |     |     |     |     |           |          |     |    |     |      |    | 1    | 1            |                         | 1           | 1             |           |                |