

## Summer 2018 Waterbird & Raptor Surveys of Hamilton-Victoria Valley-Penshurst Area Wetlands

| WETLAND   | L Kennedy |                | L Linlithgow |           | L Bullrush |           | Krauses Swp |           | Harnath Swp |           | Soldiers  | L Ham     | Grange    | Bryans    | Miran S   | Freshw    | Yatm      | Scale     |
|---|-----------|----------------|--------------|-----------|------------|-----------|-------------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Observer  | JH        | HFNC           | JH, RB       | HFNC      | JH, RB     | HFNC      | JH, RB      | HFNC      | JH          | HFNC      | RB        | RB        | RB        | RB        | RB        | RB        | RB        | RB, LF    |
| Survey date                                       | 21Jan     | 18Feb          | 31Jan        | 18Feb     | 31Jan      | 18Feb     | 31Jan       | 18Feb     | 21Jan       | 18Feb     | 07Feb     | 13Feb     | 09Feb     | 08Feb     | 08Feb     | 08Feb     | 07Feb     | 22Jan     |
| Time  | 0800-1025 | 0720-0745      | 0830-1045    | 0750-1000 | 1130-1215  | 1100-1130 | 1100-1120   | 1020-1050 | 1050-1125   | 1150-1220 | 0820-0910 | 0800-1030 | 0900-1030 | 0900-1015 | 1100-1130 | 1200-1245 | 0945-1045 | 1000-1200 |
| Water depth (max. cm)                             | mod       | mod            | 117          | 110       | high       | high      | high        | mod       | mod         | mod       | 0-10 cm   | mod       | mod       | vlow      | vlow      | mod       | mod       | low       |
| Water % cover on bed                              | 90        | 80             | 90           | 85        | 90         | 90        | 90          | 85        | 90          | 85        | 60        | 70        | 80        | 70        | 40        | 70        | 90        | 70        |
| Marker reading                                    |           |                | 2.47         | 2.40      |            |           |             |           |             |           |           | -0.46     |           | <0        |           |           |           |           |
| <b>SHOREBIRDS/WADERS</b>                          |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Australian Pratincole                             |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Banded Lapwing                                    |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Banded Stilt                                      |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Black-fronted Dotterel                            |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           | 2         |           |           |
| Black-winged Stilt                                | 11        | 15             |              |           |            |           |             |           |             |           | 3         |           |           |           |           |           |           |           |
| Common Greenshank                                 |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Double-banded Plover                              |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Latham's Snipe                                    |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           | 3         |           |           |
| Masked Lapwing                                    | 22        | 40             | 17           | 37        |            |           | 2           | 4         | 4           | 125       | 120       | 110       | 50        | 31        | 9         | 20        | 7         |           |
| Pectoral Sandpiper                                |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Red-capped Plover                                 |           |                |              | 15        |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Red-kneed Dotterel                                |           |                |              |           |            |           |             |           |             |           |           | 1         |           |           |           | 2         |           | 80        |
| Red-necked Avocet                                 |           |                | 3            |           |            |           |             |           |             |           |           |           |           |           |           | 1         |           |           |
| Red-necked Stint                                  |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Sharp-tailed Sandpiper                            |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           | 450       |
| Wood Sandpiper                                    |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| <b>CRAKES, CRANE, DUCKS, GEESE, GREBES, SWANS</b> |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Australasian Grebe                                |           |                |              | 1         |            |           |             |           |             |           |           | 6         |           |           |           |           | 8         |           |
| Australasian Shoveler                             | 30        | 60             | 1            | 250       |            |           | 19          | 30        |             |           |           | 2         | 2         |           |           |           |           |           |
| Australian Shelduck                               | 8         | 250            | 48           | 37        | 600        |           | 19          | 5         | 340         | 425       | 4         |           |           | 6         |           |           |           | 10        |
| Australian Spotted Crane                          |           |                |              |           |            |           |             |           |             |           |           |           | 2         |           |           | 1         |           |           |
| Australian Wood Duck                              |           |                | 13           | 3         |            |           |             |           |             | 10        |           | 4         |           |           |           | 10        |           |           |
| Baillon's Crane                                   |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Black Swan  | 1231      | 600            | 6            | 52        | 97         | 35        |             | 10        | 2           | 2         | 3         | 16        | 4 (2j)    | 150       | 9         |           | 10        | 4         |
| Brolga  |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           | 16        |
| Blue-billed Duck                                  |           |                | 335          | 780       |            |           |             | 1         |             |           |           |           |           |           |           |           |           |           |
| Cape Barren Goose                                 |           | 1 <sup>‡</sup> |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Chestnut Teal                                     |           |                |              |           |            |           |             |           |             |           | 40        |           | 6         |           | 35        | 20        |           | 4         |
| Feral Duck  |           |                |              |           |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Freckled Duck                                     | 56        | 5              |              | 135       |            |           |             |           |             |           |           |           |           |           |           |           |           |           |
| Grey Teal   | 690       | 2600           | 20           | 2000      | 2          |           | 22          | 350       | 182         | 140       | 120       | 15        | 13        | 100       | 95        | 30        | 20        | 180       |
| Hardhead  | 1         | 200            | 180          | 200       |            |           |             |           | 4           |           |           | 2         | 42        |           |           |           |           |           |
| Hoary-headed Grebe                                | 10        | 12             | 65           | 295       | 2          |           | 70          | 7         | 57          | 26        |           |           | 13        |           |           | 5         |           |           |
| Musk Duck   | 1         |                | 2            | 3         | 1          |           |             |           |             |           |           | 25        |           |           |           |           |           |           |

|   |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
|---|---------------------|------------------------|----------------------|----------------------|----------------------|-----------------|--------------|---------------|---------------|----------------|---------------|---------------|--------------|-----|----|---|----|----|
| Pacific Black Duck  |                     | 300                    |                      | 300                  | 90                   |                 | 11           |               | 120           |                | 4             | 195           | 9            | 20  | 10 | 4 | 10 |    |
| Pink-eared Duck   | 2450                | 1600                   | 565                  | 5000                 |                      |                 | 45           | 40            | 3             | 2              |               | 2             | 2            |     |    |   |    |    |
| Spotless Crake  |                     |                        |                      |                      |                      |                 |              |               |               |                |               | 1             |              |     |    |   |    |    |
|   | <b>Lake Kennedy</b> | <b>Lake Linlithgow</b> | <b>Lake Bullrush</b> | <b>Krauses Swamp</b> | <b>Harnath Swamp</b> | <b>Soldiers</b> | <b>L Ham</b> | <b>Grange</b> | <b>BryanS</b> | <b>Miran S</b> | <b>Freshw</b> | <b>Yatm S</b> | <b>Scale</b> |     |    |   |    |    |
| <b>CORMORANTS &amp; PELICAN</b>   |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Australian Pelican  |                     |                        |                      | 7                    |                      |                 |              |               |               |                |               |               |              | 1   |    |   |    |    |
| Great Cormorant   |                     |                        |                      |                      |                      |                 |              |               |               |                |               | 10            |              |     |    |   |    |    |
| Little Black Cormorant  |                     |                        |                      |                      |                      |                 |              |               |               |                |               | 55            |              |     |    |   |    |    |
| Little Pied Cormorant   |                     |                        |                      | 2                    | 2                    |                 |              |               |               |                |               | 44            | 6            | 1   |    |   | 3  |    |
| <b>COOT, EGRETS, HERONS, IBIS, MOORHENS, SPOONBILLS &amp; SWAMPHENS</b> |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Australian White Ibis   |                     |                        |                      | 1                    |                      |                 | 4            | 18            | 1             |                |               | 1             |              | 60  |    |   | 20 | 32 |
| Black-tailed Native Hen   | 6                   |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    | 2 |    |    |
| Cattle Egret  |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Dusky Moorhen   |                     |                        |                      |                      |                      |                 |              |               |               |                |               | 48            | 19           |     |    |   |    |    |
| Eastern Great Egret   |                     |                        |                      |                      |                      |                 |              | 1             |               |                |               |               |              | 20  |    |   |    |    |
| Eurasian Coot   | 1826                |                        |                      |                      | 700                  | 1450            | 2            |               | 142           | 40             |               | 445           | 37           |     |    |   | 95 |    |
| Nankeen Night-heron *   |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Purple Swamphen   |                     |                        |                      |                      | 2                    |                 | 2            | 13            |               | 1              | 34            | 28            | 25           | 45  |    | 2 | 11 | 2  |
| Royal Spoonbill   |                     |                        |                      |                      |                      |                 |              | 5             |               |                |               |               |              | 2   |    |   |    |    |
| Straw-necked Ibis   | 35                  |                        |                      | 56                   |                      |                 |              | 3             |               |                | 2             |               |              | 15  | 3  |   | 11 | 2  |
| White-faced Heron   | 1                   | 8                      | 1                    | 3                    |                      |                 | 1            | 1             |               |                | 57            | 2             | 10           | 150 | 46 | 2 | 5  | 10 |
| White-necked Heron  |                     |                        |                      |                      |                      |                 |              | 2             |               |                | 13            |               |              | 45  | 6  |   | 7  |    |
| Yellow-billed Spoonbill   |                     |                        |                      |                      |                      |                 |              | 9             |               |                | 6             | 1             |              | 21  |    |   |    | 1  |
| <b>GULLS &amp; TERNS</b>  |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Silver Gull   | 4                   |                        | 76                   | 72                   |                      |                 |              |               |               |                |               | 17            |              |     |    | 2 | 5  |    |
| Whiskered Tern  |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| <b>RAPTORS</b>  |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Australian Hobby  |                     |                        |                      | 1                    |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Australian Goshawk  |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Brown Falcon  |                     |                        | 1                    | 7                    |                      |                 |              | 1             |               | 2              |               |               |              |     |    |   |    |    |
| Black Falcon  |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   | 1  | 2  |
| Black-shouldered Kite   |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Collared Sparrowhawk  |                     |                        | 1                    |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Nankeen Kestrel   |                     |                        |                      | 1                    |                      |                 |              | 1             |               |                |               |               |              |     |    |   |    |    |
| Swamp Harrier   | 1                   |                        |                      | 1                    |                      |                 |              | 2             |               | 1              |               |               | 2            | 2   |    |   |    |    |
| Spotted Harrier   |                     |                        |                      |                      |                      |                 | 1            |               |               |                |               |               |              |     |    |   |    |    |
| Wedge-tailed Eagle  |                     |                        |                      | 1                    |                      | 1               |              |               |               | 3              |               |               |              |     |    |   |    |    |
| Whistling Kite  |                     | 3                      | 1                    | 1                    |                      |                 |              |               |               |                |               |               |              | 6   | 1  |   |    | 1  |
| White-bellied Sea-eagle   |                     |                        |                      | 1#                   |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| <b>OTHER SPECIES ASSOCIATED WITH WETLANDS</b>                           |                     |                        |                      |                      |                      |                 |              |               |               |                |               |               |              |     |    |   |    |    |
| Australian Reed-warbler   |                     |                        |                      |                      |                      |                 |              |               |               |                |               | 18            |              |     |    |   |    |    |
| Golden-headed Cisticola   |                     |                        |                      |                      |                      |                 |              | 3             |               |                |               |               |              |     |    |   |    |    |
| Little Grassbird  |                     |                        |                      |                      |                      |                 |              |               |               |                |               | 8             | 5            | 2   |    |   |    |    |
| White-fronted Chat  |                     |                        | 20                   |                      |                      |                 |              |               |               |                |               |               |              |     |    |   | 2  | 2  |

Breeding – j = number of juveniles (incl. in count); i = immature bird (incl. in count); # D Tonkinson 25 Jan18; - Y Ingeme 22 Feb18 \* indicates a new record