

## CWAC Electronic Census Form Ver 3.1 Animal Demography Unit

Please email this form back before the end of March (for summer survey) or August ( for winter survey).

Please return this form to:

|   |                |  |               |
|---|----------------|--|---------------|
| Name of site:   | Zandvlei LOWER |  |               |
| Site code:  | 34071828       | <b>Hour</b>                                    | <b>Minute</b> |
| Date of survey:                                       | <b>Day</b>     | <b>Month</b>                                   | <b>Year</b>   |
|   | 17             | 10   | 2020          |
| Season:   | O              | Select from the list or leave the field blank. |               |
| Name of compiler:                                     | Gavin Lawson   |  |               |
| ADU observer code:                                    | 10691          |  |               |
| New contact details: (postal, tel. fax, e-mail, etc.) | as before      |  |               |

**Names of additional observers:** (initials and surname e.g. M. Wheeler)

|                         |                   |
|-------------------------|-------------------|
| Linda Hibbin            | Solulele Mjandana |
| Rodney Yates            |                   |
| Suzanne Hofmeyr         |                   |
| Dennis and Gigi Laidler |                   |
| Amber Ing               |                   |

| Has this site been counted for CWAC before: | Type of count:   | Count conditions:  |
|---|--|--|
| 1   | 1  | 4  |
| 1 – yes<br>2 – no                           | 1 – on foot<br>2 – by boat<br>3 – aerial<br>4 – motor vehicle<br>5 – mixed | 1 – bad<br>2 – poor<br>3 – moderate<br>4 – good<br>5 – ideal |

|   |   |   |
|---|---|---|
| Condition of wetland:   | 2 | <b>Percentage of wetland area covered by count:</b><br>(to nearest 5%)  |
| 1 – full (high tide for estuaries)<br>2 – partially full (mid tide for estuaries)<br>3 – very little standing water (low tide for estuaries)<br>4 – mud only<br>5 – dry |   | % of shoreline: <span style="float: right; border: 1px solid black; padding: 2px;">90</span><br>% of open water: <span style="float: right; border: 1px solid black; padding: 2px;">95</span> |

Fixed-point photography:  Yes

*if yes, please submit your photos in digital format together with your census form.*

**Comments:** (including any factors that might have affected the results, e.g. rain, wind, water level, disturbance, threats, etc. Also include any other information related to the species observed, breeding information, counts, etc.)

The sun broke threw the clearing cloud cover at about 10h00. The Naval Cadet and Sea Scout bases were active today. The main water body had very little bird activity on the water and in the air. There was no apparent reason for this as the estuary mouth was open, the water level was high (new moon) and presumed to be mostly saline water as October has a 2 metre high sea level tide and this introduces migrating small fish species into the vlei and larger fish leave for the open sea. It is the annual opportunity to introduce as much sea water into the estuary as possible before quickly closing the mouth to trap the seawater from washing out. This helps to reduce the freshwater which predominated during the winter rainfall period. The estuary management activity of dredging the canal open has finished with the removal of many tons of silt washed in with the opening and closing of the estuary mouth. This is a long term project which was delayed for budget reasons for the last 4 years. There is a good defined canal now and there was a strong outflow at the Thesens foot bridge, with water weed being washed out of the vlei. In the "Shallows" there were a group of Greater Flamingos 2 adults and 5 juveniles together with a Sandwich and Caspian Terns and numerous gulls.

There is a new educational garden being developed on the south side of the Zandvlei Nature Reseve offices (old Redevous site). This is to demonstrate local indigenous plants and is laid out in a maze configuration with a waist high berm around for wind protection. It looks very encouraging.

|                           |            |                                       |
|---------------------------|------------|---------------------------------------|
| Total waterbirds counted: | <b>292</b> | This field will update automatically. |
| Total species observed:   | <b>21</b>  | This field will update automatically. |

**Important Notes:**

For species observed breeding, please indicate the appropriate breeding code in the breeding column (B);

**Breeding status codes: 2 – Possibly breeding, 3 – Probably breeding and 4 – Confirmed breeding;**

If confirmed breeding information is available, please indicate this in the appropriate tab at the bottom;

Count results should be recorded in the (Count) column;

For more information, consult the CWAC information sheets.

| Species                   | New Ref | B | Count | Species                  | New Ref | B | Count |
|---------------------------|---------|---|-------|--------------------------|---------|---|-------|
| African Penguin           | 00002   | 7 |       | Blacksmith Lapwing       | 00245   | 2 | 11    |
| Great Crested Grebe       | 00004   | 2 | 1     | White-crowned Lapwing    | 00246   | 9 |       |
| Black-necked Grebe        | 00005   | 8 |       | African Wattled Lapwing  | 00247   | 6 |       |
| Little Grebe              | 00006   | 3 |       | Long-toed Lapwing        | 00248   | 3 |       |
| Pink-backed Pelican       | 00041   | 3 |       | Greater Painted-snipe    | 00230   | 0 |       |
| Great White Pelican       | 00042   | 0 |       | Great Snipe              | 00249   | 5 |       |
| Cape Gannet               | 00044   | 9 |       | African Snipe            | 00250   | 9 |       |
| White-breasted Cormorant  | 00047   | 7 |       | Curlew Sandpiper         | 00251   | 2 |       |
| Cape Cormorant            | 00048   | 2 | 5     | Baird's Sandpiper        | 00252   | 4 |       |
| Bank Cormorant            | 00049   | 6 |       | Terek Sandpiper          | 00257   | 8 |       |
| Reed Cormorant            | 00050   | 5 | 31    | Common Sandpiper         | 00258   | 1 |       |
| Crowned Cormorant         | 00051   | 1 |       | Green Sandpiper          | 00259   | 7 |       |
| African Darter            | 00052   | 3 |       | Marsh Sandpiper          | 00262   | 2 |       |
| Grey Heron                | 00054   | 6 |       | Wood Sandpiper           | 00264   | 7 |       |
| Black-headed Heron        | 00055   | 4 | 2     | Pectoral Sandpiper       | 00895   | 9 |       |
| Goliath Heron             | 00056   | 7 |       | Buff-breasted Sandpiper  | 00926   | 5 |       |
| Purple Heron              | 00057   | 9 | 1     | Broad-billed Sandpiper   | 00981   | 4 |       |
| Great Egret               | 00058   | 0 |       | White-rumped Sandpiper   | 00997   | 9 |       |
| Little Egret              | 00059   | 8 |       | Little Stint             | 00253   | 3 |       |
| Yellow-billed Egret       | 00060   | 7 |       | Red-necked Stint         | 00897   | 4 |       |
| Cattle Egret              | 00061   | 4 |       | Long-toed Stint          | 00972   | 4 |       |
| Slaty Egret               | 00982   | 1 |       | Temminck's Stint         | 00985   | 2 |       |
| Squacco Heron             | 00062   | 1 |       | Red Knot                 | 00254   | 5 |       |
| Green-backed Heron        | 00063   | 0 |       | Sanderling               | 00255   | 0 |       |
| Black Heron               | 00064   | 8 |       | Ruff                     | 00256   | 6 |       |
| Rufous-bellied Heron      | 00065   | 2 |       | Dunlin                   | 00896   | 2 |       |
| Little Blue Heron         | 01015   | 9 |       | Spotted Redshank         | 00260   | 6 |       |
| Western Reef Heron        | 02190   | 2 |       | Common Redshank          | 00261   | 0 |       |
| Dwarf Bittern             | 00066   | 9 |       | Common Greenshank        | 00263   | 1 |       |
| Little Bittern            | 00067   | 6 |       | Greater Yellowlegs       | 01008   | 8 |       |
| Black-crowned Night-Heron | 00069   | 5 |       | Lesser Yellowlegs        | 01014   | 1 |       |
| White-backed Night-Heron  | 00070   | 2 |       | Black-tailed Godwit      | 00265   | 3 |       |
| Eurasian Bittern          | 00071   | 9 |       | Bar-tailed Godwit        | 00266   | 8 |       |
| Hamerkop                  | 00072   | 6 |       | Hudsonian Godwit         | 01009   | 0 |       |
| Marabou Stork             | 00073   | 5 |       | Eurasian Curlew          | 00267   | 5 |       |
| African Openbill          | 00074   | 3 |       | Common Whimbrel          | 00268   | 4 |       |
| Saddle-billed Stork       | 00075   | 7 |       | Pied Avocet              | 00269   | 9 |       |
| Yellow-billed Stork       | 00076   | 4 |       | Black-winged Stilt       | 00270   | 3 |       |
| Woolly-necked Stork       | 00077   | 1 |       | Red Phalarope            | 00271   | 8 |       |
| Abdim's Stork             | 00078   | 8 |       | Red-necked Phalarope     | 00272   | 5 |       |
| Black Stork               | 00079   | 0 |       | Wilson's Phalarope       | 00929   | 6 |       |
| White Stork               | 00080   | 0 |       | Crab Plover              | 00273   | 9 |       |
| African Sacred Ibis       | 00081   | 6 | 10    | Water Thick-knee         | 00274   | 4 |       |
| Glossy Ibis               | 00083   | 7 |       | Collared Pratincole      | 00281   | 5 |       |
| Hadedda Ibis              | 00084   | 1 | 3     | Black-winged Pratincole  | 00282   | 7 |       |
| African Spoonbill         | 00085   | 9 |       | Rock Pratincole          | 00283   | 6 |       |
| Greater Flamingo          | 00086   | 2 | 7     | Kelp Gull                | 00287   | 0 | 31    |
| Lesser Flamingo           | 00087   | 4 |       | Grey-headed Gull         | 00288   | 9 | 6     |
| Spur-winged Goose         | 00088   | 5 |       | Hartlaub's Gull          | 00289   | 4 | 54    |
| Egyptian Goose            | 00089   | 3 | 82    | Sabine's Gull            | 00901   | 7 |       |
| South African Shelduck    | 00090   | 3 |       | Franklin's Gull          | 00932   | 2 |       |
| Comb Duck                 | 00091   | 8 |       | Common Black-headed Gull | 00933   | 1 |       |

|                             |       |   |    |                          |       |   |   |
|-----------------------------|-------|---|----|--------------------------|-------|---|---|
| African Pygmy-Goose         | 00092 | 5 |    | Slender-billed Gull      | 01078 | 4 |   |
| Northern Shoveler           | 00093 | 9 |    | Heuglin's Gull           | 02042 | 3 |   |
| Cape Shoveler               | 00094 | 4 |    | Lesser black-backed Gull | 04136 | 8 |   |
| African Black Duck          | 00095 | 6 |    | Caspian Tern             | 00290 | 4 | 4 |
| Yellow-billed Duck          | 00096 | 0 | 9  | Common Tern              | 00291 | 7 |   |
| Red-billed Teal             | 00097 | 2 |    | Antarctic Tern           | 00292 | 9 |   |
| Cape Teal                   | 00098 | 7 | 4  | Roseate Tern             | 00293 | 8 |   |
| Hottentot Teal              | 00099 | 1 |    | Arctic Tern              | 00294 | 0 |   |
| White-faced Duck            | 00100 | 2 |    | Sooty Tern               | 00295 | 5 |   |
| Fulvous Duck                | 00101 | 9 |    | Sandwich Tern            | 00296 | 1 | 1 |
| Southern Pochard            | 00102 | 6 |    | Lesser Crested Tern      | 00297 | 3 |   |
| Maccoa Duck                 | 00103 | 5 |    | Swift Tern               | 00298 | 6 |   |
| White-backed Duck           | 00104 | 3 |    | Little Tern              | 00299 | 2 |   |
| African Fish-Eagle          | 00149 | 2 |    | Damara Tern              | 00300 | 0 |   |
| Western Marsh-Harrier       | 00166 | 0 |    | White-winged Tern        | 00304 | 1 |   |
| African Marsh-Harrier       | 00167 | 2 |    | Whiskered Tern           | 00305 | 9 |   |
| Pallid Harrier              | 00168 | 7 |    | African Skimmer          | 00306 | 2 |   |
| Black Harrier               | 00169 | 1 |    | Gull-billed Tern         | 00902 | 9 |   |
| Montagu's Harrier           | 00170 | 6 |    | Black Tern               | 00903 | 8 |   |
| Osprey                      | 00172 | 2 |    | Royal Tern               | 00935 | 3 |   |
| African Rail                | 00197 | 6 |    | Bridled Tern             | 00936 | 8 |   |
| Corn Crake                  | 00198 | 3 |    | Black-naped Tern         | 00937 | 5 |   |
| African Crake               | 00199 | 5 |    | White-cheeked Tern       | 00938 | 4 |   |
| Striped Crake               | 00200 | 5 |    | African Grass-Owl        | 00360 | 1 |   |
| Spotted Crake               | 00201 | 1 |    | Marsh Owl                | 00361 | 5 |   |
| Baillon's Crake             | 00202 | 3 |    | Pel's Fishing-Owl        | 00370 | 8 |   |
| Black Crake                 | 00203 | 2 |    | Pied Kingfisher          | 00394 | 5 | 5 |
| White-winged Flufftail      | 00204 | 6 |    | Giant Kingfisher         | 00395 | 0 |   |
| Red-chested Flufftail       | 00205 | 4 |    | Half-collared Kingfisher | 00396 | 6 |   |
| Streaky-breasted Flufftail  | 00892 | 8 |    | Malachite Kingfisher     | 00397 | 8 |   |
| African Purple Swamphen     | 00208 | 0 |    | Mangrove Kingfisher      | 00400 | 6 |   |
| Allen's Gallinule           | 00209 | 8 |    | African Pied Wagtail     | 00685 | 6 |   |
| American Purple Gallinule   | 00893 | 7 |    | Cape Wagtail             | 00686 | 0 | 4 |
| Common Moorhen              | 00210 | 8 |    | Mountain Wagtail         | 00688 | 7 |   |
| Lesser Moorhen              | 00211 | 3 |    | Yellow Wagtail           | 00689 | 1 |   |
| Red-knobbed Coot            | 00212 | 0 | 17 | Grey Wagtail             | 00690 | 1 |   |
| African Finfoot             | 00213 | 4 |    | Greater Sheathbill       | 00864 | 6 |   |
| Grey Crowned Crane          | 00214 | 9 |    | Mute Swan                | 00884 | 3 |   |
| Wattled Crane               | 00215 | 1 |    | Garganey                 | 00885 | 7 |   |
| Blue Crane                  | 00216 | 5 |    | Northern Pintail         | 00886 | 4 |   |
| African Jacana              | 00228 | 8 |    | Mandarin Duck            | 01017 | 4 |   |
| Lesser Jacana               | 00229 | 0 |    | Tufted Duck              | 01298 | 7 |   |
| African Black Oystercatcher | 00231 | 6 |    | Muscovy Duck             | 10003 | 2 |   |
| Eurasian Oystercatcher      | 00894 | 1 |    | Black Swan               | 10007 | 9 |   |
| Ruddy Turnstone             | 00232 | 8 |    | Domestic Duck            | 10006 | 7 |   |
| Common Ringed Plover        | 00233 | 7 |    | Domestic Goose           | 10004 | 6 |   |
| Lesser Sand Plover          | 00234 | 1 |    | Red-crested Pochard      | 01332 | 2 |   |
| White-fronted Plover        | 00235 | 9 |    | Mallard                  | 01016 | 2 | 4 |
| Chestnut-banded Plover      | 00236 | 2 |    | Mallard Hybrid           | 10015 | 1 |   |
| Kittlitz's Plover           | 00237 | 4 |    | Hybrid Pochard           | 00978 | 1 |   |
| Three-banded Plover         | 00238 | 5 |    | Hybrid Duck              | 10005 | 4 |   |
| Greater Sand Plover         | 00239 | 3 |    | Unidentified Waders      | 10008 | 0 |   |
| Kentish Plover              | 02002 | 0 |    | Unidentified Terns       | 10009 | 8 |   |
| Caspian Plover              | 00240 | 7 |    | Unidentified Gulls       | 10010 | 8 |   |
| Grey Plover                 | 00241 | 4 |    | Unidentified Herons      | 10011 | 3 |   |
| American Golden Plover      | 00922 | 0 |    | Unidentified Ducks       | 10014 | 9 |   |
| Pacific Golden Plover       | 01039 | 6 |    | Unidentified Flamingos   | 10016 | 5 |   |

| <b>Additional Species</b> |                |          |              |
|---------------------------|----------------|----------|--------------|
| <b>Species</b>            | <b>New Ref</b> | <b>B</b> | <b>Count</b> |
|                           |                |          |              |

| <b>Confirmed Breeding Information</b> |                |                  |
|---------------------------------------|----------------|------------------|
| <b>Species</b>                        | <b>New Ref</b> | <b>No. Pairs</b> |
|                                       |                |                  |