Supplementary Material

Status and phenology of breeding seabirds and a review of Important Bird and Biodiversity Areas in the British Indian Ocean Territory

PETER CARR, STEPHEN VOTIER, HEATHER KOLDEWEY, BRENDAN GODLEY, HANNAH WOOD and MALCOLM A. C. NICOLL

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Table S1. Maximum number of breeding pairs of seabirds recorded between 2008–2018 from all islands in BIOT.

Table S2. The date surveys of the proposed and designated terrestrial Important Bird and Biodiversity Areas in the British Indian Ocean Territory were undertaken (2008–2018).

Table S1. Maximum number of breeding pairs of seabirds recorded between 2008–2018 from all islands in BIOT. Zero counts = the species was not recorded breeding on an island. Top figure = breeding pairs, brackets = year the record was made. **Bold** text = number of breeding pairs recorded qualifies for IBA status. Black Rat *Rattus rattus* presence (P), absence (A), eradicated (E) or uncertain status (U) is recorded (data from Carr and Harper 2015; Harper *et al*. 2019). IBA qualifying population from BirdLife International (2004) pp. 296-297.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Island | Atoll | Rattus rattus | *Ardenna pacifica* | ***Puffinus bailloni*** | *Phaethon lepturus* | *Phaethon rubricauda* | *Sula dactylatra* | ***Sula sula*** | *Sula leucogaster* | *Fregeta minor* | *Fregeta ariel* | ***Thalasseus bergii*** | *Sterna dougallii* | ***Sterna sumatrana*** | *Sternula albifrons* | *Onychoprion anaethetus* | ***Onychoprion fuscatus*** | *Anous stolidus* | ***Anous tenuirostris*** | *Gygis alba* |
| **Diego Garcia** | Diego Garcia | P | 18 (2010) | 2 (2009) | 6 (2015) | 5 (2009) | 0 | **8,068 (2018)** | 0 | 0 | 0 | 14 (2018) | 0 | 5 (2009) | 5 (2009) | 0 | 0 | 400 (2015) | 25 (2014) | 200 (2009) |
| West Island | Diego Garcia | A | 0 | 0 | 0 | 0 | 0 | 268 (2018) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 (2018) | 0 | 240 (2018) | 0 | 0 |
| Middle Island | Diego Garcia | A | 0 | 0 | 0 | 0 | 0 | 520 (2018) | 0 | 0 | 0 | 0 | 0 | 1 (2018) | 0 | 0 | 0 | 22 (2014) | 10 (2015) | 10 (2009) |
| East Island | Diego Garcia | A | 0 | 0 | 0 | 0 | 0 | 1,113 (2018) | 3 (2018) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 (2012) | 40 (2014) | 15 (2014) |
| **Diego Garcia atoll** | | NA | 18 | 2 | 6 | 5 | 0 | **9,969** | 3 | 0 | 0 | 14 | 0 | 6 | 5 | 8 | 0 | 696 | 75 | 225 |
| Sudest complex | Egmont Islands | P | 0 | 0 | 2 (2016) | 0 | 0 | 123 (2013) | 0 | 0 | 0 | 70 (2009) | 0 | 40 (2009) | 0 | 0 | 0 | 24 (2014) | 0 | 17 (2009) |
| Lubine complex | Egmont Islands | P | 0 | 0 | 0 | 0 | 0 | 1 (2015) | 0 | 0 | 0 | 0 | 0 | 30 (2013) | 0 | 0 | 0 | 40 (2009) | 0 | 30 (2009) |
| Egmont Islands atoll | | NA | 0 | 0 | 2 | 0 | 0 | 124 | 0 | 0 | 0 | 70 | 0 | 70 | 0 | 0 | 0 | 64 | 0 | 47 |
| **Danger** | Great Chagos Bank | A | 40 (2015) | 10 (2015) | 0 | 0 | 0 | **3,500 (2010)** | 141 (2009) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 (2014) | 2,400 (2014) | 35 (2010) |
| Sea Cow | Great Chagos Bank | A | 150 (2009) | 5 (2015) | 0 | 0 | 0 | 1,400 (2009) | 0 | 0 | 0 | 5 (2009) | 0 | 14 (2009) | 0 | 11 (2009) | 0 | 140 (2010) | 1,200 (2010) | 25 (2010) |
| Eagle Island | Great Chagos Bank | P | 0 | 0 | 1 (2013) | 0 | 0 | 10 (2010) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 (2013) | 10 (2013) | 20 (2015) |
| **North Brother** | Great Chagos Bank | A | 3,200 (2012) | **1,200 (2015)** | 0 | 0 | 0 | 377 (2009) | 740 (2014) | 300 (2009) | 15 (2015) | 10 (2009) | 0 | 0 | 0 | 6 (2012) | **10,000 (2009)** | 124 (2014) | 600 (2009) | 55 (2009) |
| **Middle Brother** | Great Chagos Bank | A | 0 | 0 | 0 | 0 | 0 | 77 (2014) | 0 | 10 (2010) | 0 | 40 (2009) | 0 | 8 (2013) | 0 | 0 | **32,000 (2012)** | 80 (2013) | 25 (2009) | 35 (2009) |
| Resurgent | Great Chagos Bank | A | 1 (2009) | 0 | 0 | 0 | 140 (2010) | 0 | 7 (2009) | 0 | 0 | 6 (2009) | 0 | 0 | 0 | 4 (2009) | 0 | 0 | 0 | 0 |
| **South Brother** | Great Chagos Bank | A | 300 (2010) | **400 (2014)** | 0 | 0 | 0 | 105 (2009) | 0 | 0 | 0 | 40 (2009) | 0 | 0 | 0 | 2 (2009) | **10,000 (2009)** | 55 (2009) | **11,500 (2015)** | 30 (2009) |
| **Nelson's Island** | Great Chagos Bank | A | 32 (2013) | 5 (2015) | 0 | 0 | 0 | **3,300 (2012)** | 25 (2015) | 250 (2012) | 50 (2010) | 0 | 0 | 0 | 0 | 9 (2018) | 0 | 650 (2012) | **12,000 (2014)** | 25 (2014) |
| **Great Chagos Bank atoll** | | NA | 3,723 | **1,620** | 1 | 0 | 140 | **8,769** | 913 | 560 | 65 | **101** | 0 | 22 | 0 | 32 | **52,000** | 1,134 | **27,735** | 225 |
| Coin | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 (2014) | 10 (2013) | 20 (2009) |
| Anglaise | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 (2009) | 0 | 20 (2009) |
| Monpatre complex | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 (2015) | 0 | 1 (2015) | 0 | 0 | 0 | 2 (2015) | 0 | 2 (2014) |
| Poule | Peros Banhos | P | 0 | 0 | 1 (2015) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 (2012) | 2 (2015) | 0 | 0 | 0 | 8 (2015) | 0 | 2 (2015) |
| Petit Souer | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 (2012) | 0 | 4 (2009) |
| Grand Souer | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 4 (2016) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 (2014) | 0 | 4 (2009) |
| Finon | Peros Banhos | U | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (2016) | 0 | 1 (2016) |
| Verte | Peros Banhos | U | 0 | 0 | 0 | 0 | 0 | 3 (2015) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (2016) | 0 | 1 (2016) |
| Unnamed (Burtle) | Peros Banhos | U | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (2016) |
| Manon | Peros Banhos | U | 0 | 0 | 0 | 0 | 0 | 3 (2015) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 (2009) | 10 (2016) | 5 (2009) |
| Pierre | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 3 (2015) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 (2012) | 0 | 3 (2012) |
| Petite Mapou | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 22 (2012) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 (2014) | 0 | 2 (2014) |
| Grande Mapou | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 10 (2015) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 (2009) | 15 (2014) | 10 (2009) |
| Diamant | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 12 (2013) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 (2009) | 15 (2013) | 10 (2010) |
| Passe | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 54 (2013) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 (2010) | 40 (2016) | 15 (2010) |
| Moresby | Peros Banhos | P | 0 | 0 | 1 (2016) | 0 | 0 | 540 (2013) | 0 | 0 | 0 | 14 (2017) | 0 | 0 | 0 | 0 | 0 | 45 (2012) | 105 (2013) | 25 (2010) |
| Saint Brandon | Peros Banhos | A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (2016) | 0 | 0 | 0 | 0 | 0 | 0 |
| **Parasol** | Peros Banhos | A | 0 | 0 | 0 | 0 | 0 | 96 (2013) | 1 (2016) | 0 | 0 | 0 | 0 | 0 | 0 | 3 (2009) | **37,500 (2012)** | 30 (2010) | 140 (2013) | 10 (2009) |
| **Longue** | Peros Banhos | A | 0 | 0 | 0 | 0 | 0 | 490 (2009) | 3 (2016) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **48,000 (2012)** | 140 (2013) | 1,100 (2014) | 25 (2009) |
| Grand Bois Mangue | Peros Banhos | A | 0 | 0 | 0 | 0 | 0 | 127 (2012) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 (2009) | 2,000 (2009) | 10 (2016) |
| **Petite Bois Mangue** | Peros Banhos | A | 0 | 0 | 0 | 0 | 0 | 120 (2013) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,000 (2009) | 82 (2013) | **14,000 (2014)** | 13 (2009) |
| Manoel | Peros Banhos | U | 0 | 0 | 0 | 0 | 0 | 3 (2015) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 (2009) | 10 (2016) | 15 (2009) |
| Unnamed (Marlin) | Peros Banhos | A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 (2009) | 0 | 0 | 0 | 0 | 0 | 0 |
| Yeye | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 (2009) | 0 | 0 | 0 | 32 (2014) | 55 (2014) | 45 (2009) |
| **Petite Coquillage** | Peros Banhos | A | 0 | 0 | 0 | 0 | 0 | 125 (2009) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **20,000 (2009)** | 140 (2008) | 1,850 (2014) | 20 (2009) |
| **Grand Coquillage** | Peros Banhos | A | 0 | 10 (2009) | 0 | 0 | 0 | 750 (2014) | 0 | 80 (2016) | 5 (2016) | 23 (2012) | 0 | 0 | 0 | 2 (2012) | **38,000 (2012)** | 125 (2013) | 1,500 (2009) | 30 (2009) |
| Coin de Mire | Peros Banhos | A | 2 (2012) | 0 | 0 | 0 | 24 (2015) | 0 | 0 | 0 | 0 | 0 | 4 (2010) | 1 (2012) | 0 | 21 (2015) | 0 | 0 | 0 | 0 |
| Vache Marine | Peros Banhos | E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 (2016) | 0 | 0 | 0 | 0 | 0 | 5 (2009) | 0 | 7 (2018) |
| Fouquet | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 (2012) | 0 | 3 (2009) |
| Mapou de Coin | Peros Banhos | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 (2010) | 0 | 5 (2012) |
| **Peros Banhos atoll** | | NA | 2 | 10 | 2 | 0 | 24 | 2,362 | 4 | 80 | 5 | 72 | 7 | 33 | 0 | 26 | **145,000** | 791 | **20,850** | 308 |
| Boddam | Salomon Islands | P | 0 | 0 | 1 (2013) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 (2013) | 10 (2014) | 30 (2009) |
| Diable | Salomon Islands | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (2015) | 0 | 0 |
| Anglaise | Salomon Islands | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (2015) | 0 | 0 | 0 | 20 (2012) | 10 (2010) | 15 (2010) |
| Passe | Salomon Islands | A | 0 | 0 | 2 (2015) | 0 | 0 | 27 (2013) | 4 (2015) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 (2015) | 400 (2016) | 25 (2009) |
| Mapou | Salomon Islands | A | 0 | 0 | 1 (2014) | 0 | 0 | 100 (2014) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 (2012) | 1,600 (2014) | 13 (2009) |
| Takamaka | Salomon Islands | P | 0 | 0 | 5 (2015) | 0 | 0 | 302 (2016) | 0 | 0 | 0 | 0 | 0 | 25 (2009) | 0 | 0 | 0 | 65 (2014) | 100 (2016) | 25 (2010) |
| Fouquet | Salomon Islands | P | 0 | 0 | 1 (2012) | 0 | 0 | 17 (2012) | 0 | 0 | 0 | 0 | 3 (2013) | 53 (2013) | 0 | 0 | 0 | 25 (2012) | 0 | 10 (2009) |
| Sepulture | Salomon Islands | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 (2013) | 0 | 1 (2014) |
| Jacobin | Salomon Islands | E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 (2013) | 0 | 2 (2010) |
| Sel | Salomon Islands | E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 (2012) | 0 | 1 (2015) |
| Poule | Salomon Islands | P | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 (2010) | 0 | 0 | 0 | 0 | 0 | 1 (2014) | 0 | 1 (2012) |
| Salomon Islands atoll | | NA | 0 | 0 | 10 | 0 | 0 | 446 | 4 | 0 | 0 | 25 | 3 | 77 | 0 | 0 | 0 | 251 | 2,120 | 123 |
| **Chagos Archipelago** | | NA | 3,743 | **1,632** | 21 | 5 | 164 | **21,670** | 924 | 640 | 70 | **282** | 10 | **200** | 5 | 66 | **197,500** | 2,956 | **50,780** | 928 |
| IBA qualifying population | | NA | 15,000 pairs | 300 pairs | 250 pairs | 160 pairs | 1,000 pairs | 3,000 pairs | 1,000 pairs | 1,700 pairs | 1,000 pairs | 200 individuals | 50 individuals | 150 individuals | 250 individuals | 5,000 individuals | 20,000 individuals | 7,500 individuals | 10,000 individuals | 5,000 individuals |

Table S2. The date surveys of the proposed and designated terrestrial Important Bird and Biodiversity Areas in the British Indian Ocean Territory were undertaken (2008–2018).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **ISLAND** | **MONTH (- MONTH)**  **YEAR** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | **11**  **08** | **1**  **09** | **2**  **09** | **4**  **09** | **5**  **09** | **6**  **09** | **7**  **09** | **8**  **09** | **10**  **09** | **2**  **10** | **5**  **10** | **8**  **10** | **3**  **11** | **2-3**  **12** | **7**  **12** | **12**  **12** | **2-3**  **13** | **1**  **14** | **3-4**  **14** | **8**  **14** | **3-4**  **15** | **8**  **15** | **2**  **16** | **3**  **16** | **4**  **17** | **1-2**  **18** | **6-7**  **18** |
| DIEGO GARCIA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DANGER ISLAND |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEA COW |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NORTH BROTHER |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MIDDLE BROTHER |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SOUTH BROTHER |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NELSON |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PETITE BOIS MANGUE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PARASOL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LONGUE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PETITE COQUILLAGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GRAND COQUILLAGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |