**Electronic Supplementary Material**

 Table 1 – Changes in size in Wandering Albatrosses (number of breeding pairs) colonies counted irregularly and comparison with reference colonies (in bold) counted annually during the same time period

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Crozet** | 1972-1974 (Derenne et al. 1976; Despin et al. 1972) | February 1982(Jouventin et al. 1984; Voisin 1984) | January 2008 | January 2017(helicopter) | 2017 - 2018(satellite) |
| Ile des Pingouins |  | 120 | 180 (+50.0%) |  | 171 (-5.0%) |
| Ile aux Cochons  | 1002 | 879 (-12.3%) |  | 1280 (+45.6%) |  |
| Ile de l’Est | 427 | 329 (-23%) |  |  | 284 (-13.7%) |
| **Reference colony****(Ile de la Possession)** |  | **256 (-17.6%)** | **362 (+30.7%)** | **389 (+43.4%)** | **389****(+9.7%)** |
|  |  |  |  |  |  |
| **Kerguelen** | 1971(Derenne et al. 1974) | January 1985(Weimerskirch et al. 1989) | January 2013 | March 2017(helicopter) | March 2017(satellite) |
| Anse de l’Ours |  | 7 |  | 17 (+142.9%) |  |
| Grande Coulée |  | 600 |  | 700 (+16.7%) | 579 |
| Feu de Joie |  | 80 |  | 87 (+8.7%) | 44 |
| Téluromètre |  | 70 | 155 (+115.7%) | 151 (-2.6%) |  |
| Gallieni | 30 | 9 (-70.0%) |  | 10 (+11.1%) |  |
| **Reference colony (Courbet Peninsula)** |  | **295 (-40.3%)** | **334 (+11.7%)** | **322****+9.2%** |  |

Table 2 – Counts (number of breeding pairs) of 3 major populations of Grey-headed Albatrosses at Crozet and Kerguelen archipelagos in 1982-1985 and 2014-2016.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Colony | Year ancient count | Numbers | Year Recent count | Numbers (rate of change) |
| Ile de Croy, Iles Nuageuses, Kerguelen (1) | 1985(Weimerskirch et al. 1989) | 7540 | 2014 | 6360 (-15.6%)-0.54% / year |
| Ile des Apôtres,Crozet | 1982 (Jouventin et al. 1984) | 180 | 2016 | 259 (+43.9%)+ 1.3% / year |
| Ile des PingouinsCrozet | 1982 (Jouventin (Jouventin et al. 1984) et al. 1984) | 2000 | 2016 | 2300 (+15.0%)+0.44% / year |

(1) partial count

Table 3 – Counts (number of breeding pairs) of Indian Yellow-nosed Albatrosses in 1982-1985 and in 2014-2016 at the Kerguelen and Crozet archipelagos.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Colony | Year ancient count | Numbers | Year Recent count | Numbers (rate of change) |
| Ile de Croy, Iles Nuageuses, Kerguelen | 1985 | 50 | 2014 | 23 (-54%)-2.3% / year |
| Ile des Apôtres,Crozet | 1982 | 1230 | 2016 | 1114 (-9.4%)-0.3% / year |
| Ile des PingouinsCrozet | 1982 | 5800 | 2016 | 3098 (-46.6%)-1.4% / year |
| **Reference colony (Amsterdam)** | **1982** | **10368** | **2016** | **5878****-1.1% per year** |

Table 4 – Numbers of breeding pairs of Black-browed Albatrosses at Ile de Croy (Kerguelen) and on Ile des Pingouins and Ile des Apôtres (Crozet) in 1982-1985 and in 2014-2016.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Colony | Year ancient count | Numbers | Year Recent count | Numbers (rate of change) |
| Ile de Croy, Iles Nuageuses, Kerguelen (1) | 1985 | 1253 | 2014 | 1290 (+2.9%)+0.1%/year |
| Ile des Apotres,Crozet | 1982 | 330 | 2016 | 252 (-23.6%)-0.7% / year |
| Ile des PingouinsCrozet | 1982 | 300 | 2016 | 108 (-64%)-1.9% / year |
| **Reference (Jeanne D’Arc, Kerguelen** | **1976** | **1200** | **2014** | **945****-0.21% / year** |

(1) partial count

Image 1 - Satellite image of the Grande Coulée at Kerguelen taken on 17 March 2017. Yellow dots are individual wandering albatrosses



Image 2 – Upper photograph: Photograph taken from helicopter on 17 November 2016 of a cliff at Ile des Apôtres, Crozet, showing part of a Yellow-nosed Albatross colony. Lower Photograph: enlargement showing breeding and non-breeding Salvin’s and Black-browed Albatrosses, all other birds are Yellow-nosed Albatrosses



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