***Ornitología Neotropical***

Supplementary Material

**GENETIC and DemographIC Dynamics of Breeding Colonies in the Patagonian Kelp Gull**

**La Dinámica Genética y Demográfica de las Colonias Reproductivas de la Gaviota Cocinera**

**Amanda C. Lyons,1 Nora Lisnizer,2 Pablo Garcia-Borboroglu,2,3 Pablo Yorio,2,4 & Juan L. Bouzat1, 5**

1Department of Biological Sciences, Bowling Green State University, Bowling Green, OH 43403, USA.

2Centro Nacional Patagónico, CENPAT-CONICET, Puerto Madryn, Chubut U9120ACV, Argentina.

3Department of Biology, 24 Kincaid Hall, Box 351800, University of Washington, Seattle, WA 98195-1800, USA.

4Wildlife Conservation Society, Amenábar 1595, P 2, Office 19, C1426AKC, Buenos Aires, Argentina.

5Corresponding author. *E-mail:* jbouzat@bgsu.edu

**Supplementary Material:**  Sampling localities of individual birds and corresponding haplotypes.

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| **Colony** |  | **Haplotype** |
|  | **ID** |  | **MPLPR-*Ldom*0##** |  | **βFib-*Ldom*0##** |
|  |  |  | **01** | **02** | **05** | **06** | **07** | **08** | **10** | **11** |  | **01** | **02** | **03** | **04** | **05** | **06** | **07** | **08** | **09** | **10** | **11** | **12** |
|  |  |  | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** |  | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** | **GenBank#** |
| **Islote La Pastosa** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | P3 |  | X | X |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
|  | P4 |  | X/X |  |  |  |  |  |  |  |  | X |  |  |  | X |  |  |  |  |  |  |  |
|  | P5 |  | X/X |  |  |  |  |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |
|  | P6 |  |  |  |  | X |  | X |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
|  | P7 |  | X/X |  |  |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | P8 |  | X |  | X |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | P9 |  | X |  | X |  |  |  |  |  |  | X |  |  |  |  | X |  |  |  |  |  |  |
|  | P10 |  | X/X |  |  |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | P11 |  | X/X |  |  |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | P12 |  | X |  |  | X |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
|  | P13 |  | X/X |  |  |  |  |  |  |  |  | X |  |  |  | X |  |  |  |  |  |  |  |
|  | P14 |  | X/X |  |  |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | P15 |  | X |  | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | X |  |  |
|  | P16 |  | X |  |  |  | X |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | P17 |  | X/X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | X |
|  | P18 |  |  |  | X/X |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
|  | P19 |  | X/X |  |  |  |  |  |  |  |  |  |  | X |  |  | X |  |  |  |  |  |  |
|  | P20 |  |  |  |  | X/X |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |

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|  |  |  | **01** | **02** | **05** | **06** | **07** | **08** | **10** | **11** |  | **01** | **02** | **03** | **04** | **05** | **06** | **07** | **08** | **09** | **10** | **11** | **12** |
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| **Punta León** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | L2 |  | X |  |  |  |  | X |  |  |  |  |  | X |  |  | X |  |  |  |  |  |  |
|  | L3 |  | X |  |  | X |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | L4 |  | X |  | X |  |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |
|  | L6 |  | X/X |  |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
|  | L151 |  | X/X |  |  |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | L152 |  |  |  | X |  |  | X |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |
|  | L154 |  | X |  | X |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
|  | L155 |  | X |  | X |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | L156 |  | X |  | X |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | L157 |  | X |  | X |  |  |  |  |  |  |  |  | X |  |  |  |  | X |  |  |  |  |
|  | L158 |  | X/X |  |  |  |  |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |
|  | L159 |  | X |  |  | X |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | L160 |  |  |  | X/X |  |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |
|  | L161 |  | X |  |  | X |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | L162 |  |  |  |  |  |  | X/X |  |  |  | X |  |  |  |  |  |  | X |  |  |  |  |
|  | L163 |  | X/X |  |  |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | L172 |  |  |  | X | X |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | L173 |  | X |  | X |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | L178 |  | X |  | X |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |

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| **Punta Tombo** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | T# |  | X |  |  | X |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |
|  | T1 |  | X |  | X |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | T2 |  | X |  | X |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | T3 |  | X |  |  |  | X |  |  |  |  | X |  |  |  |  |  |  | X |  |  |  |  |
|  | T4 |  |  |  | X |  |  |  | X |  |  |  | X | X |  |  |  |  |  |  |  |  |  |
|  | T5 |  | X |  | X |  |  |  |  |  |  |  |  |  |  |  | X |  | X |  |  |  |  |
|  | T6 |  | X/X |  |  |  |  |  |  |  |  |  |  | X |  |  | X |  |  |  |  |  |  |
|  | T7 |  | X |  | X |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | T8 |  | X |  |  |  |  |  |  | X |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | T10 |  | X |  | X |  |  |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |
|  | T11 |  | X |  |  | X |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | T12 |  | X | X |  |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | T13 |  | X |  | X |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |
|  | T14 |  | X |  | X |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |
|  | T15 |  | X |  | X |  |  |  |  |  |  |  |  | X |  |  | X |  |  |  |  |  |  |
|  | T16 |  | X |  | X |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | T17 |  | X |  | X |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | T20 |  | X |  | X |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
|  | T21 |  |  |  | X/X |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | T22 |  |  |  | X | X |  |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Isla Vernaci** **Sudoeste** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | V2 |  | X |  | X |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | V3 |  | X |  | X |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
|  | V4 |  | X |  |  | X |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |
|  | V5 |  | X |  | X |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | V6 |  | X |  | X |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |
|  | V7 |  |  |  | X/X |  |  |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |
|  | V8 |  | X/X |  |  |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |  |  |
|  | V9 |  | X/X |  |  |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |
|  | V11 |  |  |  | X | X |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | V2P |  | X/X |  |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
|  | V3P |  | X |  | X |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | V4P |  | X/X |  |  |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | V5P |  |  |  | X | X |  |  |  |  |  |  |  | X |  |  |  | X |  |  |  |  |  |
|  | V6P |  | X | X |  |  |  |  |  |  |  |  | X |  |  |  |  | X |  |  |  |  |  |
|  | V7P |  | X |  | X |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
|  | V8P |  | X/X |  |  |  |  |  |  |  |  | X |  |  |  |  |  | X |  |  |  |  |  |
|  | V9P |  |  |  | X | X |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |
|  | V10P |  | X/X |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  | X |  |  |  |  |
|  | V4PA |  | X |  | X |  |  |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |
|  | V7PA |  | X |  | X |  |  |  |  |  |  |  |  | X/X |  |  |  |  |  |  |  |  |  |