**First Record of Maternal Behavior in Leopard Seals: The Longest Documented Cases of Postmortem Attentive Behavior in Pinnipeds**

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**Supplemental Material**

Table 1. Body measurements (cm) of the female leopard seal pup carcass collected on November 16, 2023.

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| **Body Measurements** | **Lengths (cm)** |
| Standard Length (tip of nose to tip of tail) | 160 |
| Curve Length | 166 |
| Nose to Ear Length | 24 |
| Nose to Neck Length | 40 |
| Nose to Axillary Length | 66 |
| Nose to Sternum Length | 76 |
| Nose to Midline Length | 87 |
| Nose to Umbilical Length | 106 |
| Nose to Pelvic Length | 131 |
| Nose to Ankles Length | 146 |
| Pectoral Flipper Length | 37 |
| Pelvic Flipper Length | 32 |
| Umbilical Cord Length | 12.5 |
| Sternum | 10 |
| Skull Length | 27 |
| Skull Width (Zygomatic Arch to Zygomatic Arch) | 13 |
| **Body Measurements** | **Girths (cm)** |
| Ears | 47 |
| Neck | 44 |
| Axillary | 104 |
| Sternum | 79 |
| Midline | 74 |
| Umbilical | 65 |
| Pelvic | 54 |
| Ankles | 49 |

Table 2. List of collaborators who provided photographs, videos, and logistic support in both study sites where Postmortem Attentive Behavioral data was recorded. SR: San Rafael Lagoon National Park, Aysen Region, Chile and PF: Parry Fjord, Almirantazgo Sound, Southern Patagonia, Chile.

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| **Figure/video** | **Location** | **Credits** | **Type of Record provided or role** |
| Fig1,4/LSR01\_2021 | SR | Daniel Torres | Picture/Video |
| LSR01\_2023 | SR | Cristian Aravena | Video |
| LSR01\_2024 | SR | Alexander Avendaño | Video |
| LSR01\_2023 | SR | Claudio Bütler | Picture/Video |
| Fig1,2,3,4/LSR01\_2023, Timelapse Necropsy | SR | Emily Sperou | Picture/Video |
| Fig1,2,3,4/LSR01\_2023, LSR01\_2024, TF13\_2021, External Observations | SR/PF | Renato Borras-Chavez | Picture/Video |
| Fig1,4/LSR01\_2023 | SR | Diego Quezada Coñuecar | Logistic support |
| Fig1,4/LSR01\_2023 | SR | Nicolás Mella | Logistic support |
| Fig1,4/LSR01\_2023, LSR01\_2024 | SR | Hector Marchant | Logistic support |
| Fig1,4/LSR01\_2023, LSR01\_2024 | SR | Marcelo Donke | Logistic support |
| TF13\_2021 | PF | Carolina Aravena | Video |
| TF13\_2021 | PF | Dayane Osman | Video |
| TF13\_2021 | PF | Iván Gómez | Video |