Appendix 1.

Explored localities of the La Meseta and Submeseta formations, during the field season 2014 in Marambio Island

|  |  |  |  |  |
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| Localities | Coordinates | m.a.s.l. | Formation | Allomember |
| 1 | 64º 13,695'S | 13 | La Meseta | Campamento |
|  | 56º 39,585'W |  |  |  |
| 2 | 64º 13,737'S | 41 | La Meseta | Campamento |
|  | 56º 39,430'W |  |  |  |
| 3 | 64º 13' 43,6''S | 31 | La Meseta | Campamento |
|  | 56º 39' 21,6''W |  |  |  |
| 4 | 64º 13' 42,1''S | 30 | La Meseta | Campamento |
|  | 56º 39' 16,3''W |  |  |  |
| 5 | 64º 13' 49,7''S | 7 | La Meseta | Campamento |
|  | 56º 39' 49,8''W |  |  |  |
| 6 | 64 º 13' 48,3''S | 30 | La Meseta | Campamento |
|  | 56º 39' 23,8''W |  |  |  |
| 7 | 64º 13' 41''S |  | La Meseta | Campamento |
|  | 56º 39' 23,9''W |  |  |  |
| 8 | 64º 13' 41''S |  | La Meseta | Campamento |
|  | 56º 39' 10,6''W |  |  |  |
| 10 | 64º 12' 59,9''S | 31 | La Meseta | Acantilados I |
|  | 56º 37' 28,7''W |  |  |  |
| 11 | 64º 13' 58''S |  | La Meseta | *Cucullaea* I |
|  | 56º 38' 15''W |  |  |  |
| 12 | 64º 13' 56,4''S | 51 | La Meseta | *Cucullaea* I |
|  | 56º 39' 0,86''W |  |  |  |
| 13 | 64º 13' 24,2''S | 2 | La Meseta | Acantilados II |
|  | 56º 38' 43,7''W |  |  |  |
| 14 | 2 m from locality 10 |  | La Meseta | Scouring from Campamento |
|  |  | Allomember |
| 15 | 64º 13' 18,5''S | 128 | La Meseta | Campamento |
|  | 56º 37' 32,1''W |  |  |  |
| 16 | 64º 14' 02,7''S | 112 | La Meseta | *Cucullaea* II |
|  | 56º 39' 37,9''W |  |  |  |
| 17 | Jonas Hill |  | La Meseta | Acantilados II |
|  |  |  |  | (Concretional beds) |
| 21 |  |  | La Meseta | *Cucullaea* I |
|  |  |  |  |  |
| 22 |  |  | Submeseta | Unit 39: South header |
|  |  |  |  | of the aircraft landing strip, west slope of the plateau |
| 23 |  |  | Submeseta | Bed below of that of locality 22 |
| 24 |  |  | Submeseta | Unit 37: east slope of the plateau |
| 25 |  |  | Submeseta | Unit 38: east slope of the plateau |
| 26 |  |  | Submeseta | Unit 38: west slope of the plateau |
| 27 | 64º 13' 45,6''S | 0 | La Meseta | Campamento: Campamento point |
|  | 56º 39' 55,9''W |  |  | beach |
| 28 | 64º 14' 10,5''S | 61 | La Meseta | *Cucullaea* I |
|  | 56º 39' 55,4''W |  |  |  |
| 29 |  |  | La Meseta | *Cucullaea* I: white beds of the valley that ends in Sergios point |
| 30 | 64º 14' 16,5''S | 126 | La Meseta | *Cucullaea* II: Unit 36 |
|  | 56º 39' 08,5''W |  |  |  |
| 32 | 64º 14' 01,6''S | 55 | La Meseta | *Cucullaea* I |
|  | 56º 39' 23,1''W |  |  |  |
| 33 | 64º 14' 01,0''S | 55 | La Meseta | *Cucullaea* I |
|  | 56º 39' 20,9''W |  |  |  |
| 34 | 64º 14' 10,5''S | 61 | La Meseta | *Cucullaea* I |
|  | 56º 39' 55,4''W |  |  |  |
| 35 |  |  | La Meseta | Campamento: plain in the north side of La Traición creek |
| 36 |  |  | Submeseta | Last bed of veneroids, north header of the aircraft landing strip, west slope of the plateau |
| 37 |  |  | Submeseta | Last bed of veneroids just below Weddell Fm., halfway of the aircraft landing trip, west slope |
| 38 |  |  | Submeseta | Between localities 22 and 37 |