**Supplementary Material**

Multi-scale habitat use analysis and interspecific ecology of the Critically Endangered Black-breasted Puffleg *Eriocnemis nigrivestis*

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Appendix S1. Summary of Black-breasted Puffleg (BBP) and Gorgeted Sunangel (GS) presence / absence records at vegetation plots in three transects at the north-western flanks of Pichincha volcano over the period 2007–2012.

Appendix S1.Summary of Black-breasted Puffleg (BBP) and Gorgeted Sunangel (GS) presence / absence records at vegetation plots in three transects at the north-western flanks of Pichincha volcano over the period 2007–2012. Plots outside transects where the BBP was detected at Esperanza hill also included.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Transect Code** | **Transect Position** | **Presence - Absence** | **Sex**  | **Observer** |
| **BBP**  | **GS** | **BBP** | **GS** | **BBP** | **GS** |
| YANA01 | 0-25 | P | A | M |  –  | Mena | – |
| YANA01 | 75-100 | P | A | M | – | Mena | – |
| YANA01 | 150-175 | A | A | – | – | – | – |
| YANA01 | 225-250 | P | A | M | – | Mena | – |
| YANA01 | 425-450 | A | A | – | – | – | – |
| YANA01 | 500-525 | A | A | – | – | – | – |
| YANA01 | 550-575 | A | A | – | – | – | – |
| YANA01 | 600-625 | P | A | F | – | Guevara | – |
| YANA01 | 675-700 | A | A | – | – | – | – |
| YANA01 | 700-725 | A | A | – | – | – | – |
| YANA01 | 825-850 | A | A | – | – | – | – |
| YANA01 | 875-900 | A | A | – | – | – | – |
| YANA01 | 950-975 | A | A | – | – | – | – |
| YANA01 | 1000-1025 | P | A | M | – | Mena | – |
| YANA01 | 1150-1175 | A | A | – | – | – | – |
| VECO01 | 0-25 | A | A | – | – | – | – |
| VECO01 | 175-200 | A | A | – | – | – | – |
| VECO01 | 225-250 | A | A | – | – | – | – |
| **Transect Code** | **Transect Position** | **Presence - absence** | **Sex** | **Observer** |
|  | **BBP** | **GS** | **BBP** | **GS** | **BBP** | **GS** |
| VECO01 | 300-325 | A | A | – | – | – | – |
| VECO01 | 350-375 | P | A | M | – | Hipo | – |
| VECO01 | 375-400 | A | A | – | – | – | – |
| VECO01 | 400-425 | A | A | – | – | – | – |
| VECO01 | 550-575 | A | A | – | – | – | – |
| VECO01 | 625-650 | A | A | – | – | – | – |
| VECO01 | 825-850 | P | P | F | U | Guevara | Cupuerán  |
| VECO01 | 950-975 | P | A | F, M | – | Cupuerán | – |
| VECO01 | 975-1000 | P | A | U | – | Guevara | – |
| VECO01 | 1000-1025 | A | A | – | – | – | – |
| VECO01 | 1050-1075 | P | P | M | U | Guevara | Cupuerán  |
| VECO01 | 1075-1100 | P | A | F | – | Cupuerán | – |
| ALPU01 | 0-25 | A | P | – | M | – | Guevara |
| ALPU01 | 100-125 | P | P | M | M, F | Guevara | Guevara |
| ALPU01 | 125-150 | P | A | M | – | Guevara | – |
| ALPU01 | 150-175 | P | P | F | F | Guevara | Guevara |
| ALPU01 | 200-225 | A | P | – | F | – | Guevara |
| ALPU01 | 275-300 | A | P | – | U | Guevara | Guevara |
| ALPU01 | 375-400 | A | P | – | M | – | Guevara |
| ALPU01 | 525-550 | A | A | – | – | – | – |
| ALPU01 | 675-700 | A | P | – | M | – | Guevara |
| ALPU01 | 700-725 | P | P | M | U | Hipo | Guevara |
|  |  |  |  |  |  |  |  |
| **Transect Code** | **Transect Position** | **Presence - absence** | **Sex** | **Observer** |
|   |  **BBP GS**  | **BBP GS** |  **BBP GS** |
| ALPU01 | 775-800 | A | P | – | U | – | Guevara |
| ALPU01 | 825-850 | A | P | – | M | – | Guevara |
| ALPU01 | 950-975 | A | P | – | F | – | Guevara |
| ALPU01 | 1000-1025 | A | P | – | M | – | Guevara |
| ALPU01 | 1075-1100 | A | P | – | M | – | Guevara |
| ALPU01 | 1175-1200 | A | P | – | M | – | Guevara |
| ESPEPP01 | – | P | A | M | –  | Hipo | – |
| ESPEPP02 | – | P | A | M | – | Hipo | – |
| ESPEPP03 | – | P | A | M | – | Hipo | – |
| ESPEPP04 | – | P | A |  M | – | Hipo | – |