**Supplementary Material**

Factors influencing the distribution and abundance of endemic pigeons on São Tomé Island (Gulf of Guinea)

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Appendix S1. Coordinates for the initial point of each transect’s main habitat sections and the corresponding numbers of birds recorded in each seasonal replicate.

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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Transect line** | **Habitat** | **Length (km)** | **Coordinates initial point** | | **Lemon Dove** | | **São Tomé Green Pigeon** | | **Bronze-naped Pigeon** | | **Maroon Pigeon** | |
| ***x*** | ***y*** | ***n (wet)*** | ***n (dry)*** | ***n (wet)*** | ***n (dry)*** | ***n (wet)*** | ***n (dry)*** | ***n (wet)*** | ***N (dry)*** |
| Transect 1 | Old-growth | 4.6 | N0 17.173 | E6 36.040 | 22 | 57 | 58 | 37 | 28 | 2 | 10 | 0 |
|  | Secondary | 0.3 | N0 18.046 | E6 36.010 | 3 | 0 | 0 | 0 | 2 | 0 | 1 | 0 |
|  | Shade | 0.1 | N0 18.274 | E6 36.033 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Transect 2 | Shade | 1.0 | N0 13.497 | E6 29.062 | 17 | 24 | 12 | 52 | 71 | 3 | 1 | 0 |
|  | Secondary | 0.6 | N0 13.434 | E6 29.459 | 3 | 2 | 4 | 2 | 0 | 0 | 0 | 0 |
|  | Non-Forested | 0.4 | N0 13.378 | E6 29.787 | 0 | 2 | 0 | 2 | 3 | 1 | 0 | 1 |
|  | Secondary | 2.2 | N0 13.389 | E6 30.035 | 17 | 16 | 13 | 6 | 58 | 1 | 0 | 0 |
|  | Old-growth | 0.8 | N0 13.254 | E6 30.942 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Transect 3 | Secondary | 5.0 | N0 15.847 | E6 36.785 | 26 | 42 | 11 | 2 | 21 | 11 | 0 | 0 |
| Transect 4 | Secondary | 0.3 | N0 17.680 | E6 36.974 | 8 | 17 | 0 | 0 | 8 | 4 | 0 | 0 |
|  | Shade | 1.0 | N0 17.868 | E6 36.932 | 12 | 4 | 4 | 18 | 12 | 3 | 0 | 0 |
|  | Secondary | 0.7 | N0 18.088 | E6 37.026 | 14 | 12 | 0 | 2 | 28 | 5 | 0 | 0 |
|  | Shade | 3.0 | N0 18.611 | E6 37.227 | 36 | 21 | 0 | 0 | 66 | 17 | 0 | 0 |
| Transect 5 | Non-Forested | 0.1 | N0 07.398 | E6 35.207 | 0 | 3 | 0 | 4 | 4 | 0 | 0 | 0 |
|  | Secondary | 2.4 | N0 07.445 | E6 35.174 | 44 | 54 | 0 | 16 | 14 | 8 | 0 | 0 |
|  | Old-growth | 2.5 | N0 08.460 | E6 34.312 | 24 | 9 | 4 | 48 | 0 | 2 | 0 | 2 |
| Transect 6 | Non-Forested | 1.0 | N0 24.186 | E6 39.473 | 8 | 2 | 0 | 0 | 52 | 34 | 0 | 0 |
| Transect 7 | Non-Forested | 1.0 | N0 24.644 | E6 39.309 | 0 | 7 | 0 | 0 | 35 | 14 | 0 | 0 |
| Transect 8 | Secondary | 1.0 | N0 18.439 | E6 35.890 | 11 | 22 | 9 | 4 | 24 | 28 | 0 | 0 |
| Transect 9 | Secondary | 1.0 | N0 19.136 | E6 35.989 | 13 | 3 | 0 | 14 | 69 | 1 | 0 | 0 |
| Transect 10 | Secondary | 1.0 | N0 13.953 | E6 28.360 | 22 | 8 | 6 | 5 | 71 | 6 | 0 | 0 |
| Transect 11 | Shade | 0.2 | N0 14.018 | E6 28.751 | 6 | 3 | 0 | 0 | 14 | 4 | 0 | 0 |
|  | Secondary | 0.8 | N0 13.966 | E6 28.861 | 9 | 11 | 5 | 2 | 26 | 4 | 0 | 0 |
| Transect 12 | Old-growth | 1.0 | N0 16.185 | E6 34.589 | 7 | 8 | 6 | 3 | 2 | 0 | 2 | 0 |
| Transect 13 | Old-growth | 1.0 | N0 15.849 | E6 33.730 | 18 | 0 | 1 | 17 | 1 | 1 | 3 | 17 |
| Transect 14 | Secondary | 1.0 | N0 05.708 | E6 35.310 | 24 | 28 | 7 | 16 | 21 | 38 | 0 | 0 |
| Transect 15 | Secondary | 1.0 | N0 05.183 | E6 35.241 | 26 | 13 | 4 | 0 | 13 | 0 | 0 | 0 |
| ***Total*** | | ***35.0*** |  | | ***389*** | ***370*** | ***144*** | ***250*** | ***643*** | ***187*** | ***16*** | ***21*** |