Table S1: Plots location with biomass in g/0.25 m2 and inferred in ton/ha.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Latitude** | **Longitude** | **Altitude** | **vegetation type** | **biomass (g/0.25m2)** | **Biomass****(ton/há)** |
| 27001 | 13.70305° | 17.06560° | 1540 | bg | 1430 | 57.2 |
| 27002 | 13.70375° | 17.06529° | 1471 | bg | 1000 | 40 |
| 27003 | 13.68027° | 16.99178° | 1442 | bg | 2030 | 81.2 |
| 27004 | 13.67840° | 16.98407° | 1547 | bg | 1350 | 54 |
| 27007 | 13.70657° | 17.06010° | 1540 | bg | 2380 | 95.2 |
| 27008 | 13.65637° | 17.01741° | 1515 | bg | 560 | 22.4 |
| 27009 | 13.66040° | 17.01403° | 1562 | bg | 980 | 39.2 |
| 27012 | 13.69826° | 17.08528° | 1451 | bg | 970 | 38.8 |
| 27013 | 13.68868° | 17.08887° | 1522 | bg | 1470 | 58.8 |
| 27014 | 13.70506° | 17.06548° | 1397 | bg | 1440 | 57.6 |
| 27015 | 13.70769° | 17.06585° | 1543 | bg | 1250 | 50 |
| 27016 | 13.69880° | 17.04457° | 1486 | bg | 1890 | 75.6 |
| 27017 | 13.70598° | 17.04267° | 1554 | bg | 1230 | 49.2 |
| 27018 | 13.70266° | 17.07129° | 1470 | bg | 1120 | 44.8 |
| HP01 | 13.70314° | 17.07074° | 1530 | bg | 417 | 16.68 |
| HP02 | 13.70254° | 17.06912° | 1543 | bg | 1237 | 49.48 |
| HP03 | 13.70397° | 17.06878° | 1534 | bg | 1127 | 45.08 |
| HP04 | 13.70250° | 17.06835° | 1553 | bg | 114 | 4.56 |
| HP05 | 13.70433° | 17.06794° | 1524 | bg | 641 | 25.64 |
| HP06 | 13.70349° | 17.06727° | 1527 | bg | 682 | 27.28 |
| HP07 | 13.70385° | 17.06729° | 1522 | bg | 797 | 31.88 |
| HP08 | 13.70307° | 17.06696° | 1522 | bg | 1909 | 76.36 |
| HP09 | 13.70289° | 17.06611° | 1515 | bg | 910 | 36.4 |
| HP10 | 13.70286° | 17.06552° | 1527 | bg | 1066 | 42.64 |
| HP11 | 13.70328° | 17.06468° | 1523 | bg | 1580 | 63.2 |
| HP12 | 13.70342° | 17.06387° | 1525 | bg | 1189 | 47.56 |
| HP13 | 13.70263° | 17.06360° | 1530 | bg | 408 | 16.32 |
| HP14 | 13.70175 | 17.06374° | 1549 | bg | 428 | 17.12 |
| HP15 | 13.70129 | 17.06279° | 1542 | bg | 476 | 19.04 |
| 27005 | 13.72252º | 17.09781º | 1472 | Pg | 800 | 32 |
| 27006 | 13.69849º | 17.10631º | 1475 | Pg | 520 | 20.8 |
| 27010 | 13.73372º | 17.09409º | 1446 | Pg | 920 | 36.8 |
| 27011 | 13.71732º | 17.09150º | 1512 | pg | 1140 | 45.6 |
| 23601 | 13.70858º | 17.10485° |  | pg | 378 | 15.12 |
| 23602 | 13.70728º | 17.10361° |  | pg | 424 | 16.96 |
| 23603 | 13.70789 | 17.10324° |  | pg | 693 | 27.72 |
| 23604 | 13.70786 | 17.10229° |  | pg | 37 | 1.48 |
| 23605 | 13.70790 | 17.10029° |  | pg | 38 | 1.52 |
| 23606 | 13.70825 | 17.09911° |  | pg | 136 | 5.44 |
| 23607 | 13.70813 | 17.09585° |  | pg | 14 | 0.56 |
| 23608 | 13.70749 | 17.09497° |  | pg | 176 | 7.04 |
| 23609 | 13.70552 | 17.09408° |  | pg | 228 | 9.12 |
| 23610 | 13.70555 | 17.09327° |  | pg | 64 | 2.56 |
| 23611 | 13.70531 | 17.09326° |  | pg | 61 | 2.44 |
| 23612 | 13.70721 | 17.09258° |  | pg | 532 | 21.28 |
| 23613 | 13.70839 | 17.09202° |  | pg | 541 | 21.64 |
| 23614 | 13.70780 | 17.09175° |  | pg | 511 | 20.44 |
| 23615 | 13.70701 | 17.09003° |  | pg | 679 | 27.16 |

Vegetation tipe: bg=*Brachystegia* grassland; pg=*Parinari* grassland.