**S4 Table.** **Absolute total numbers of all animals counted during aerial surveys of Gorongosa National Park.** Records are limited to Rift Valley habitat within the limits of the 2014-2016 count block. Grey cells are years in which given species were not surveyed. Numbers can be converted into biomass by multiplying by the species-specific body mass estimates shown in the 2nd column.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  | **Year of aerial count** | | |  |  |  |  |  |  |  |
|  |  | **1969** | **1970** | **1972** | **1994** | **1997** | **2000** | **2001** | **2002** | **2004** | **2007** | **2010** | **2012** | **2014** | **2016** | **2018** |
| **Km2 surveyed** | | 1,708 | 1,708 | 1,708 | 68 | 114 | 230 | 426 | 413 | 169 | 442 | 442 | 467 | 1,708 | 1,708 | 1,708 |
| **Species** | **kg** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Elephant | 3,825 | 929 | 1,473 | 1,146 | 5 | 3 | 163 |  | 79 |  | 168 | 165 | 144 | 535 | 563 | 544 |
| Buffalo | 593 | 6,098 | 10,545 | 6,200 |  |  |  | 15 | 26 |  | 1 | 290 | 244 | 670 | 697 | 959 |
| Wildebeest | 199 | 1,734 | 6,745 | 3,093 |  |  |  |  |  |  | 9 | 110 | 361 | 358 | 363 | 556 |
| Waterbuck | 204 | 3,291 | 2,054 | 3,194 | 6 | 131 | 386 | 418 | 1,071 | 613 | 2,247 | 5,521 | 4,741 | 34,409 | 44,787 | 55,048 |
| Zebra | 279 | 1,051 | 2,695 | 2,013 | 3 |  | 2 |  | 6 |  | 2 | 12 | 5 | 18 | 13 | 13 |
| Eland | 563 | 76 | 283 | 17 |  |  |  |  |  |  |  | 43 |  | 104 | 92 | 79 |
| Sable | 236 | 81 | 167 | 111 |  |  |  | 30 | 12 | 64 | 67 | 85 | 227 | 690 | 739 | 768 |
| Hartebeest | 169 | 133 | 421 | 96 |  |  | 15 | 5 | 9 | 6 | 125 | 141 | 200 | 538 | 527 | 532 |
| Hippo | 1,536 | 2,972 | 2,972 | 3,483 |  | 7 | 50 | 44 | 9 | 63 | 179 | 226 | 227 | 436 | 440 | 546 |
| Bushbuck | 43 |  |  |  |  | 5 | 84 | 40 | 154 | 31 | 354 | 386 | 235 | 2,210 | 1,995 | 1635 |
| Bushpig | 69 |  |  |  |  |  | 25 | 10 | 15 |  | 78 | 55 | 44 | 166 | 108 | 178 |
| Reedbuck | 58 |  |  |  | 12 |  | 175 | 138 | 380 | 156 | 2,052 | 2,648 | 1,981 | 11,807 | 10,434 | 10,176 |
| Grey duiker | 16 |  |  |  |  |  | 3 | 2 | 2 | 4 | 19 | 30 | 8 | 33 | 32 | 23 |
| Impala | 53 |  |  |  |  | 11 | 32 | 16 | 54 | 54 | 253 | 323 | 547 | 2,628 | 4,515 | 5,980 |
| Kudu | 206 |  |  |  |  | 24 | 6 | 5 | 18 | 46 | 115 | 159 | 187 | 1,169 | 1,403 | 1,898 |
| Nyala | 88 |  |  |  |  | 16 | 36 | 26 | 49 | 13 | 76 | 270 | 45 | 883 | 1,254 | 1,831 |
| Oribi | 17 |  |  |  | 1 | 41 | 58 | 40 | 246 | 45 | 583 | 1,107 | 257 | 4,404 | 3,833 | 3,936 |
| Red duiker | 13 |  |  |  |  |  |  |  |  |  | 10 | 5 | 6 | 19 | 20 | 19 |
| Warthog | 82 |  |  |  |  | 39 | 153 | 248 | 771 | 240 | 1627 | 2268 | 2328 | 8938 | 5316 | 10633 |