**Supp.Table 1.** List of dung beetle species caught during pitfall trapping during 2015-2016 in the Aberdare National Park, Kenya and the total number of individuals captured in each habitat type.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Binomial Name | Bamboo | Bushland/Shrub | Hagenia Forest | Juniper Forest | Podocarpus Forest | Ericaceous |
| *Caccobius n.sp* | 1 | 2 | 15 | 173 | 67 | 0 |
| *Catharsius gibbicollis* | 0 | 106 | 1 | 2 | 0 | 0 |
| *Catharsius sestrostris* | 0 | 4 | 0 | 2 | 3 | 0 |
| *Copris atropolitus* | 0 | 19 | 0 | 0 | 1 | 0 |
| *Copris morphaeus* | 0 | 59 | 22 | 30 | 25 | 0 |
| *Copris algol* | 0 | 294 | 26 | 44 | 31 | 0 |
| *Copris typhoeus* | 0 | 4 | 0 | 5 | 4 | 0 |
| *Diastellopalpus johnstoni* | 0 | 0 | 13 | 19 | 21 | 0 |
| *Epidrepanus kenyensis* | 0 | 0 | 0 | 4 | 2 | 0 |
| *Euoniticellus intermedius* | 0 | 57 | 0 | 4 | 0 | 0 |
| *Heliocopris hunteri* | 0 | 3 | 77 | 116 | 45 | 0 |
| *Heliocopris neptunus* | 0 | 26 | 0 | 2 | 0 | 0 |
| *Heliocopris stroehli* | 0 | 76 | 0 | 1 | 0 | 0 |
| *Hetronitis ragazzii* | 0 | 4 | 0 | 2 | 0 | 0 |
| *Ixodina abysinnicus* | 0 | 1 | 0 | 5 | 2 | 0 |
| *Liatongus arrowi* | 0 | 1 | 2 | 6 | 0 | 0 |
| *Milichus picticollis* | 0 | 4 | 35 | 74 | 35 | 0 |
| *Neocolobopterus kivuanus* | 2 | 4 | 0 | 444 | 89 | 0 |
| *Neocolobopterus sengelensis* | 32 | 1 | 379 | 287 | 259 | 126 |
| *Oniticellus planatus* | 0 | 58 | 11 | 103 | 46 | 32 |
| *Onitis anthracinus* | 0 | 0 | 3 | 105 | 39 | 0 |
| *Onitis meyeri* | 0 | 0 | 0 | 30 | 37 | 0 |
| *Onitis parvulus* | 0 | 4 | 49 | 75 | 38 | 0 |
| *Onthophagis nigriventis* | 0 | 161 | 9 | 63 | 46 | 0 |
| *Onthophagus proteus* | 3 | 22 | 22 | 30 | 13 | 142 |
| *Onthophagus dohertyi* | 111 | 0 | 21 | 308 | 204 | 3 |
| *Onthophagus filicornis* | 26 | 0 | 3 | 143 | 61 | 111 |
| *Onthophagus fimetarius* | 29 | 1 | 51 | 46 | 0 | 26 |
| *Onthophagus miricornis* | 1 | 17 | 0 | 22 | 8 | 29 |
| *Onthophagus sp1* | 99 | 12 | 61 | 102 | 8 | 1 |
| *Onthophagus spurcatus* | 9 | 22 | 55 | 446 | 235 | 1 |
| *Proagoderus sexcornutus* | 0 | 0 | 165 | 297 | 129 | 9 |
| *Sisyphus sp.* | 0 | 5 | 0 | 0 | 0 | 0 |
| Total | 164 | 967 | 1987 | 2990 | 1448 | 480 |