

| Baboon species | | | Olive | | | | | Yellow | | | | | Chacma | | | | Guinea | Hamadryas |
|--------------------------|------------------------|-------------------------------|-----------------------------------|----------------|------------------|-------------------|-----------------------|----------------------|-------------------------------|------------------------------|-------------------|------------|-------------------------------|-----------------------------|--|----------------------------|-----------------|---|
| Country | | | Kenya | Kenya | Tanzania | Uganda | Nigeria | Tanzania | Kenya | Kenya | Kenya | Kenya | Namibia | Botswana | Botswana | South Africa | Senegal | Hamadryas |
| Site | | | Gilgil | Chololo | Gombe | Ishasa | Hong Hills | Mikumi | ? | Amboseli | Amboseli | Tana River | Tsaobis | Moremi | Okavango | Tshipise | Mt Assirik | Filoha, Awash |
| Rain / yr (mm) | | | 690 | 580 | 1500 | 1292 | 700–1000 | 734 | ? | 350 | 350 | 400 | 85 | 457 | 457 | ? | 1000 | 500–600 |
| Habitat (a) | | | G | G, W | F, beach | F, G, riverbed | G | W | G | G | G | F | Desert | G | G | Farms, ranches | G, W | G |
| Source | | | Harding 1973, Strum 1975 | Barton 1990 | Goodall, 1986 | Rowell 1966 | Akosim et al. 2010 | Rhine et al. 1986 | De Vore & Washburn 1963 | Altmann & Altmann 1970 | Hausfater 1976 | Kivai 2013 | Davies & Cowlishaw 1996 | Hamilton & Busse 1982 | Palombit, Ryne (cit. in Fichtel 2012) | Stolz & Saayman 1970 | Sharman 1980 | Swedell 2002, Swedell et al. 2008 |
| Mammals | Primates | Vervet Tana River mangabey | | | | | | | 1 | 10 | 10 | | | | 5 | x | | |
| | Even-toed ungulates | Galago Bushpig | | | | | | | | 2 | | 1 | | | | | | |
| | | Grant's gazelle | | | x | | | | | 1 | 2 | | | | | | | |
| | | Thomson's gazelle | | 49 | x | | | | 2 | | 1 | | | | | | | |
| | | Dik-dik | | 16 | x | | | | | | | | | | | | | x |
| | | Steinbok | | 7 | | | | | | | | | | | | | | |
| | | Impala | | 2 | | | | | 1 | | | | | 4 | | | | |
| | | Klipspringer | | 1 | | | | | | | | | 1 | | | 1 | | |
| | | Bushbuck | | | | 27 | | | | | | | | | | | | |
| | | Antelope, unidentified | | 5 | | | | | | | 4 | | | | | | 1 | |
| | | Domestic goat | | | | | | x | | | | | | | | | x (c) | |
| | | Domestic sheep | | | | | | x | | | | | | | | | x (c) | |
| | Rodents | Bush squirrel | | | | | | | | | | | | 9 | | | | |
| | | Ground squirrel | | | | | | | | | | 1 | | | | | | |
| | | Mouse | | | | | | | | | | 2 | | | | | | |
| | | Rat | | | x | | | | | | | 1 | | | | | | |
| | | Unidentified | | | | | | | | | | | | | | | | |
| | Hares | Cape hare | | 53 | | 4 | | | 2 | | 15 | | | 4 | | 1 | | |
| | | Abyssinian hare | | | | | | | | | | | | | | | | 3 |
| | | African savannah hare | | | | | | | | | | | | | | | 2 | |
| | | Hare | | | | | | | 3 | | | | | | | | | x |
| | Bats | Fruit bat | | | x | | | | | | | | | | | | | |
| | Other | Small mammal, unidentified | | 3 | | | | 1 | | x | | | | | | | | |
| Herpetofauna | Lizards | Common agama | | | | | | | | | | | | | | | 1 | |
| | | Chameleon | | | x | x | | 4 | | | 1 | | | | | | | |
| | | Unidentified | | | | | | 1 | | | | | | | | | | |
| | Snakes | Unidentified | | | | | | 1 | | | | | | | | | | |
| | Frogs | Unidentified | | | x | | | | | | 3 | | | | | | | |
| Birds | | Yellow necked spurfowl | | | | | | | | | | 1 | | | | | | |
| | | Helmeted guinea fowl | | 2 | | | | | | 2 | 1 | | | | | | | |
| | | Guinea fowl | | | x | | | | | | | | | | | | | x |
| | | Button quail | | 1 | | | | | | | | | | | | | | |
| | | Coqui francolin | | | | | | 3 | | | | | | | | | | |
| | | Francolin | | | | | | | | | | | | 3 | | | | |
| | | Unidentified | | 11 | x | | | 6 | 2 | | 2 | | | | 4 | | | |
| Minimum predation events | | | n | % | | | | | | | | | | | | | | |
| Primates | | | 30 | 9.1 | | | | | 1 | 12 | 10 | 1 | | 5 | 1 | | | |
| Unungulates | | | 135 | 41.0 | 80 | 3 | 29 | 2 | 1 | 1 | 7 | | 1 | 4 | | 3 | 1 | 1 |
| Rodents | | | 18 | 5.5 | | | 1 | | | | 4 | | | 13 | | | | |
| Hares | | | 84 | 25.5 | 53 | | 4 | | 3 | 2 | 15 | | | | | 1 | 2 | 4 |
| Bats | | | 1 | 0.3 | | | 1 | | | | | | | | | | | |
| Unknown mammal | | | 5 | 1.5 | 3 | | | | 1 | | 1 | | | | | | | |
| Herpetofauna | | | 15 | 4.6 | | | 2 | 2 | | | 4 | | | | | | 1 | |
| Birds | | | 41 | 12.5 | 14 | | 2 | | 9 | 2 | 2 | 4 | | 7 | | | | 1 |
| Sum | | | 329 | 100.0 | 150 | 3 | 35 | 6 | 20 | 7 | 16 | 44 | 1 | 1 | 29 | 1 | 4 | 4 |
| % (of n = 329) | | | | | 45.6 | 0.9 | 10.6 | 1.8 | 6.1 | 2.1 | 4.9 | 13.4 | 0.3 | 0.3 | 8.8 | 0.3 | 1.2 | 1.2 |

(a) Habitat: G, grassland; W, woodland; F, forest

(b) Baboons scavenged the pigs from chimpanzees

(c) 46 farmers lost hundreds of livestock; one losing on average 17 lambs / month. Two troops said to have taken 23 and 17 lambs respectively on one day

Tab_02_.xls

| Taxon | | | Body dimensions | | Occurance | Group sizes | | | | | | |
|---------------------|--|-----------------------------------|--------------------|-------------|---|-----------------------|-----------|-----|----------------------------------|--------------------------|------------|--------|
| Order | Common name | Latin name | Head and body (cm) | Weight (kg) | Range of troop Kwano (K), Gamgam (G); r = rarely seen | Mean animals seen (n) | Range (n) | SD | Counts of single individuals (%) | Infants seen (Yes / No)? | Counts (n) | Source |
| Primates | | | | | | | | | | | | |
| | (Olive baboon) | <i>(Papio anubis)</i> | 61–84 | 6–30 | K, G | 24.9 | 1–35 | 6.5 | 1.4 | Y | 7 | a |
| | Chimpanzee | <i>Pan troglodytes</i> | 64–90 | 26–40 | K, G | 4.0 | 1–21 | 2.6 | 27.0 | Y | 306 | b |
| | Putty-nosed monkey | <i>Cercopithecus nictitans</i> | 40–57 | 3–10 | K, G | 20.9 | 1–34 | 6.5 | 5.7 | Y | 54 | c |
| | Mona monkey | <i>Cercopithecus mona</i> | 34–63 | 2–6 | K, G | 15.0 | 1–30 | 6.3 | 5.4 | Y | 46 | c |
| | Tantalus monkey | <i>Chlorocebus tantalus</i> | 38–83 | 3–9 | G | 6.0 | 1–19 | 3.3 | 2.0 | Y | 92 | d |
| | Black-and-white colobus | <i>Colobus guereza</i> | 48–70 | 5–14 | K, G | 10.7 | 1–15 | 2.2 | 2.8 | Y | 45 | c |
| | Milne-Edwards potto | <i>Perodicticus potto</i> | 30–40 | 0.8–1.6 | K, G, r | 1 | | | | | 1 | |
| | Galago | <i>Galago senegalensis (?)</i> | 13–21 | 0.2 | K, G, r | nd | | | | | | |
| Even-toed ungulates | | | | | | | | | | | | |
| | Red river hog | <i>Potamochoerus porcus</i> | 100–145 | 45–115 | K, G | 5.3 | 1–13 | 2.1 | 5.9 | Y | 271 | d |
| | Giant forest hog | <i>Hylochoerus meinertzhageni</i> | 130–210 | 100–275 | K | 3.8 | 1–11 | 3.0 | 25.0 | Y | 16 | d |
| | | | | | | 4.5 | 1–11 | 3.0 | | Y | 20 | e |
| | Warthog | <i>Phacochoerus africanus</i> | 105–152 | 45–150 | G, r | nd | | | | Y | | |
| | African buffalo | <i>Syncerus caffer</i> | 225–340 | 425–850 | K, G | 5.8 | 1–12 | 3.2 | 3.4 | Y | 29 | d |
| | Waterbuck | <i>Kobus ellipsiprymnus</i> | 175–235 | 160–300 | K, G | 3.0 | 1–8 | 1.4 | 14.4 | Y | 397 | d |
| | Bushbuck | <i>Tragelaphus scriptus</i> | 114–150 | 24–60 | K, G | 1.3 | 1–2 | 0.5 | 69.2 | Y | 65 | d |
| | | | | | | 1.6 | 1–3 | 0.4 | | Y | 134 | e |
| | Yellow-backed duiker | <i>Cephalophus silvicultor</i> | 125–190 | 45–80 | K, G | 1.1 | 1–2 | 0.6 | 76.0 | N | 129 | d |
| | | | | | | 1.0 | 1 | 0.0 | | N | 15 | e |
| | Red-flanked duiker | <i>Cephalophus rufilatus</i> | 60–80 | 6–14 | K, G | 1.1 | 1–2 | 0.3 | 90.2 | N | 40 | d |
| | Blue duiker | <i>Philantomba monticola</i> | 55–90 | 3.5–9 | K, G, r | 1.6 | 1–2 | 0.5 | 40.0 | N | 5 | f |
| Rodents | | | | | | | | | | | | |
| | Squirrels (e.g., African giant squirrel) | <i>Protoxerus stangeri</i> | 22–40 | 0.5–0.8 | K, G, r | 1.5 | 1–2 | 0.7 | 50.0 | N | 2 | f |
| | Rats (e.g., Gambian giant pouched rat) | <i>Cricetomys gambianus</i> | 28–45 | 1.0–1.4 | K, G, r | nd | | | | | | |
| Hares | | | | | | | | | | | | |
| | Scrub hare | <i>Lepus saxatilis</i> | 42–77 | 1.5–4.5 | K, G, r | nd | | | | | | |
| Bats | | | | | | | | | | | | |
| | Fruit bats (e.g. Straw-coloured fruit bat) | <i>Eidolon helvum</i> | 15–20 | 0.3 | G | Large colonies | | | | | | |

(a) [Higham et al. 2009]

(b) [Sommer et al. 2004]

(c) Group counts, Kwano habitat (May–Dec 2000)

(d) Mammal survey, Kwano habitat (2005–2008)

(e) Still-camera trap, mineral lick, Kwano habitat (Feb–Apr 2011, Apr–Jun 2013)

(f) Video-camera traps, Kwano habitat (2012–2014)

| Category | Variable | Case | | | | | | | | | |
|-------------------------------------|---------------------------------|----------------------------|-------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------|------------------------------|-------------------------------|-------------------------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Prey type | Species | Duiker | Bushbuck | Duiker | Bushbuck | Bushbuck | Bushbuck | Bushbuck | Duiker | Bushbuck | Bushbuck |
| | Age | Infant | Infant | Infant (?) | Infant | Infant | Infant | Infant | Infant | Infant | Infant |
| Date | Year | 1999 | 2005 | 2007 | 2007 | 2008 | 2009 | 2010 | 2012 | 2012 | 2014 |
| | Month, Day | Mar to Apr | Mar to Jun | Apr-01 | Dec-16 | Apr | Nov-09 | Feb-16 | Apr | Mar to Jun | Apr-11 |
| | Time | ca. 12:00 | | | ca. 10:00 | | ca. 11:15 | 10:00 | ca. 08:00 | ca. 11:00 | 06:30 |
| Observers | Field assistants (a) | HG | HI | | HI | HG | MH | BB, HI | IU | IU | BH |
| | Researchers (b) | | FW | DI | DI | | NA, CH | NA, CH | JT | MP, DW | YB, AL, ER |
| | Video (V) or photo (P) | | | | Y | | P | | Y | | P |
| Troop | Name | Gamgam | Kwano | Kwano | Kwano | Kwano | Gamgam | Kwano | Gamgam | Kwano | Kwano |
| | Animals total | Unknown | 19 | 29 | 33 | 34 | 21 | 32 | 14 | 30 | 32 |
| | Composition | | 4 AM, 10 AF, 2 JF, 3 IM | 8 AM, 10 AF, 2 JM, 4 JF, 1 IM, 2 IF | 9 AM, 10 AF, 4 JM, 5 JF, 2 IM, 3 IF | 8 AM, 10 AF, 5 JM, 6 JF, 2 IM, 3 IF | 1 AM, 5 AF, 2 SM, 1 SF, 7 JM, 1 JF, 2 IM, 2 IF | 6 AM, 10 AF, 6 JM, 8 JF, 2 IM | 2 AM, 3 AF, 4 JF, 4 JM, 1 IM | 8 AM, 14 AF, 4 JM, 1 JF, 2 IM | 5 AM, 13 AF, 7 JM, 1 JF, 2 IM, 4 IF |
| Prey acquisition | Forest (F) or woodland (W)? | F | F | | F | F | W | F | W | F | W |
| | After a chase? | | | | | | | | N | | N |
| | While cryptic on ground? | | | | | | | | Y | | Y |
| | If infant, mother returns? | | | | N | Y | | | Y | | N |
| Catcher | First baboon seen with prey | AM | AM | 2 AM, 1 AF | AM | AM | AF | AM | AM | AM | AM |
| | Is first baboon the catcher? | Likely | Likely | | Y | | Likely | Likely | Y | Likely | Likely |
| | Prey body parts restrained | | | | Press body to ground | | Press body, hold neck | | Hind legs, neck | Hold neck | |
| | Attempt to immobilise prey? | | | | N | | N | | Bite back, legs | N | |
| | First owner kills prey? | | | | Y | | Y | | Y | Y | Y |
| | Killing by biting top of skull? | | | | Y | | Y | | Y | Y | |
| | First owner eats meat? | Y | | | Y | | Y | | Y | Y | Y |
| | Body parts seen to be eaten | | | | Head | | Head, organs | | Head | Head | Head |
| | Eat on ground (G) or tree (T) | G | G | | G | G | G, T | G | G, T | G | G, T |
| | Meat passed on | First owner evades others? | Y | | | N | | Y | Y | Y | |
| Other identified individuals eating | | | | 2 AM, 1 AF | AF, JF | | 1 AM, 1 AF, 1 JM | 2 AF, 1 JM | 2 AF | 1 AF, 2 AM | 1 AM, 2 AF, 2 JM |
| Body parts seen to be eaten | | | | Leg, hind | Most | | Scraps | | Scraps | | Scraps |
| Eat on ground (G) or tree (T) | | | | G | G, T | | G | G | G, T | | G, T |

(a) Field assistants: BB = Bobbo Buba, BH = Buba Hammasebe, HI = Halidu Iiyasu, HG = Hammaunde Guruza, MA = Maigari Ahmadu, MH = Maikanti Hassan, IU = Ibrahim Usman

(b) Researchers, volunteers: AL = Adriana Lowe, CH = Chen Hsueh-Chen, DI = David M. Inglis, DW = Doris Wu, ER = Eelco van Riel, FW = Fionnuala Walravens, GG = Gemma Gordon, JT = James Thompson, MP = Megan Petersdorf, NA = Nienke Alberts, RS = Ruth Sharpe, YB = Yaelle Bouquet