Column codes (top and bottom): ST, TU, BB, YB, AJ, MS, LK, KK, PG, ES, PB, TJ, BL, BU, BO, MU, MX, MN, OU, OT, OG, OM, TG, TT, TS, UM, UN, AL, AT, AZ, LR, LO, WA, WE, WL, WC, QT, QV, RD, ML, NP, EU, NE | GRID | MNK | SP | PT

| Time | GRID | MNK | SP | PT |
|---|---|---|---|---|
| 5:45 | | | | |
| 6:00 | | | | |
| 6:15 | | | | |
| 6:30 | | | | |
| 6:45 | | | | |
| 7:00 | N/26 | None | FEX | RF |
| 7:15 | " | " | " | " |
| 7:30 | | Blu | " | " |
| 7:45 | | × | — | — |
| 8:00 | | × | — | — |
| 8:15 | | × | — | — |
| 8:30 | | × | — | — |
| 8:45 | N/26 | None | | — |
| 9:00 | NDS | | ANI | RF |
| 9:15 | | | | |
| 9:30 | | | | |
| 9:45 | | | | |
| 10:00 | | | | |
| 10:15 | | | | |
| 10:30 | | | ↓ | ↓ |
| 10:45 | | | ANI | RF |
| 11:00 | | | — | = |
| 11:15 | | | — | = |
| 11:30 | | | — | = |
| 11:45 | | | — | = |
| 12:00 | | | — | = |
| 12:15 | N/25 | | — | = |
| 12:30 | | ↓ | — | = |
| 12:45 | O/25 | None | ANI | RF |
| 13:00 | O/25 | None | ANI | RF |
| 13:15 | " | | " | " |
| 13:30 | | | — | — |
| 13:45 | | | — | — |
| 14:00 | | | = | — |
| 14:15 | ↓ | | = | — |
| 14:30 | O/25 | | | |
| 14:45 | N26 | | FVR | YL |
| 15:00 | | | THV | THV |
| 15:15 | | | | |
| 15:30 | | | | |
| 15:45 | | | | |
| 16:00 | | | ↓ | ↓ |
| 16:15 | | | THV | THV |
| 16:30 | | | FVA | UF |
| 16:45 | | | " | " |
| 17:00 | | | = | — |
| 17:15 | | | = | — |
| 17:30 | | | — | — |
| 17:45 | | | — | — |
| 18:00 | | | | |
| 18:15 | | | | |
| 18:30 | | ↓ | | |
| 18:45 | N26 | None | — | |
| 19:00 | | | | |
| 19:15 | | | | |
| 19:30 | | | | |
| 19:45 | | | | |
| 20:00 | | | | |
| 20:15 | | | | |
| 20:30 | | | | |

Health: ...2... (various 1's and a 2 under BO)

COMMENTS  935 BO was heard sneezing.
745 — 830 MGB and BLU were encountered

FOUND: C=calls, FT=checking fruit trees, FFT: waiting at fruit tree, N=nest  **PARTY COMPOSITION:** X: present at that time; O = thought to be around
OTHERS: Write IDs in blank columns: HH, PE, UM-UH-UN, GD-GS-GG, MU-MX, AFF, AMM, JFF, JMM, IMM, IFF
PT: RF = ripe fruit, UF = unripe fruit, SD = seed, YL = young leaf, ML = mature leaf, FL = flower, WD = wood, RT = root, SL = soil, MT = meat
MNK: RDC= Red colobus, BWC= Black and white colobus, RDT= Red-tail monkey, BLU= Blue Monkey, MGB= Mangabey, BAB= Baboon
HEALTH: 1 = Healthy, 2 = Cold/cough, 3 = Diarrhoea, 4 = Wound (describe).  ESTRUS: 1 = None, 2 = Partial, 3 = Full

# KPC Behavior

DAY **09**  MONTH **05**  YEAR **09**  OBSERVER **SJ** S m T w  Found: C (FT) FF? N  Other_____

| Time | Party Composition | | | | Loc | F | SP | PT | MNK | BEH CODE |
|------|-------------------|---|---|---|-----|---|----|----|----|----------|
| | AMM | AFF (Include estrous) | JMM (Juveniles and Infants) | JFF | | | | | | |
| 649 | OBS arrived at nest site found QT already out of nest feeding in FEX at same location | | | | | | | | | |
| 656 | two male Rsc made alarm then approached and chased QT and she fled silent leaving the feeding tree. | | | | | | | | | |
| 659 | QT (Qv) climbed into a feeding tree FEX 030. | | | | | | | | | |
| 700 | | QT | Qv | | 15/KRD | ✓ | FEX | RF | ∅ | |
| 715 | | QT | Qv | | " | ✓ | " | " | ∅ | |
| 730 | | QT | Qv | | " | ✓ | " | " | BLu | |
| 740 | QT grooming herself. | | | | | | | | | |
| 745 | | QT | Qv | | 15/KRD | | | | Mgb BLu | |
| 757 | Distant calls heard from south of K-14 and the focal ID didn't respond. | | | | | | | | | |
| 800 | | QT | Qv | | 15/KRD | | | | BLu Mgb | |
| 815 | | QT | Qv | | " | | | | BLu Mgb | |
| 830 | | QT | Qv | | " | | | | Mgb BLu | |
| 845 | | QT | Qv | | " | | | | ∅ | |
| 846 | QT (Qv) climbed down from FEX and started moving | | | | | | | | | |
| 852 | QT (Qv) climbed into AN1 joining BL So QT made Pant - barks and Others didn't respond. | | | | | | | | | |

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK    ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

**AP:** Adult Play;  **CP:** Copulation;  **CY:** Carry;  **DR:** Drink;  **FBK:** Food bark;  **HCG:** Hand-clasp groom;  **HNY:** Honey;
**IGI:** Intergroup interaction;  **LF:** Leaf use;  **MAT:** Attacked by monkeys;  **PIG:** Pigs;  **PRED:** Predation;  **PTG:** Pant-grunt;
**RN:** Rain;  **RD:** Rain display;  **STK:** Stick use;  **TLU:** Tool use;  **UNF:** Unusual food;  **Q:** Other unusual events

WL → ⊘     LR → ⊘

# KPC Behavior

DAY **09**  MONTH **05**  YEAR **09**  OBSERVER **ST SMTW**  Found: C (FT) FFT N Other_____

| Time | Party Composition | | | | Loc | F | SP | PT | MNK | BEH CODE |
| | AMM | AFF (Include estrous) | JMM (Juveniles and Infants) | JFF | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 900 | KK. | BL QT | QV BO | | 4/10 | ✓ | ANI | RF | ⊘ | |
| 912 | QT (QV) climbed down from ANI | | | | | | | | | |
| " | QT approach :Pant —bark to KK and KK made | | | | | | | | | |
| | . Vocal displays BL BO made Pant-hoots. | | | | | | | | | |
| 915 | KK | BL QT | QV BO | | 4/10 | ✓ | ANI | RF | ⊘ | |
| 919 | QT (QV) climbed into ANI #009 | | | | | | | | | |
| 923 | KK made Vocal displays and buttress bangs and | | | | | | | | | |
| 9 | other made waaa-barks. | | | | | | | | | |
| 929 | KK separated from the group. | | | | | | | | | |
| 930 | | BL QT | BO QV | | 4/10 | ✓ | ANI | RF | ⊘ | |
| 935 | BO was heard Sneezing | | | | | | | | | |
| 942 | BL climbed down from ANI | | | | | | | | | |
| 944 | WL WC Joined the party without making any calls | | | | | | | | | |
| 945 | | BL QT WL | WC QV BO | | 4/10 | ✓ | ANI | RF | ⊘ | |
| 1000 | | BL QT WL | WC QV BO | | " | ✓ | " | " | ⊘ | |
| 1015 | | BL QT WL | WC QV BO | | " | ✓ | " | " | ⊘ | |
| 1030 | | BL QT WL | WC QV BO | | " | ✓ | " | " | ⊘ | |
| 1045 | | BL QT WL | WC QV BO | | " | ✓ | " | " | ⊘ | |
| 1100 | | BL QT WL | WC QV BO | | " | | | | ⊘ | |
| 1111 | LR BO Joined the party without making any calls | | | | | | | | | |

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK     ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey;
IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt;
RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

913 QT present to KK and he inspected her by touching
her estrous and smell on the fingers
914 QT groom KK shortly.

# KPC Behavior

AL → ①

DAY **09** MONTH **05** YEAR **09** OBSERVER **SJ SM TW** Found: C (FT) FFT N Other_____

| Time | Party Composition AMM | AFF (Include estrous) | JMM (Juveniles and Infants) | JFF | Loc | F | SP | PT | MNK | BEH CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 1115 | | LR QT BO QV WL BL | WC LO | | L/10 | | | | | ⊘ |
| 1117 | QT approach pant—grunt, and LR groom to LR | | | | | | | | | PTG QT |
| 1118 | Hand clasp mutual groom LR ⇆ QT | | | | | | | | | HCG |
| 1119 | QT grooming LR after handclasp | | | | | | | | | |
| 1123 | LR grooming QT | | | | | | | | | |
| 1126 | QT grooming LR | | | | | | | | | |
| 1130 | | LR QT BO QV WL BL | WC LO | | 4/10 | | | | | ⊘ |
| 1150 | WL makes a ground nest and lie on it | | | | | | | | | |
| 1200 | | LR QT BO QV WL BL | WC LO | | 4/10 | | | | | ⊘ |
| 1215 | | LR QT BO QV WL BL | WC LO | | 4/10 | | | | | ⊘ |
| 1222 | Distant calls heard from East of K-30 BLUE and Others made Pant-hoots and started moving | | | | | | | | | |
| 1226 | Chimps joined KK PB and AL family, KK made Vocal displays, BL approach KK and KK mount BL while she was pant grunting. PB made non-Vocal displays and ground slapping and Others made pant barks. | | | | | | | | | |
| 1227 | WL made screams and approached KK and KK ignored then WL chased BO who fled screaming, BL interved chasing WL who avoided casual making screams screaming. | | | | | | | | | |
| 1230 | KK PB | LR QT WL BL AL | AT LO AZ BO QV WC | INF | K/RED | | | | | ⊘ |

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK      ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

**AP:** Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey; **IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt; **RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events

# KPC Behavior

DAY **09**  MONTH **05**  YEAR **09**  OBSERVER **SJ SM TW JM**  Found: C (FT) FFT N Other_____

| Time | Party Composition AMM | AFF (Include estrous) | JMM (Juveniles and Infants) | JFF | Loc | F | SP | PT | MNK | BEH CODE |
|------|------|------|------|------|------|------|------|------|------|------|
| 1239 | chimps climbed into ANI #006 | | | | | | | | | |
| 1243 | KK PB | AL LR BL QT WL | AZ AT LO BO QV WC | INF | K/8 | ✓ | ANI | RF | ∅ | |
| 1300 | KK PB | AL LR BL QT WL | AZ AT LO BO QV WC | INF | " | ✓ | " | " | ∅ | |
| 1315 | KK PB | AL LR BL QT WL | AZ AT LO BO QV WC | INF | " | ✓ | " | " | ∅ | |
| 1324 | QT (QV) climbed down from ANI | | | | | | | | | |
| 1328 | PB climbed down from the feeding tree | | | | | | | | | |
| 1330 | KK PB | AL LR BL QT WL | AZ AT LO BO QV WC | INF. | K/8 | | | | ∅ | |
| 1334 | WL grooming herself. | | | | | | | | | |
| 1345 | KK PB | AL LR BL QT WL | AZ AT LO BO QV WC | INF | K/8 | | | | ∅ | |
| 1347 | QT playing with QV by QT patting at QV. | | | | | | | | | AP |
| 1400 | KK PB | AL LR BL QT WL | AZ AT LO BO QV WC | INF | K/8 | | | | ∅ | |
| 1415 | KK PB | AL LR BL QT WL | BO AT AZ QV WC | INF | " | | | | ∅ | |
| 1430 | KK PB | AL LR BL QT WL | BO AT AZ QV WC | | K/8 | | | | ∅ | |
| 1431 | WL QT and LR all approach and groom KK | | | Pant-grunt | | | | | PTG | |
| 1437 | LR WL both grooming AL | | | | | | | | | |
| 1437 | KK approach PB he Pant-barked and KK groomed | | | | | | | | | |
| 1439 | WL grooming KK | | | | | | | | | |
| 1441 | QT drink water with sponged leaves from the tree hole. | | | | | | | | | TLU DR |

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK   ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

**AP**: Adult Play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **FBK**: Food bark; **HCG**: Hand-clasp groom; **HNY**: Honey; **IGI**: Intergroup interaction; **LF**: Leaf use; **MAT**: Attacked by monkeys; **PIG**: Pigs; **PRED**: Predation; **PTG**: Pant-grunt; **RN**: Rain; **RD**: Rain display; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events

# KPC Behavior

DAY **09** MONTH **05** YEAR **09** OBSERVER **SJ Sm TW JM** Found: C (FT) FFT N Other_____

| Time | Party Composition AMM | AFF (Include estrous) | JMM (Juveniles and Infants) | JFF | Loc | F | SP | PT | MNK | BEH CODE |
|------|------|------|------|------|------|---|----|----|----|----|
| 1442 | KK made non *Vocal displays* and buttress bungs QT and WL *fled. Pant barking* climbing trees. | | | | | | | | | |
| 1445 | KK PB | LR QT WL AL BL | BO LO WC QV AZ AT | INF | 4/BFP | ✓ | FVA | YL | ∅ |
| 1447 | chimps moved into THV for feeding | | | | | | | | | |
| 1500 | KK PB | LR QT WL AL BL | BO LO WC QV AT AZ | INF | 2/BFP | ✓ | THV | THV | ∅ |
| 1515 | KK PB | LR QT WL AL BL | BO LO WC QV AT AZ | INF | 2/BFP | ✓ | " | " | ∅ |
| 1530 | KK PB | LR QT WL AL BL | BO LO WC QV AT AZ | INF | " | ✓ | " | " | ∅ |
| 1540 | it started rain while chimps were feeding in THV | | | | | | | | | |
| 1545 | KK PB | LR QT WL AL BL | BO LO AZ AT QV WC | INF. | 2/BFP | ✓ | THV | THV | ∅ |
| 1600 | KK PB | LR QT WL AL BL | BO LO WC QV AT AZ | INF | | | | | |
| 1604 | KK feeding on brown soil from the roadside. | | | | | | | | | |
| 1615 | KK PB | LR QT WL AL BL | BO LO WC QV AT AZ | INF | | | | | |
| 1616 | KK AT AL climbed into FVA for feeding | | | | | | | | | |
| 1620 | It stopped raining. | | | | | | | | | |
| 1630 | KK | AL | AT AZ | INF | 2/BFP | ✓ | FVA | UF | ∅ |
| 1642 | AL (INF) climbed down from FVA. | | | | | | | | | |
| 1644 | AL makes a night nest. Tree of nest, CAF 20M DBH 36m. | | | | | | | | | |
| 1645 | KK | AL | AT AZ | INF | 2/BFP | ✓ | FVA | UF | ∅ |

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK     ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

**AP**: Adult Play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **FBK**: Food bark; **HCG**: Hand-clasp groom; **HNY**: Honey;
**IGI**: Intergroup interaction; **LF**: Leaf use; **MAT**: Attacked by monkeys; **PIG**: Pigs; **PRED**: Predation; **PTG**: Pant-grunt;
**RN**: Rain; **RD**: Rain display; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events

1616 chimps separated

# KPC Behavior

DAY **09** MONTH **05** YEAR **09** OBSERVER **ST SmTW JM** Found: C (FT) FFT N Other_____

| Time | Party Composition | | | | Loc | F | SP | PT | MNK | BEH CODE |
|------|------|------|------|------|-----|---|----|----|-----|----------|
| | AMM | AFF (Include estrous) | JMM (Juveniles and Infants) | JFF | | | | | | |
| 1646 | KK makes a night nest, Tree of nest Olea Height. 6m DBH 8cm. | | | | | | | | | |
| 1653 | AT makes a night nest, Tree of nest CAF DBH = 36cm. | | | | | | | | | |
| 1700 | KK | AL | AZ AT INF | | 2/BFP | | | | ∅ | |
| 1702 | AZ makes a night nest Tree of nest Albizia, Height 20m DBH = | | | | | | | | | |
| 1715 | KK | AL | AZ AT INF | | 2/BFP | | | | ∅ | |
| 1730 | KK | AL | AZ AT INF | | n | | | | ∅ | |
| 1745 | KK | AL | AT AZ | INF | | n | | | | ∅ |
| 1800 | KK | AL | AZ AT INF | | n | | | | ∅ | |
| 1815 | KK | AL | AZ AT INF | | n | | | | ∅ | |
| 1830 | KK | AL | AZ AT INF | | n | | | | ∅ | |
| 1845 | KK | AL | AZ AT INF | | n | | | | ∅ | |
| 1850 | OBS leaving the nest site. | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK    ESTROUS: 1 = None, 2 = Partial, 3 = Full
BEHAVIOR CODES (List all that you see - See reference sheet for required data):
**AP:** Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey;
**IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt;
**RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events