DAY 20 MONTH 03 YEAR 09 OBS-PC ST TMF/40 SM KJ HOW FOUND FT

| | Estrus | 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 | GRID | MNK | SP | PT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10:15 | | | | | | | | X | X | | | | X | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | M/27 | - | FEX | RF |
| 10:30 | | | | | | | | X | X | | | | X | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | - | - |
| 10:45 | | | | | | | | X | X | | | | X | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | THN | THN |
| 11:00 | | | | | | | | X | X | | | | X | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | THN | THN |
| 11:15 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | CDV | RF |
| 11:30 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | " | " |
| 11:45 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | " | " |
| 12:00 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | - | - |
| 12:15 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | - | - |
| 12:30 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | - | - |
| 12:45 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | M/27 | - | THN | THN |
| | | 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 | | | | |
| 13:00 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | M/27 | - | THN | THN |
| 13:15 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | " | " |
| 13:30 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | " | " |
| 13:45 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | " | " |
| 14:00 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | THN | THN |
| 14:15 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | " | " |
| 14:30 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | " | " |
| 14:45 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | " | " |
| 15:00 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | M/27 | - | - | - |
| 15:15 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | M/26 | - | - | - |
| 15:30 | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | MMS | RF |
| 15:45 | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | X | | | | | | | - | " | " |
| 16:00 | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | - | ~~FFT~~ | — |
| 16:15 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | M/26 | - | - | - |
| 16:30 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | M/25 | - | FEX | RF |
| 16:45 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | - | " | " |
| 17:00 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | - | - | - |
| 17:15 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | - | - | - |
| 17:30 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | - | PTE | FL |
| 17:45 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | - | " | " |
| 18:00 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | - | PTE | FL |
| 18:15 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | - | " | " |
| 18:30 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | - | " | " |
| 18:45 | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | M/25 | - | - | - |
| 19:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 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 | GRID | MNK | SP | PT |
| | Health | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | 1 | 2 | | | | | | | | | | |

COMMENTS 1045 LO was heard Coughing (Dry Cough).
1202 WC was heard Sneezing.

**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

LR → ① QT → ① WL → ①

# KPC Behavior

DAY 20 MONTH 03 YEAR 09 OBSERVER SJ SM KJ TW MK 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1014 | OBS found chimps with other OBS at | | | | S/KTO | | | | | FEX |
| 1015 | KK TJ LK | LR QT WL | LO QV WC | | S/KTO | ✓ | FEX | RF | ∅ | |
| 1027 | chimps climbed down from FEX | | | | | | | | | |
| 1030 | KK TJ LK | LR QT WL | LO QV WC | | S/KTO | | | | ∅ | |
| 1032 | LK grooming KK. | | | | | | | | | |
| 1035 | Handclasp mutual groom LK ⟹ | | | | | | KK | | | HCG |
| 1038 | KK grooming LK after handclasp. | | | | | | | | | |
| 1039 | Chimps entered THV for feeding | | | | | | | | | |
| 1045 | KK TJ LK | LR QT WL | LO QV WC | | S/TG | ✓ | THV | THV | ∅ | |
| 1100 | KK TJ LK | LR QT WL | LO QV WC | | 29/TG | ✓ | THV | THV | ∅ | |
| 1112 | chimps climbed into CDU for feeding | | | | | | | | | |
| 1115 | KK LK | LR QT WL | LO QV WC | | 29/TG | ✓ | CDU | RF | ∅ | |
| 1130 | KK LK | LR QT WL | LO QV WC | | " | ✓ | " | " | ∅ | |
| 1145 | LK KK | LR QT WL | LO QV WC | | " | ✓ | " | " | ∅ | |
| 1148 | chimps climbed down from CDU. | | | | | | | | | |
| 1153 | QT feeding on TRI YL | | | | | | | | | |
| 1158 | LR grooming KK | | | | | | | | | |
| 1159 | QT grooming herself. | | | | | | | | | |
| 1200 | KK LK | LR QT WL | LO QV WC | | 28/TG | | | | ∅ | |
| " | Chain grooming | | WL → LR → | | LK | | | | | |

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

1045 LO was heard coughing (dry cough)

1110 TJ separated from the party

1046 KK seen walking badly because of his left hand as he walks when the hand is raised

# KPC Behavior

DAY 20 MONTH 03 YEAR 09 OBSERVER ST SM KJ TH MK 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1201 | LK playing with | Lo by | LK pant | ing at | Lo | | | | | |
| 1201 | ~~Lo was~~ heard | Coughing | dry Cough | | | | | | | |
| 1202 | WC was heard | sneezing | | | | | | | | |
| 1214 | QT grooming | LR | | | | | | | | |
| 1215 | LK KK | LR QT WL | Lo QV WC | | 28/19 | | | | ∅ | |
| 1230 | LK KK | LR QT WL | Lo QV WC | | " | | | | | |
| | LR grooming | LK | | | | | | | | |
| 1236 | Chimps | feeding | THv. | | | | | | | |
| 1245 | KK LK | LR QT WL | Lo QV WC | | 28/19 | ✓ | THv | THv | ∅ | |
| 1300 | KK LK | LR QT WL | Lo QV WC | | " | ✓ | THv | THv | ∅ | |
| 1315 | KK LK | LR QT WL | Lo QV WC | | " | ✓ | " | " | ∅ | |
| 1330 | KK LK | LR QT WL | Lo QV WC | | " | ✓ | " | " | ∅ | |
| 1345 | KK LK | LR QT WL | Lo QV WC | | " | ✓ | " | " | ∅ | |
| 1400 | KK LK | LR QT WL | Lo QV WC | | 28/19 | ✓ | " | " | ∅ | |
| 1415 | KK LK | LR QT WL | Lo QV WC | | " | ✓ | " | " | ∅ | |
| 1430 | KK LK | LR QT WL | Lo QV WC | | " | ✓ | " | " | ∅ | |
| 1445 | KK LK | LR QT WL | Lo QV WC | | " | ✓ | " | " | ∅ | |
| 1446 | QT grooming | QV | | | | | | | | |
| 1457 | QT feeding | on | black | soil | from | ground | | | | |
| 1500 | KK LK | QT LR WL | Lo QV WC | | 5/28 | | | | ∅ | |

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 20 MONTH 03 YEAR 09 OBSERVER SJSMC 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1515 | KK LK | LR QT WC | LO QV WC | | H/GLT | | | | ∅ | |
| 1520 | Chumps Coming out of THV and LK separated from Party | | | | | | | | | |
| 1523 | KK made Vocal displays and buttress bangs, | | | | | | | | | |
| | QT and WL made Waas. | | | | | | | | | |
| 1526 | Chumps climbed into MMS making pant-hoots | | | | | | | | | |
| 1530 | KK | QT LRWC | LO QV WC | | H/GLT | ✓ | MMS | RF | ∅ | |
| 1540 | KK climbed down from MMS. | | | | | | | | | |
| 1545 | KK | QT LRWC | LO QV WC | | H/GLT | ✓ | MMS | RF | ∅ | |
| 1555 | QT(QV) climbed down from MMS followed by WL and LR | | | | | | | | | |
| 1600 | KK | QT LRW | LO QV WC | | H/19 | | | | ∅ | |
| 1602 | KK LR (LO) out of the Party | | | | | | | | | |
| 1604 | Chumps joined TJ and WL made Pant barks | | | | | | | | | |
| | Chased TJ and LK fled silent climbing a tree | | | | | | | | | |
| 1610 | TJ approach and groom QT | | | | | | | | | |
| 1614 | QT grooming TJ | | | | | | | | | |
| 1615 | TJ | QT WL | QV WC | | Q/BFR | | | | ∅ | |
| 1617 | QT (QV) and WL climbed into FEX for feeding RF | | | | | | | | | |
| 1630 | TJ | QT WL | QV WC | | Q/BFR | ✓ | FEX | RF | ∅ | |
| 1632 | Distant calls heard from West of K-14 and the | | | | | | | | | |
| | focal individuals 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

# KPC Behavior

DAY 20 MONTH 03 YEAR 09 OBSERVER ST 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1636 | TJ feeding TRI YL. | | | | | | | | | |
| 1645 | TJ | QT WL | QV WC | | Q/BFP | V | FEX | RF | ∅ | |
| 1652 | WL (WC) climbed down from FEX | | | | | | | | | |
| " | WL grooming WC. | | | | | | | | | |
| 1700 | TJ | QT WL | WC QV | | E/10 | | | | ∅ | |
| 1715 | TJ | QT WL | WC QV | | D/9 | | | | | |
| 715 | ——— | | | | | | | | | |
| 1720 | WL feeding on TRI YL. | | | | | | | | | |
| 1729 | WL and QT climbed into PTE for feeding | | | | | | | | FL | |
| 1735 | TJ | QT WL | WC QV | | E/5 | V | PTE | FL | ∅ | |
| 1745 | TJ | QT WL | WC QV | | " | V | " | " | ∅ | |
| 1800 | TJ | QT WL | WC QV | | E/5 | V | " | " | ∅ | |
| " | WL (WC) climbed down from PTE. | | | | | | | | | |
| 1815 | TJ. | QT WL | WC QV | | E/5 | V | PTE | FL | ∅ | |
| 1830 | TJ | QT WL | WC QV | | " | V | " | " | ∅ | |
| 1840 | QT (QV) climbed down from PTE. | | | | | | | | | |
| 1845 | TJ | QT WL | WC QV | | S/KRD | | | | ∅ | |
| 1847 | WL feeding on Brown from | | | | | | | | | |
| 1850 | WL entered into an old nest. Tree of nest BDS | | | | | | | | | |
| | Height 14m DBH = 30cm | | | | | | | | | |

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

1854 OBS leaving the nest site.