DAY 08th MONTH 04 YEAR 09 OBS-PC Fm TMF/40 Rm Jm TWIC MK HOW FOUND N

| | 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 | OL | GRID | MNK | SP | PT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estrus | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 | | | | 1 | 1 | | | | | | | | | | | | |
| 5:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7:00 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | L/27 | None | mms | RF |
| 7:15 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7:30 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7:45 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8:00 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8:15 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8:30 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8:45 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:00 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:15 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:30 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9:45 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10:00 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10:15 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10:30 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10:45 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11:00 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11:15 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11:30 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11:45 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12:00 | X | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12:15 | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12:30 | | | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12:45 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | L/27 | None | | |
| | 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 | OL | | | | |
| 13:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14:15 | | | | | | | X | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | 0/25 | None | | |
| 14:30 | | | | | | | X | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | " | | | |
| 14:45 | | | | | | | X | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | N/26 | | | |
| 15:00 | | | | | | | X | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | FEx | RF |
| 15:15 | | | | | | | X | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | Fcp | " |
| 15:30 | | | | | | | X | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | " | RF |
| 15:45 | | | | | | | X | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | THV | THV |
| 16:00 | | | | | | | X | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | " | " |
| 16:15 | | | | | | | X | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | THV | THV |
| 16:30 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | mms | RF |
| 16:45 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | " | " |
| 17:00 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | mms | RF |
| 17:15 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | | |
| 17:30 | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | FEx | YL |
| 17:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | | |
| 18:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | | | X | X | | | | X | | | | | | | |
| 18:15 | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | | X | | | | X | X | | | | X | | | X | | | mms | YF |
| 18:30 | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | | X | | | | X | X | | | | X | | | X | | | | |
| 18:45 | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | | X | | | | X | X | | | | X | | | X | N/26 | None | THV | THV |
| 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 | OL | GRID | MNK | SP | PT |
| Health | 1 | | | | | 4 | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |

COMMENTS MS had a huge wound on his arm where he was speared. No monkeys 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 08th MONTH 04 YEAR 09 OBSERVER JM RM FM 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 655 | Obs found ST had left the nest and | | | | | | | | | |
| | feeding on mms. | | | | | | | | | |
| 700 | ST MS | | | | S/Kyak to | ✓ | MMS | RF | | |
| 703 | MS leaving the nest and also moved into the | | | | mms. | | | | | |
| | He is using his injured hand a little bit | | | | | | | | | |
| | mostly hold branches. | | | | | | | | | |
| 715 | MS ST | | | | S/K'To | ✓ | MMS | RF | | |
| 730 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 745 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 800 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 815 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 830 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 845 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 900 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 915 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 930 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 945 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 1000 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 1015 | MS ST | | | | S/K'To | ✓ | MMS | RF | | |
| | | | | | | | | | | |

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

853 MS building a day nest in the feeding tree.
1013 MS leaving the day nest but didn't come down.

# KPC Behavior

DAY 08th MONTH 04 YEAR 09 OBSERVER Jm Am Fm 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1030 | MS ST | | | | S/K'TO | ✓ | MMS | LF | | |
| 1045 | MS ST | | | | 〃 | ✓ | 〃 | 〃 | | |
| 1100 | MS ST | | | | 〃 | | | | | |
| 1115 | MS ST | | | | 〃 | | | | | |
| 1130 | MS ST | | | | S/K'TO | | | | | |
| 1139 | ST Climbed down from the feeding tree. | | | | | | | | | |
| 1145 | MS ST | | | | S/K'TO | | | | | |
| 1200 | MS ST | | | | 〃 | | | | | |
| 1207 | ST disappeared leaving MS alone. | | | | | | | | | |
| 1215 | MS | | | | S/K'TO | | | | | |
| 1222 | MS self grooming. | | | | | | | | | |
| 1228 | MS climbed down and started moving. | | | | | | | | | |
| 1230 | MS | | | | S/K'TO | | | | | |
| 1245 | MS | | | | EBK/CS | | | | | |
| 1249 | MS moved fast and got lost as we followed him through dense vegetation. | | | | | | | | | |
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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 ① LR ① QT ①

# KPC Behavior

DAY 08 MONTH 04 YEAR 09 OBSERVER FMTLWJC MK 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1410 | Found chimps with TJ and | | | started collecting data. | | | | | | |
| 1415 | LKKU TJ | WL LR QT | LOWE QN | NP | M/8 | | | | | |
| 1417 | Hand clasp mutual groom | | | | | | | | | HCG LR ↔ LKK |
| 1430 | LKKU TJ | WL LR QT | LOWE QN | NP | M/8 | | | | | |
| 1433 | LO playing with QN. | | | | | | | | | |
| 1434 | NP grooming QT. | | | | | | | | | |
| 1445 | LKKU TJ | WL LR QT | LOWE QN | NP | M/13 | | | | | |
| 1450 | Chimps climbed into FEX 830 at | | | | KRD/15 | bulk | LR | NO | | didn't. |
| 1457 | QT QN leaving the feeding tree. | | | | | | | | | |
| 1500 | LKKU TJ | WL LR QT | LOWE QN | NP | 15/KRD | ✓ | FEX | RF | | |
| 1508 | Chimps leaving the feeding tree. | | | | | | | | | |
| 1513 | Chimps climbed into FCP 806 at | | | | BFP/21 | bulk | LK | NP | | didn't |
| 1515 | LKKU TJ | WL LR QT | LOWE QN | NP | 4 | ✓ | FCP | RF | | |
| 1530 | LKKU TJ | WL LR QT | LOWE QN | NP | 4 | ✓ | 4 | 4 | | |
| 1543 | Chimps leaving the feeding tree and moved into | | | | | | | | | THV |
| 1545 | LKKU TJ | WL LR QT | LOWE QN | NP | BFP/21 | ✓ | THV | THV | | |
| 1600 | LKKU TJ | WL LR QT | LOWE QN | NP | 4 | ✓ | 4 | 4 | | |
| 1615 | LKKU TJ | WL LR QT | LOWE QN | NP | 4 | ✓ | THV | THV | | |
| 1616 | Chimps leaving the | THV but | RK LK | NP | | were | not | seen. | | |
| | | | | | | | | | | |

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

OU(1) OT(2)

# KPC Behavior

DAY 08th MONTH 04 YEAR 09 OBSERVER FMTTWJC MKJM 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1618 | LR eating red soil from the rocks | | | | | | | | | |
| 1620 | Chimps climbed into mms 031 alt | | | | H/19 | | | | | |
| 1630 | TJ | WL LR DT | LOWC DN | | H/19 | ✓ | mms | RF | | |
| 1645 | TJ | WL LR DT | LOWC DN | | 4 | ✓ | 4 | 4 | | |
| 1700 | TJ | WL LR DT | LOWC DN | | 4 | ✓ | 4 | 4 | | |
| 1711 | Chimps leaving the feeding tree. | | | | | | | | | |
| 15 | TJ | WL LR DT | LOWC DN | | H/20 | | | | | |
| 1715 | Every one climbed into FBX OU4 alt" | | | | and made | | | | | |
| | food grunts but TJ stayed on ground. | | | | | | | | | |
| 1720 | TJ | WL LR DT | LOWC DN | | H/20 | ✓ | FBX | 4W | | |
| 1742 | Chimps started moving. | | | | | | | | | |
| 1744 | TJ moved away and left the party. | | | | | | | | | |
| 1745 | | LR DT WL | DN LO WC | | H/20 | | | | | |
| 1748 | LR building a night nest, 12m high DBH 17cm (E) sp. Olea. | | | | | | | | | |
| 1800 | | LR DT WL | DN LO WC | | H/20 | | | | | |
| 1805 | DT building a night nest, 16 m high, | | | | | | | | | |
| | DBH ? sp. Olea. | | | | | | | | | |
| 1807 | OU(OL) OM09 DT joined the party | | | | | | | | | |
| | and no calls were made. | | | | | | | | | |
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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 08 MONTH 04 YEAR 09 OBSERVER JM FmTWMK 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1810 | OT Om feeding on mms unripe fruit while | | | | | | | | | |
| | OU Og fed on THV. | | | | | | | | | |
| 1815 | | WL LR QT OU | WC LO QV Og | OT Om OL | H/20 | ✓ | mms | UF | | |
| 1821 | QT (QV) leaving the night nest. | | | | | | | | | |
| 1830 | | WL LR QT OU | WC QV LO Og | Om OT OL | H/20 | | | | | |
| 1845 | | WL LR QT OU | WC QV LO Og | Om OT OL | " | ✓ | THV | THV | | |
| 48 | Obs leaving the nest site but others | | | | | | | | | |
| | had not yet nested. | | | | | | | | | |
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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