DAY 10th MONTH 06 YEAR 09 OBS-PC Fm TMF/40 Sm SEAC HOW FOUND FT

| | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estrus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | |
| 5:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | P/25 | | FCy | RF |
| 7:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| 7:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| 7:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| 8:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| 8:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| 8:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| 8:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | FCy | RF |
| 9:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | RDT | — | — |
| 9:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | — | — |
| 9:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | — | — |
| 9:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | — | — |
| 10:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | RDT | FCy | RF |
| 10:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | — | — |
| 10:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | — | — |
| 10:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | THV | THV |
| 11:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | " | " |
| 11:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | P/25 | CAF | YL |
| 11:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | O/24 | — | — |
| 11:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | " | NEO | WD |
| 12:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | O/25 | — | — |
| 12:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | N/25 | FEx | RF |
| 12:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | " | " | " |
| 12:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | N/25 | — | — |
| | 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 | | | | | | N/25 | RDC | — | — |
| 13:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | — | — |
| 13:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | — | — |
| 13:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | — | — |
| 14:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | ANT | YL |
| 14:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | THV | THV |
| 14:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | RDC | " | " |
| 14:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | CAF | YL |
| 15:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | CHT | |
| 15:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| 15:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| 15:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| 16:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | RDC | | |
| 16:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | " | CHT | YL |
| 16:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | RDC | — | — |
| 16:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | — | — |
| 17:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | FEx | YL |
| 17:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | " | " |
| 17:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | FEx | YL |
| 17:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | | | | | | | | — | — |
| 18:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | O | | | | | | | | — | — |
| 18:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | O | | | | | | | | — | — |
| 18:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | O | | | | | | N/25 | | — | — |
| 18:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | |

COMMENTS From 1300 – 1430 WE also heard Blu monkeys. We 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

QT ① WL ① KPC Behavior

DAY 10th MONTH 06 YEAR 09 OBSERVER FM SE SM AC 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 653 | Obs found chimps already feeding on FC4. | | | | | | | | | |
| | We arrived at the nest site but were not there. (642) | | | | | | | | | |
| 700 | | QT WL | QV WC | | S/B | ✓ | FCY | RF | | |
| 715 | | QT WL | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 730 | | QT WL | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 745 | | QT WL | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 800 | | QT WL | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 806 | QT (QV) leaving the feeding tree. | | | | | | | | | |
| 815 | | QT WL | QV WC | | S/B | ✓ | FCY | RF | | |
| 817 | QT building a day nest, 15m high | | | | | | | | | |
| | DBH 48 cm (E) sp. Strombosia. | | | | | | | | | |
| 830 | | QT WL | QV WC | | S/B | ✓ | FCY | RF | | |
| 845 | | QT WL | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 848 | WL building a day nest in the feeding tree. | | | | | | | | | |
| 900 | | QT WL | QV WC | | S/B | | | | RDT | |
| 915 | | QT WL | QV WC | | 〃 | | | | 〃 | |
| 930 | | QT WL | QV WC | | 〃 | | | | 〃 | |
| 945 | | QT WL | QV WC | | S/B | | | | 〃 | |
| 959 | WL (WC) leaving the day nest. | | | | | | | | | |
| | | | | | | | | | | |

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 10th MONTH Oct YEAR 09 OBSERVER Fm Sm Ac SE 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | | QT WM | QV WC | | S/B | ✓ | FEM | RC | RST | |
| 1014 | QT leaving the day nest. | | | | | | | | | |
| 1015 | | QT WM | QV WC | | S/B | | | | | |
| 1016 | Chimps climbed down. | | | | | | | | | |
| 1030 | | QT WM | QV WC | | AA/31 | | | | | |
| 1032 | WC was heard sneezing. | | | | | | | | | |
| 1045 | | QT WM | QV WC | | AA/31 | ✓ | THV | THV | | |
| 1100 | | QT WM | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 1105 | QT climbed into CAF. | | | | | | | | | |
| 1115 | | QT WM | QV WC | | AA/31 | ✓ | CAF | 〃 | | |
| 1123 | QT climbed down the CAF and they started moving. | | | | | | | | | |
| 1126 | QT WM eating red soil from the ground hole. | | | | | | | | | |
| 1130 | | QT WM | QV WC | | O/17 | | | | | |
| 1133 | WM feeding on Trichilia young leaves. | | | | | | | | | |
| 1135 | QT feeding on NEO wood. | | | | | | | | | UNF |
| 1143 | WM joined QT at the NEO wood. | | | | | | | | | |
| 1145 | | QT WM | QV WC | | G/F1 | ✓ | NEO | WD | | |
| 1149 | Chimps stopped feeding on wood. | | | | | | | | | |
| 1200 | | QT WM | QV WC | | F/4 | | | | | |
| | | | | | | | | | | |

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 10th MONTH 06 YEAR 09 OBSERVER Fm Sm SE Ac 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1202 | chimps climbed into FEX at | | | | D/KRD. | | | | | |
| 1215 | | QT WL | QV WC | | " | ✓ | FEX | RF | | |
| 1228 | QT (QV) leaving the feeding tree. | | | | | | | | | |
| 1230 | | QT WL | QV WC | | D/KRD | ✓ | FEX | RF | | |
| 1238 | QT self grooming. | | | | | | | | | |
| 1245 | | QT WL | QV WC | | D/KRD | | | | | |
| 1250 | WL (WC) leaving the feeding tree. | | | | | | | | | |
| 1256 | WL playing with WC by bitting then groomed him. | | | | | | | | | AP |
| 1300 | | QT WL | QV WC | | D/10 | | | | Blu RDC | |
| 1306 | WC playing with a leaf. | | | | | | | | | |
| 1310 | WL playing with WC by bitting. | | | | | | | | | AP |
| 1315 | | QT WL | WC QV | | D/11 | | | | Blu RDC | |
| 1326 | QV playing with WC by touching and wrestling. | | | | | | | | | |
| 1330 | | QT WL | WC QV | | D/11 | | | | Blu RDC | |
| 1334 | WL grooming WC. | | | | | | | | | |
| 1345 | | QT WL | WC QV | | D/11 | | | | | |
| 1353 | WL feeding on Antiaris young leaves. | | | | | | | | | |
| 1400 | | QT WL | WC QV | | D/11 | ✓ | ANT | YL | Blu RDC | |
| 1413 | QT self grooming. | | | | | | | | | |
| | | | | | | | | | | |

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 10th MONTH 06 YEAR 09 OBSERVER Fm SEAC 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1415 | | QT WN | QV WC | | D/11 | ✓ | THV | THV | Bln RDC | |
| 1430 | | QT WN | QV WC | | 〃 | ✓ | 〃 | 〃 | 〃 | |
| 1445 | | QT WN | QV WC | | H/11 | ✓ | CAF | YL | | |
| 1450 | WN feeding on CHT young leaves. | | | | | | | | | |
| 1500 | | QT WN | QV WC | | H/12 | ✓ | CHT | YL | | |
| 1515 | | QT WN | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 1530 | | QT WN | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 1545 | | QT WN | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 1600 | | QT WN | QV WC | | H/12 | ✓ | CHT | YL | RDC | |
| 1615 | | QT WN | QV WC | | 〃 | ✓ | 〃 | 〃 | 〃 | |
| 1627 | QT self grooming. | | | | | | | | | |
| 1630 | | QT WN | QV WC | | H/12 | | | | RDC | |
| 1642 | Chimps climbed down the CHT. | | | | | | | | | |
| 1645 | | QT WN | QV WC | | H/13 | | | | | |
| 1646 | Chimps climbed into FEX. | | | | | | | | | |
| 1700 | | QT WN | QV WC | | H/13 | ✓ | FEX | YL | | |
| 1715 | | QT WN | QV WC | | 〃 | ✓ | 〃 | 〃 | | |
| 1730 | | QT WN | QV WC | | H/13 | ✓ | 〃 | 〃 | | |
| 1738 | WN (WC) leaving the feeding tree | | | | but | climbed | | | Come down. | |
| | | | | | | | | | | |

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 10th MONTH 06 YEAR 09 OBSERVER Em 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1740 | Wh moved into an old nights nest and | | | | | | | | | |
| | started improving it. 10m high. DBH 15cm | | | | | | | | | |
| | (E) sp. Dipterocarpus. | | | | | | | | | |
| 1743 | QT (QV) leaving the feeding tree. | | | | | | | | | |
| 1745 | | QT Wh | QV WC | | H/13 | | | | | |
| 1800 | | QT Wh | QV WC | | H | | | | | |
| 1815 | | QT Wh | QV WC | | H | | | | | |
| 1830 | | QT Wh | QV WC | | H/13 | | | | | |
| 1840 | Obs leaving the nest site. | | | | | | | | | |
| | QT's nest was not seen but she's around. | | | | | | | | | |

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