DAY 27th MONTH 01 YEAR 2009 OBS-PC Fm TMF/40 KJTWICMKND (SK JMK JM) HOW FOUND FT

| | ST | TU | BB | YB | AJ | MS | LK | KK | PG | ES | PB | TJ | AM | BL | BU | BO | MU | MX | OU | OK | OT | OG | OM | TG | TT | TS | UM | UN | AL | AT | AZ | LR | LO | WA | WE | WL | QT | JK | ML | MM | NP | EU | WC | GRID | MNK | SP | PT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Estrus | | | | | | | | | | | | | | | | | 1 | | 1 | | 2 | | | 2 | | | 3 | 3 | | | | 1 | | 3 | | 1 | | 2 | | | | | | | | | | |
| 5:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7:00 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | J/25 | None | FNA | RF |
| 7:15 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 7:30 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 7:45 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 8:00 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 8:15 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 8:30 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 8:45 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 9:00 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 9:15 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 9:30 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 9:45 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 10:00 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 10:15 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 10:30 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 10:45 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 11:00 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 11:15 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 11:30 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 11:45 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 12:00 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 12:15 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 12:30 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 12:45 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | J/25 | None | FNA | RF |
| | ST | TU | BB | YB | AJ | MS | LK | KK | PG | ES | PB | TJ | AM | BL | BU | BO | MU | MX | OU | OK | OT | OG | OM | TG | TT | TS | UM | UN | AL | AT | AZ | LR | LO | WA | WE | WL | QT | JK | ML | MM | NP | EU | WC | | | | |
| 13:00 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | J/25 | None | FNA | RF |
| 13:15 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 13:30 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 13:45 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 14:00 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | FNA | RF |
| 14:15 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | — | — |
| 14:30 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | THV | THV |
| 14:45 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 15:00 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | | |
| 15:15 | X | X | X | | X | | X | | X | | X | | | | | | X | | X | | X | | | X | | | X | | | | X | | X | | X | | | | | | | | | | | J/25 | | | |
| 15:30 | X | X | | | X | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | J/24 | | | |
| 15:45 | X | X | | | X | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 16:00 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 16:15 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 16:30 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 16:45 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 17:00 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 17:15 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 17:30 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 17:45 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 18:00 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 18:15 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 18:30 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| 18:45 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | J/24 | | | |
| 19:00 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | J/25 | | THV | THV |
| 19:15 | X | X | | | | | X | | X | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | " | None | — | — |
| 19:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19:45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20:15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20:30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ST | TU | BB | YB | AJ | MS | LK | KK | PG | ES | PB | TJ | AM | BL | BU | BO | MU | MX | OU | OK | OT | OG | OM | TG | TT | TS | UM | UN | AL | AT | AZ | LR | LO | WA | WE | WL | QT | JK | ML | MM | NP | EU | WC | GRID | MNK | SP | PT |
| Health | 1 | 1 | 1 | | 4 | | 1 | | 1 | | 1 | | | | | | 1 | | 1 | | 1 | | | 1 | | | 1 | | | 5 | | 1 | | 1 | | 1 | | | | | | | | | | | |

COMMENTS AJ's Arms was Swollen. AJ had a wound under his foot. 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

MU① WL① QT① LR① OU① ML② OT② TG② AL③ WA③ UM③

# KPC Behavior

DAY 27th MONTH 01 YEAR 09 OBSERVER Fm KJ TW (IC MK ND) 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 650 | Obs arrived at 2E/1S and found chimps | | | | | | | | | |
| | already in the FNA. | | | | | | | | | |
| 700 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL LRQT MLOU | OG TTAZAT MNMX UNWC QNLO | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 715 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL LRQTOU ML | OG TTAZAT MNMX QN WCLO UN | WEEU OMOTTS NP | " | ✓ | " | " | | |
| 727 | Someone was chased in the feeding tree | | | | | | | | | |
| | and fled screaming as the others warbarked. | | | | | | | | | |
| 730 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL LRQTOU ML | OG TTAZAT MNMX QN WCLO UN | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 745 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL LRQTOU ML | OG TTAZAT MNMX QN WCLO UN | WEEU OMOTTS NP | " | ✓ | " | " | | |
| 757 | OT made attack 2 on AT by kicking and bitting, | | | | | | | | | |
| | and he retaliated also bitting and both screamed | | | | | | | | | |
| | as OT fled. | | | | | | | | | |
| 800 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL LRQTOU ML | OG TTAZAT MNMX QN WCLO UN | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 801 | Silent cop. and no dart, 10 secs, F→M approach | | | | | | | | | CP AT→WA |
| 802 | WL chased AT who fled screaming. | | | | | | | | | |
| 810 | Someone was chased in the feeding tree | | | | | | | | | |
| | and he fled | | | | | | | | | |
| 815 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA TGALMU LRQT MLOU | OG TTAZAT MNMX QN WCLO UN | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 816 | MS grooming TU. | | | | | | | | | |
| 817 | LK grooming UM. | | | | | | | | | |
| | | | | | | | | | | |

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 27th MONTH 01 YEAR 09 OBSERVER IC MK ND FM KJ 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 820 | Hand clasp mutual groom | | | | | | | | | Hcg BB⇆LK |
| 821 | BB grooming LK. | | | | | | | | | |
| 822 | Silent cop. 6 secs, and KK interfered by making non | | | | | | | | | CP BB→UM |
| | vocal displays and UM fled screaming. | | | | | | | | | |
| 822 | ES made non vocal displays chasing WL who | | | | | | | | | |
| | fled screaming and WA fled pant barking. | | | | | | | | | |
| 825 | LK made non vocal displays chasing BB TU | | | | | | | | | |
| | who fled silently. | | | | | | | | | |
| 826 | Silent cop. and no dart, 10 secs, M→F approach | | | | | | | | | CP KK→UM. |
| 826 | ES made non vocal displays in the feeding tree | | | | | | | | | |
| | and was joined by TJ and immediately some one | | | | | | | | | |
| | was chased in poor view and fled screaming. | | | | | | | | | |
| 828 | TJ made non vocal displays to LR who fled warbarking | | | | | | | | | |
| 830 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA TG AL MU LR QT MLOU | OG TTAZAT MNMXQV WCLO UN | WEEY OMOTTS NP | 2E /1S | ✓ | FNA | RF | | |
| 832 | ES made non vocal displays in the feeding tree | | | | | | | | | |
| | and QT LR fled warbarking, Then MS chased TJ | | | | | | | | | |
| | who fled screaming and warbarking. | | | | | | | | | |
| 833 | BB grooming EU. | | | | | | | | | |
| 834 | Silent cop. and no dart, 10 secs, M→F approach; LK groomed. | | | | | | | | | CP LK→UM |
| 838 | EU grooming BB. | | | | | | | | | |

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# KPC Behavior

DAY 27th MONTH 01 YEAR 09 OBSERVER JM KMK MD FmKJTW 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 845 | Cop. with screams and dart, 7secs, F→M approach | | | | | | | | | CP ES→WA |
| 845 | YBBB TUES LKKK PG PB MSST TJAJ | WL UMWA TG AL MU LR QT ML OU | OG TT AZ AT MN MX QN WC LO UN | WE EU OM OT TS NP | 2E /1S | ✓ | FNA | RF | | |
| 848 | MS grooming KK. | | | | | | | | | |
| 900 | YBBB TUES LKKK PG PB MSST TJAJ | WL UMWA MU TG AL LR QT OU ML | OG TT AZ AT MN MX QN WC LO UN | WE EU OM OT TS NP | 2E /1S | ✓ | FNA | RF | | |
| 915 | YBBB TUES LKKK PG PB MSST TJAJ | WL UMWA MU TG AL LR QT OU ML | OG TT AZ AT MN MX QN WC LO UN | WE EU OM OT TS NP | " | ✓ | " | " | | |
| 915 | AT approached and inspected ML by smelling | | | | | | | | | |
| | on the Estrous. | | | | | | | | | |
| 916 | AL grooming AT. | | | | | | | | | |
| 920 | LR grooming AJ. | | | | | | | | | |
| 924 | AJ grooming LR. | | | | | | | | | |
| 927 | AT grooming AL | | | | | | | | | |
| 930 | AL grooming AT | | | | | | | | | |
| 930 | YBBB TUES LKKK PG PB MSST TJAJ | WL UMWA MU TG AL LR QT OU ML | OG TT AZ AT MN MX QN WC LO UN | WE EU OM OT TS NP | 2E /1S | ✓ | FNA | RF | | |
| 945 | YBBB TUES LKKK PG PB MSST TJAJ | WL UMWA MU TG AL LR QT OU ML | OG TT AZ AT MN MX QN WC LO UN | WE EU OM OT TS NP | " | ✓ | " | " | | |
| 45 | LK chased someone in the feeding tree | | | | | | | | | |
| | and he fled screaming. | | | | | | | | | |
| 1000 | YBBB TUES LKKK PG PB MSST TJAJ | WL UMWA MU TG AL LR QT ML OU | OG TT AZ AT MN MX QN WC LO UN | WE EU OM OT TS NP | 2E /1S | ✓ | FNA | RF | | |
| 1002 | Silent cop. and dart, 6secs, F→M approach | | | | | | | | | CP TJ→AL |
| 1004 | TU ST PG leaving the feeding tree and rested on ground. | | | | | | | | | |
| 1005 | AT's Anus is still swollen and the eye is ok. | | | | | | | | | |

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# KPC Behavior

DAY 27th MONTH 01 YEAR 09 OBSERVER FmKJTW (KMKJMND) 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1015 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL LRML QTOU | OG TTAZAT MNMX UNWC QVLO | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1030 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MNMX UNWC QVLO | WEEU OMOTTS NP | " | ✓ | " | " | | |
| 1045 | YBBB TUESAJ LKKK PGPB MSST TJ | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MNMX QV UNLO WC | WEEU OMOTTS NP | " | ✓ | " | " | | |
| 1100 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MNMX QV UNLO WC | WEEU OMOTTS NP | " | ✓ | " | " | | |
| 1115 | YBBB TUES LKKK MSST PGAJ TJPB | WL UMWA MUTGAL LRML QTOU | OG TTAZAT MXMN UNWC QVLO | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1123 | ES grooming LK. | | | | | | | | | |
| 127 | ML approached and presented to LK who groomed her. | | | | | | | | | |
| 1130 | YBBB TUESTJ LKKK PGPB MSST AJ | WL UMWA MUTGAL LRML QTOU | OG TTAZAT MNMXLO UNWC QV | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1144 | LK grooming MU. | | | | | | | | | |
| 1145 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL LRML QTOU | OG TTAZAT MNMXLO UNWC QV | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1154 | MU pant grunted and presented to LK who | | | | | | | | | |
| | inspected her by touching on the Estrous. | | | | | | | | | |
| 1200 | YBBB MSST TUES PGAJ LKKK TJPB | WL UMWA MUTGAL LRML QTOU | OG TTAZAT MNMXLO UNWC QV | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1213 | MU (MN) MX YB also climbed down. | | | | | | | | | |
| 1215 | YBBB MSST TUES LKKK PGAJ TJPB | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MNMXLO UNWC QV | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1221 | Someone was attacked in poor view and fled | | | | | | | | | |
| | screaming while the others warbarked. | | | | | | | | | |
| 1230 | YBBB MSST TUES LKKK PGAJ TJPB | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MNMXLO UNWC QV | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1231 | WL approached and pant grunted to LK who groomed her. | | | | | | | | | PTG |
| | | | | | | | | | | |

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 27th MONTH 01 YEAR 09 OBSERVER MK KJMND FmKJTW 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1235 | Lk self grooming. | | | | | | | | | |
| 1238 | AJ was seen leaving the day nest. | | | | | | | | | |
| 1241 | PB building a day nest, 23m high DBH 60cm (E)sp. Diospyrus | | | | | | | | | |
| 1243 | WL grooming AJ. | | | | | | | | | |
| 1244 | Silent cop. and no dart 6 secs, M→F approach, Lk | | | | | | | | | LK CP→UM. groomed. |
| 1245 | YBBB TUES LKKK PGAJ MSST PBTJ | WL UMWA MUTGAL LRML QTOU | 09 TTAZAT MXMNLO UNWC QV | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1246 | Mutual groom but not hand clasp | | | | | | | | | LK⇄AJ |
| 1250 | Lk grooming AJ. | | | | | | | | | |
| 1257 | AJ grooming Lk. | | | | | | | | | |
| 1300 | YBBB TUES LKKK PGAJ MSST PBTJ | WL UMWA MUTGAL LRML QTOU | 09 TTAZAT MXMNLO UNWC QV | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1302 | QT grooming BB and EU grooming ES. | | | | | | | | | |
| 1305 | Hand clasp mutual groom | | | | | | | | | Hcg AJ⇄Lk |
| 1306 | AJ grooming Lk. | | | | | | | | | |
| 1307 | AJ chased AL who fled screaming but no one responded. | | | | | | | | | |
| 1308 | ML moved into a day nest. | | | | | | | | | |
| 1310 | AJ grooming LR. | | | | | | | | | |
| 1315 | YBBB TUES LKKK PGAJ MSST PBTJ | WL UMWA MUTGAL LRML QTOU | 09 TTAZAT MXMNLO UNWC QV | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1317 | Someone was chased in poor view and fled pantbarking. | | | | | | | | | |
| 1318 | ML 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 27th MONTH 01 YEAR 09 OBSERVER FmKJTW JM MK lc ND 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1319 | PG made non vocal displays and stumped the ground. | | | | | | | | | |
| | but no one responded. | | | | | | | | | |
| 1320 | Silent cop. M→F approach, 3 secs and BB made | | | | | | | | | CP ST→um |
| | non vocal displays and attack one to ST who | | | | | | | | | |
| | fled screaming. | | | | | | | | | |
| 1321 | Silent cop. and no dart, 7 secs, M→F approach | | | | | | | | | CP BB→um. |
| 1326 | silent cop. 4 secs, M→F approach and LK interfered | | | | | | | | | |
| | by making non vocal displays and chased MS um | | | | | | | | | |
| | who fled silently but um avoided casually pant barking. | | | | | | | | | |
| 1330 | YBBB TUES LKKK PGAJ MSSI PBTJ | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MX MN QV WC LO UN | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1345 | YBBB TUES LKKK PGAJ MSSI PBTJ | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MX MN QV WC LO UN | WEEU OMOTTS NP | " | ✓ | " | " | | |
| 1400 | YBBB TUES LKKK PGAJ MSSI PBTJ | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MX MN QV WC LO UN | WEEU OMOTTS NP | " | ✓ | " | " | | |
| 1415 | YBBB TUES LKKK PGAJ MSSI PBTJ | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MX MN QV WC LO UN | WEEU OMOTTS NP | 2E/1S | ✓ | FNA | RF | | |
| 1421 | ~~um~~ UN leaving the feeding tree last. | | | | | | | | | |
| 1430 | YBBB TUES LKKK PGAJ MSSI PBTJ | WL UMWA MUTGAL MLLR QTOU | OG TTAZAT MX MN LO UN WC QV | WEEU OMOTTS NP | 2E/1S | | | | | |
| 1430 | BB made non vocal displays chasing um | | | | | | | | | |
| | who fled screaming. | | | | | | | | | |
| 1431 | Cop. with screams but no dart, 9 secs, M→F approach | | | | | | | | | CP BB→um |
| 1432 | MS chased um who fled screaming but no one responded. | | | | | | | | | |
| | | | | | | | | | | |

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 27th MONTH 01 YEAR 09 OBSERVER FM KJ TW (JMM KK ND) 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1433 | cop. with screams but no dart, 7secs, M→F approach | | | | | | | | | CP TU→UM |
| 1439 | LK made non vocal displays and UM screamed but didn't avoid. UM also screamed and hugged LK. Immediately TUBB chased MS while warbarking and he fled screaming into the tree then PG made non vocal displays approaching MS then both made soft screams as pg touched MS' testicles but TUBB continued warbarking to both of them. PG fled making non vocal displays and TUBB made joint vocal displays chasing MS who fled screaming to LK, and TUBB made warbarks, then MS made soft screams and mounted BB. | | | | | | | | | |
| 1440 | Silent cop. and no dart, 7secs, M→F approach | | | | | | | | | CP ST→UM |
| 1441 | MS approached AJ making soft screams, mounted then groomed him. | | | | | | | | | |
| 1441 | Silent cop. and no dart, 6secs, and some males interfered by making warbarks. | | | | | | | | | |
| 1442 | LK made vocal displays chasing TUBB who fled making warbarks. | | | | | | | | | |
| 1445 | YBBB TUES LKKK PSPB MSST TJAJ | WL UMWA MUSAL LR OTOU ML | BB TTATAZ MMMXON BMWC LO | WEEU OMOTTS NP | 3E /WB | ✓ | THV | THV | | |
| | | | | | | | | | | |

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 27th MONTH 07 YEAR 09 OBSERVER Fm KJ TW (ICJm MKND) 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1447 | NP grooming EU. | | | | | | | | | |
| 1449 | TU made an arm threat to EU who screamed but didn't avoid. | | | | | | | | | |
| 1450 | Someone chased PG who fled screaming to LK who ignored, then MSBBAJ made non vocal displays and LK PG ran into trees, immediately BB chased TU who fled screaming as the others war barked. | | | | | | | | | |
| 1452 | Chain groom PG→LK→AJ. | | | | | | | | | |
| 1500 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL LRML QTOU | OG TTATAZ MNMXLO UNWC QV | WEEU OMOTTS NP | 3E/WB | ✓ | THV | THV | | |
| 1500 | TU charged and chased TJ who fled screaming but no one responded. | | | | | | | | | |
| 1513 | ST grooming AJ. | | | | | | | | | |
| 1514 | LK grooming PG. | | | | | | | | | |
| 1515 | Cop. with screams but no dart, 9 secs, M→F approach. | | | | | | | | | CP MS→UM |
| 1515 | YBBB TUES LKKK PGPB MSST TJAJ | WL UMWA MUTGAL LRQT MLOU | OG TTATAZ MNMX UNWC QVLO | WEEU OMOTTS NP | 3E/WB | ✓ | THV | THV | | |
| 1530 | MSST LKAJ TUBB PGES PBTJ | UM | UM | EUNP | K/WB | ✓ | " | " | | |
| 1545 | MSST LKAJ TUBB PGES PBTJ | UM | UM | EUNP | " | ✓ | THV | THV | | |
| 1549 | Silent cop. and no dart, 6 secs, M→F approach | | | | | | | | | CP ST→UM. |
| 1600 | MSST LKAJ TUBB PGES PBTJ | UM | UM | EUNP | K/WST | ✓ | THV | THV | | |
| 1602 | AJ still has a wound under his foot. | | | | | | | | | |

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

1519 chimps separated and others moved away.

# KPC Behavior

VCJM MK ND

DAY 27th MONTH 01 YEAR 09 OBSERVER FM KB TW 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 | | | | | | |
| 1604 | PG grooming AJ. | | | | | | | | | |
| 1615 | MSST LWAS TUBB PGES PBTS | UM | UM | EUNP | K WST | ✓ | THV | THV | | |
| 1623 | LK grooming AJ. | | | | | | | | | |
| 1625 | LK grooming ST and AJ grooming UM. | | | | | | | | | |
| 1630 | MSST LWAS TUBB PGES PBTS | UM | UM | EUNP | K WST | ✓ | THV | THV | | |
| 1630 | LK Self grooming and MS grooming ST. | | | | | | | | | |
| 1641 | LK grooming ST. | | | | | | | | | |
| 1645 | MSST LWAS TUBB PGES PBTS | UM | UM | EUNP | K WST | ✓ | THV | THV | | |
| 1646 | PG was heard coughing. | | | | | | | | | |
| 1649 | PG made non vocal displays and | | | | MS | AJ | ST | was barked | | |
| | at him and he fled screaming. | | | | | | | | | |
| 1650 | PG approached AJ making soft screams and mounted | | | | | | | | | |
| | him, and MS mounted BB, then | | | | MS | AJ | groomed | | | BB. |
| 1650 | Silent copi and no darts, 7 secs, M→F approach, | | | | | | | | | CP TW→UM |
| | and ST interfered by making vocal displays | | | | | | | | | |
| | but he didn't stop. | | | | | | | | | |
| 1651 | Silent copi and no darts, 3 secs, M→F approach | | | | | | | | | CP BB→UM |
| | and ST interfered by making vocal displays | | | | | | | | | |
| | and he stopped. | | | | | | | | | |
| | | | | | | | | | | |

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 27th MONTH 01 YEAR 09 OBSERVER Fm KJTW JM NDMK JMK SK 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1658 | MP self grooming. | | | | | | | | | |
| 1659 | MP picked a leaf and groomed it for 17 secs. | | | | | | | | | TLU |
| | She was self grooming before and after. | | | | | | | | | |
| 1659 | Silent cop. and no dart, 6secs, m→F approach | | | | | | | | | CP MS→um. |
| 1700 | MSST LKAJ TUBB PGES PBTJ | um | UN | EUNP | K/WST | ✓ | THV | THV | | |
| 1712 | LK grooming BB. | | | | | | | | | |
| 1715 | MSST LKAJ TUBB PGES PBTJ | um | UN | EUNP | K/WST | ✓ | THV | THV | | |
| 1718 | OUOMOTOG joined the party and no calls were made. | | | | | | | | | |
| 1730 | MSST LKAJ TUBB PGES PBTJ | UMOU | UNOG | EUNP OMOT | K/WST | ✓ | THV | THV | | |
| 1745 | MSST LKAJ TUBB PGES PBTJ | UMOU | UNOG | EUNP OMOT | " | ✓ | " | " | | |
| 1747 | MP OT playing with UN. | | | | | | | | | |
| 1748 | LK grooming ST. | | | | | | | | | |
| 1800 | MSST LKAJ TUBB PGES PBTJ | UMOU | UNOG | EUNP OMOT | K/WST | ✓ | THV | THV | | |
| 1814 | EU grooming ES. | | | | | | | | | |
| 1815 | MSST LKAJ TUBB PGES PBTJ | UMOU | UNOG | EUNP OMOT | K/WST | ✓ | THV | THV | | |
| 1828 | Um moved and PG made non vocal displays and ES | | | | | | | | | |
| | fled screaming, then LK mounted MS and AJ mounted LK. | | | | | | | | | |
| 1830 | MSST LKAJ TUBB PGES PBTJ | UMOU | UNOG | EUNP OMOT | K/WST | ✓ | THV | THV | | |
| 1837 | PG made non vocal displays chasing OT who fled | | | | | | | | | |
| | into the tree silently. ST um also fled and um pantbarked. | | | | | | | | | |

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 27th MONTH 01 YEAR 09 OBSERVER Fm KJTW 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1845 | MSST LWAJ TUBB PGES PBTJ | UMOU | UNO9 | EUNP OMOT | K/WB | L | THV | THV | | |
| 1855 | Heard distant calls from west | | | | 07 | K | 15 | and | | |
| | this party didn't response. | | | | | | | | | |
| 1857 | Some one made non vocal displays and ground | | | | | | | | | |
| | slaps, and others pant barked. | | | | | | | | | |
| 1900 | TJ MSST LWAJ TUBB PGES PBS | UMOU | UNO9 | EUNP OMOT | 2E/WB | L | THV | THV | | |
| 1901 | TU moved into an old nest, 6m high | | | | DBH A 10cm (E) Sp. Uvariopsis | | | | | |
| | and started improving it. | | | | | | | | | |
| 1905 | AJ moved into an old nest, 7m high, DBH 10cm (E) | | | | | | | | | |
| | Sp. Uvariopsis and started improving it. | | | | | | | | | |
| 1912 | LK made vocal displays and MSST fled screaming, | | | | | | | | | |
| | then BB also made non vocal displays and attack | | | | | | | | | |
| | one on um by kicking and she screamed | | | | | | | | | |
| | then casually avoided. | | | | | | | | | |
| 715 | MSST TUBB PGAJ LWES PBTJ | UMOU | UNO9 | EUNP OMOT | 2E/WB | | | | | |
| 1916 | PG made non vocal displays and | | | | some IDs | | | | | |
| | fled pant barked. | | | | | | | | | |
| 1917 | LK moved into an old nest and started improving it. | | | | | | | | | |
| 1920 | 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