DAY 22nd MONTH 03 YEAR '09 OBS-PC FM TMF/40 KJ MK HOW FOUND N

Time	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
Estrus																							1								1											
5:45																																										
6:00																																										
6:15																																										
6:30																																										
6:45																																										
7:00	X			X				X				X											X	X	X						X	X										
7:15	X			X				X				X											X	X	X						X	X										
7:30	X			X				X				X											X	X	X						X	X										
7:45	X			X				X				X											X	X	X						X	X										
8:00	X			X				X				X											X	X	X						X	X										
8:15	X			X				X				X											X	X	X						X	X										
8:30	X			X				X				X											X	X	X						X	X										
8:45	X			X				X				X											X	X	X						X	X										
9:00	X			X				X				X											X	X	X						X	X										
9:15	X			X				X				X											X	X	X						X	X										
9:30	X			X				X				X											X	X	X						X	X										
9:45	X			X				X				X											X	X	X						X	X										
10:00	X			X				X				X											X	X	X						X	X										
10:15	X			X				X				X											X	X	X						X	X										
10:30	X			X				X				X											X	X	X						X	X										
10:45	X			X				X				X											X	X	X						X	X										
11:00	X			X				X				X											X	X	X						X	X										
11:15	X			X				X				X											X	X	X						X	X										
11:30	X			X				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																	
13:00	X			X				X				X											X	X	X																	
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																	
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																	
15:15	X			X				X				X											X	X	X																	
15:30	X			X				X				X											X	X	X																	
15:45	X			X				X				X											X	X	X																	
16:00	X			X				X				X											X	X	X																	
16:15	X			X				X				X											X	X	X																	
16:30	X			X				X				X											X	X	X																	
16:45	X			X				X				X											X	X	X																	
17:00	X			X				X				X											X	X	X																	
17:15	X			X				X				X											X	X	X																	
17:30	X			X				X				X											X	X	X																	
17:45	X			X				X				X											X	X	X																	
18:00	X			X				X				X											X	X	X																	
18:15	X			X				X				X											X	X	X																	
18:30	X			X				X				X											X	X	X																	
18:45	X			X				X				X											X	X	X																	
19:00	X			X				X				X											X	X	X																	
19:15																																										
19:30																																										
19:45																																										
20:00																																										
20:15																																										
20:30																																										
Health	1			1				1				1											1	1	1						1	1										

Time	GRID	MNK	SP	PT
5:45				
6:00				
6:15				
6:30				
6:45				
7:00	Q/25		—	—
7:15	"		—	—
7:30	P/25		—	—
7:45			Mms	RF
8:00				
8:15				
8:30				
8:45				
9:00				
9:15			↓	↓
9:30	↓		Mms	RF
9:45	P/25		—	—
10:00	P/24		Mms	UF
10:15	"		"	"
10:30	"		"	"
10:45	P/24		Mms	UF
11:00	O/25		—	—
11:15	O/24		—	—
11:30	O/25		—	—
11:45	N/25	RDC	FEx	RF
12:00		"		
12:15		RDC		
12:30	↓		↓	↓
12:45	N/25		FEx	RF
13:00	N/25		FEx	RF
13:15			—	—
13:30			—	—
13:45			—	—
14:00			—	—
14:15			—	—
14:30			—	—
14:45			—	—
15:00			—	—
15:15			—	—
15:30			—	—
15:45			—	—
16:00			—	—
16:15			PTE	FL
16:30				
16:45				
17:00				
17:15				
17:30				
17:45			↓	↓
18:00			PTE	FL
18:15			Com	RF
18:30			"	"
18:45	↓		Com	RF
19:00	N/25		—	—
19:15				
19:30				
19:45				
20:00				
20:15				
20:30				

COMMENTS From 17:15 – 18:00 chimps were feeding on both PTE FL and com ripe fruit.

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

TS① LR①

KPC Behavior

DAY 22nd MONTH 03 YEAR 09 OBSERVER FmKJmk 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						
656	Obs arrived at the next site and found									
	Chimps had left the nests but were still grouped.									
700	ST TJ KK YB	TS LR	LOTT	TS	W/S					
715	ST TJ KK YB	TS LR	LOTT	TS	W					
730	ST TJ KK YB	TS LR	LOTT	TS	A/S					
735	Chimps (KK LR LO) climbed into mms.									
745	ST TJ KK YB	TS LR	LOTT	TS	A/S	✓	mms	RF		
754	TS (TS) TT ST	also	climbed	into	mms.					
800	KK TJ ST YB	TS LR	LOTT	TS	A/S	✓	mms	RF		
806	TJ also	climbed	into	mms						
815	KK ST TJ YB	TS LR	LOTT	TS	A/S	✓	mms	RF		
830	KK YB ST TJ	TS LR	LOTT	TS	4	✓	4	4		
845	KK YB ST TJ	TS LR	LOTT	TS	4	✓	4	4		
900	KK YB ST TJ	TS LR	LOTT	TS	4	✓	mms	RF		
915	KK YB ST TJ	TS LR	LOTT	TS	4	✓	4	4		
930	KK YB ST TJ	TS LR	LOTT	TS	A/S	✓	mms	RF		
933	Chimps climbed down the mms and started moving.									
945	KK YB ST TJ	TS LR	LOTT	TS	AP/34					
956	Chimps climbed into another mms at Z127.									

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 22 MONTH 03 YEAR 09 OBSERVER FmKJMK 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						
1000	STTJ YBKu	T9LR	LOTT	TS	Z/27	✓	mms	UF		
1015	STTJ YBKu	T9LR	LOTT	TS	〃	✓	〃	〃		
1030	STTJ YBKu	T9LR	LOTT	TS	〃	✓	〃	〃		
1045	STTJ YBKu	T9LR	LOTT	TS	Z/27	✓	mms	UF		
1049	Chimps climbed down the mms and started mating.									
1100	STTJ YBKu	T9LR	LOTT	TS	9/27					
1115	STTJ YBKu	T9LR	LOTT	TS	H/-1					
1130	STTJ YBKu	T9LR	LOTT	TS	G/3					
1142	Some IDs made vocal displays and buttress bangs,									
	and others responded with war barks.									
1144	Chimps climbed into FEX and TJ				C/9					
	climbed into another one nearby but LR (LO) moved away.									
1145	STTJ YBKu	T9	TT	TS	C/9	✓	FEX	RF	RBC	
1200	STTJ YBKu	T9	TT	TS	〃	✓	〃	〃	〃	
1215	STTJ YBKu	T9	TT	TS	〃	✓	〃	〃	RBC	
1230	STTJ YBKu	T9	TT	TS	〃	✓	〃	〃		
1243	YB Ku leaving the feeding tree.									
1245	STTJ YBKu	T9	TT	TS	C/9	✓	FEX	RF		
1300	STTJ YBKu	T9	TT	TS	〃	✓	〃	〃		

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

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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 22nd MONTH 03 YEAR 09 OBSERVER FM KJMK 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						
1310	TT grooming TG.									
1311	Chain grooming, TT → TG → TS.									
1312	ST self grooming.									
1313	TG grooming TT.									
1315	ST TJ YB KK	TG	TT	TS	C/9					
1316	Chain grooming.		TS → TG → TT.							
1318	Hand clasp mutual groom									HCG TG ⇄ TT
1319	TG grooming TS.									
1330	ST TJ YB KK	TG	TT	TS	C/9					
1345	ST TJ YB KK	TG	TT	TS	4					
1400	ST TJ YB KK	TG	TT	TS	C/9					
1402	TG grooming TT.									
1408	YB grooming KK.									
1415	ST TJ YB KK	TG	TT	TS	C/9					
1427	YB KK climbed into FBR and TT TS followed them.									
1430	ST TJ YB KK	TG	TT	TS	E/10					
1438	YB KK leaving the feeding tree.									
1440	ST self grooming.									
1442	TT TS leaving the feeding tree.									

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 22nd MONTH 03 YEAR 09 OBSERVER FmKJMK 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						
1445	TT got some leaves, made a wadge and									TLU/ DR
	used it to drink water from a tree hole.									
1445	ST TJ YB KK	TG	TT	TS	E/10					
1500	ST TJ YB KK	TG	TT	TS	4					
1507	ST grooming YB and TS grooming TT.									
1508	YB grooming ST.									
1515	ST TJ YB KK	TG	TT	TS	E/9					
1520	ST grooming KK and TS grooming TG.									
1524	TG grooming TS.									
1525	Hand clasp mutual groom									HCG KK ⇆ ST
1526	KK grooming ST.									
1530	ST TJ YB KK	TG	TT	TS	E/9					
1531	TS grooming TG.									
1533	KK picked a leaf after grooming ST and groomed									TLU
	it for 41 secs then ST groomed him.									
1540	TS self grooming.									
1542	TG self grooming.									
1545	KK approached TG who pant grunted to him.									PTG
1545	ST TJ YB KK	TG	TT	TS	E/9					

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 22nd MONTH 03 YEAR 09 OBSERVER Fm KJMK 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						
1547	Hand clasp mutual groom									Hcg TG⇆ST
1549	ST grooming TG.									
1551	TG grooming ST.									
1554	Hand clasp both only ST grooming.									Hcg ST→TG.
1556	ST grooming TG.									
1558	Chain grooming, ST→TG→TS									
1559	ST grooming TG.									
1600	ST TJ YBKK	TG	TT	TS	E/9					
1605	Chimps climbed into PTE at				E/7					
1615	ST TJ YBKK	TG	TT	TS	4	✓	PTE	FL		
1630	ST TJ YBKK	TG	TT	TS	4	✓	4	4		
1645	ST TJ YBKK	TG	TT	TS	4	✓	PTE FEX	FL RF		
1700	ST TJ YBKK	TG	TT	TS	E/7	✓	4	4		
1709	KK leaving the PTE and moved into						Com.			
1715	ST TJ YBKK	TG	TT	TS	E/7	✓	PTE Com	FL RF		
1730	ST TJ YBKK	TG	TT	TS	4	✓	4	4		
1745	ST TJ YBKK	TG	TT	TS	4	✓	4	4		
1800	ST TJ YBKK	TG	TT	TS	4	✓	4	4		
1811	Some IDS	(KK YBT JST) resting on the ground.								

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KPC Behavior

DAY 22nd MONTH 03 YEAR 09 OBSERVER FM KJ MK 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						
1812	ST Self grooming.									
1815	STTJ YBKW	T9	TT	TS	F/7	✓	Com	RF		
1830	STTJ YBKW	T9	TT	TS	4	✓	4	4		
1845	STTJ YBKW	T9	TT	TS	4	✓	Com	RF		
1847	T9 got some leaves and moved into an old									
	nest then started improving it.									
1850	TT building a night nest, 18m high, DBH ?, SP. Albizzia.									
1900	STTJ YBKW	T9	TT	TS	6/KRD					
1904	Obs leaving the nest site but the males									
	had not yet nested.									

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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