DAY 20th MONTH 10 YEAR '09 OBS-PC Fm TMF/40 TW 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	TA	GRID	MNK	SP	PT
Estrus													3						1	2			1								1				1		1											
5:45																																																
6:00	X	X	X	X	X	X	X	X		X		X	X		X				X	X	X	X	X	X	X				X		X	X			X	X	X	X			X	X	X	X	O/25		—	—
6:15	X	X	X	X	X	X	X	X		X		X	X		X				X	X	X	X	X	X	X				X		X	X			X	X	X	X			X	X	X	X	"		FBR	RF
6:30	X	X	X	X	X	X	X	X		X		X	X		X				X	X	X	X	X	X	X				X		X	X			X	X	X	X			X	X	X	X	O/25		"	"
6:45	X	X	X	X	X	X	X	X		X		X	X		X				X	X	X	X	X	X	X				X		X	X			X	X	X	X			X	X	X	X	N/25		CHT	YL
7:00	X	X	X	X	X	X	X	X		X		X	X		X				X	X	X	X	X	X	X				X		X	X			X	X	X	X			X	X	X	X	"		"	"
7:15	X	X	X	X	X	X	X	X		X		X	X		X				X	X	X	X	X	X	X				X		X	X			X	X	X	X			X	X	X	X	N/25		"	"
7:30	X	X	X	X	X	X	X	X		X		X	X		X				X	X	X	X	X	X	X				X		X	X			X	X	X	X			X	X	X	X	O/25		CHT	YL
7:45	X	X	X	X	X	X	X	X		X		X	X		X														X												X	X			N/26		—	—
8:00	X	X	X	X	X	X	X	X		X		X	X		X														X												X	X					Fcp	UF
8:15	X	X	X	X	X	X	X	X		X		X	X		X														X												X	X				RDT	"	RF
8:30				X				X																					X												X						THV	THV
8:45				X				X																					X												X						"	"
9:00				X				X																					X												X					↓	"	"
9:15				X				X																					X												X				↓	RDT	THV	THV
9:30				X				X																					X												X				N/26		—	—
9:45				X				X																					X												X				M/27		—	—
10:00				X				X																					X												X						Fcp	RF
10:15				X				X																					X												X							
10:30				X				X																					X												X							
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11:15				X				X																					X												X						Fcp	RF
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	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	TA				
13:00				X				X																					X												X				M/27		—	—
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13:30				X				X																					X												X						—	—
13:45				X				X																					X												X				↓		THV	THV
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Health	1	1	1	1	4	1	1	2		1		1	1		1				1	2	1	1	1	1	1				1		1	1			1	1	1	1			1	1	1	1				

COMMENTS OT was heard coughing while KK NP were heard sneezing. AJ had a wound on his foot.

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

Obs abandoned the chimps because of elephants.

QT ① TG ① OU ① LR ① WL ① OT ② BL ③

KPC Behavior

Day 20th Month 10 Year 2009 KPC Fm Others TTOW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
556	Obs arrived at	the nest site	and found							
	chimps had left	the nests.								
600	MSST LKKKAJ TUES YBBBB TJ	BLLR QT TG OU OT WL	BOAT TTOG QVWC LO	TDTS OMOLEH NP	H/3					
603	Chimps	climbed	into FBR and	others	in	FBR.				
615	MSST LKKKAJ TUES YBBB TJ	BLLR QT TG OU OT WL	BOAT TTOGLO QVWC	TDTS OMOL NPEH	G/4	✓	FBR FBR	RF		
630	TJ MSST LKKKAJ TUES YBBB	BLLR QT TG WL OU OT	BOAT WCLO TTOG QV.	TDTS OMOL NPEH	4	✓	4	4		
639	Chimps	leaving the	feeding trees.							
643	YB made	vocal displays	and buttress bangs,							
	and TJ	joined him with	vocal displays.							
645	MSST LKKK TUES YBBB TJAJ	BLLR QT TG WL OU OT	BOAT WCLO TTOG QV	TDTS OMOL NPEH	G/7	✓	CHT	YL		
646	TJ made	vocal displays	and buttress bangs							
	but no	one responded.								
650	OT was	heard	coughing.	(Productive).						
700	MSST LKKK TUES YBBB TJAJ	BLLR QT TG WL OU OT	BOAT WCLO TTOG QV	TDTS OMOL NPEH	G/7	✓	CHT	YL		
715	MSST LKKK TUES YBBB TJAJ	BLLR QT TG WL OU OT	BOAT WCLO TTOG QV	TDTS OMOL NPEH	〃	✓	4	4		

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G
643	YB	13 secs						None							unknown	G
646	TJ	6 secs						None							unknown	G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full
AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey
IGI: Intergroup interaction; **LF**: Leaf use; **MAT**: Monkeys attack; **PIG**: Pigs; **Pred**: Predation; **PTG**: Pant-grunt; **RN**: Rain
RD: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

717 AJ has a wound on his left foot.

KPC Behavior

Day 20th Month 10 Year 2009 KPC Fm Others TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
722	Some ids made vocal displays and buttress									
	bungs, and others waarbarked.									
724	YB TJ feeding on PTE seeds on the ground.									
730	MSST LKKK TUES YBBB TJAJ	BLLR QTTG WLOU OT	BOAT WCLO TTOG QV	TDTS DMOL NPEU	T/6	✓	CHT	YL		
743	Some males made vocal displays and									
	buttress bungs, and others waarbarked.									
744	AT made non vocal displays and buttress									
	bungs, and others waarbarked.									
745	LKKK YBBBAJ TUESMS TJST	BL	BOAT	EUNP	K/15					
748	LK made non vocal displays and buttress									
	bungs but no one responded.									
754	Chimps climbed into FCP at				S/BFP.					
800	LKBB TJ YB KK TU MSST ES AJ	BL	BOAT	EUNP	n	✓	FCP	UF		
805	KK YB joined ES AT in another FCP.									
815	AJ LKKK TUES MSST YBBB TJ	BL	BOAT	EUNP	S/BFP	✓	FCP	RF	RDT	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G
744	AT		4 Secs					None							Unknown	9
748	LK		7 Secs					None							Unknown	9

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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740 chimps separated and we followed one group.

KPC Behavior

Day 20th Month 10 Year 2009 KPC Fm Others TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
820	Chimps scattered and we stayed with									
	YBKKAT NP.									
828	NP feeding on STNA bith.									UNF
830	YBKK		AT	NP	BFP /21	✓	THV	THV	RDT	
845	YBKK		AT	NP	"	✓	"	"	"	
900	YBKK		AT	NP	BFP /21	✓	THV	THV	RDT	
907	YB approached AT who pant grunted									PTG
	and groomed him.									
908	NP was heard sneezing.									
915	YBKK		AT	NP	BFP /21	✓	THV	THV	RDT	
928	KK was heard sneezing.									
930	YBKK		AT	NP	S/BFP					
944	KK approached and AT			pant grunted	but he ignored.					PTG
945	YBKK		AT	NP	G/S					
950	Chimps climbed into FCP at				S/JG					

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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KPC Behavior

Day 28th Month 10 Year 2009 KPC Fm Others — Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1000	YBKW		AT	NP	S/JG	✓	FCP	RF		
1015	YBKW		AT	NP	〃	✓	〃	〃		
1030	YBKW		AT	NP	〃	✓	〃	〃		
1031	NP moved into an old nest in the feeding tree.									
1038	YB Leaving the feeding tree.									
1041	NP leaving the day nest.									
1045	YBKW		AT	NP	S/JG	✓	FCP	RF		
1100	YBKW		AT	NP	〃	✓	〃	〃		
1115	YBKW		AT	NP	〃	✓	FCP	RF		
1116	It started raining and chimps left the									
	feeding tree and rested on ground.									
1130	YBKW		AT	NP	S/JG					
1142	It stopped raining.									
1145	YBKW		AT	NP	S/JG					
1147	Chimps started feeding on THV									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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RD: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

Day 29th Month 10 Year 2009 KPC Fm Others — Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1200	YBKK		AT	NP	S/JG					
1201	AT grooming KK.									
1202	KK grooming YB.									
1203	YB grooming KK.									
1204	Hand clasp mutual groom KK ⇆ YB									HCG
1206	YB grooming KK.									
1212	Chain grooming, AT → YB → KK.									
1215	YBKK		AT	NP	S/JG					
1225	Hand clasp mutual groom, YB ⇆ AT.									HCG
1226	AT grooming YB.									
1230	YBKK		AT	NP	S/JG					
1233	YB grooming KK.									
1245	YBKK		AT	NP	S/JG					
1300	YBKK		AT	NP	S					
1315	YBKK		AT	NP	S/JG					

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

Day 29th Month 10 Year 2009 KPC Fm Others — Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1317	AT grooming KK.									
1319	YB grooming KK.									
1325	Hand clasp mutual groom				YB ⇆ KK					HCG
1326	KK grooming YB.									
1328	YB grooming KK.									
1330	YBKK		AT	NP	29 Ex /JS					
1345	YBKK		AT	NP	28 Ex /JS	✓	THN	THN		
1400	YBKK		AT	NP	"	✓	"	"		
1403	J was	Surrounded by elephants			and J					
	Immediately left the chimps.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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