DAY 24th MONTH Dec YEAR 09 OBS-PC SM FOC-OBS FM OTHERS IC JM HOW FOUND N

	GRID	MNK	SP	PT
6:00	P/24	None	—	—
6:15			—	—
6:30			—	—
6:45	P/24		—	—
7:00	O/24		TRI	YL
7:15	O/25		PTE	YL
7:30	N/25	None	—	—
7:45	N/26	BWC	FCP	RF
8:00	M/26		FNA	RF
8:15				
8:30				
8:45				
9:00				
9:15				
9:30				
9:45			FNA	RF
10:00	M/26	BWC	—	—
10:15	N/26	BLU	—	—
10:30		"	—	—
10:45		"	—	—
11:00		None	FUR	UF
11:15			FCP	RF
11:30			—	—
11:45	N/26		THV	THV
12:00	M/27			
12:15				
12:30				
12:45	M/27	None	THV	THV
13:00	M/27	None	THV	THV
13:15			"	"
13:30			"	—
13:45	M/28		MDR	RF
14:00			"	"
14:15			—	—
14:30	M/28	None	—	—
14:45				
15:00				
15:15				
15:30	M/26	None	FCP	RF
15:45				
16:00				
16:15				
16:30				
16:45				
17:00			FCP	RF
17:15			CAF	YL
17:30			—	—
17:45			—	—
18:00	M/26	None	—	—
18:15				
18:30				
18:45				
19:00				
19:15				
19:30				
19:45				
20:00				
20:15				
20:30				

COMMENTS YB has dry cough

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 24th Month Dec Year 09 KPC SM Others FM JM Ic Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
558	OBS arrived at the nest site									
600	ES YB			EU	DD/SI				Ø	
615	ES YB			EU	U				Ø	
630	ES YB			EU	U				Ø	
644	ES leaving a night nest									
645	EU leaving a night nest									
648	ES YB			EU	DD/SI				Ø	
647	ES Made VD and buttress bangs. Others									
	didn't respond									
649	YB was heard coughing (dry cough)									
651	YB leaving a night nest									
652	Chimps climbed down and moving									
653	YB feeding on TRI young leaves									
654	ES and YB made joint vocal displays									
	EU didn't respond.									

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
647	ES	5sec						None							Wake	G
654	ES YB	1.5sec						None							Wake	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?)

KPC Behavior

Day 24th Month Dec Year 09 KPC SM Others FM IC JM Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
656	ES and YB made joint VD				EU		made			
	screams									
658	ES and YB made joint VD				EU		didn't			
	respond									
700	ES YB			EU	H/-1	✓	TRI	YL	Ø	
701	ES and YB made joint VD				EU		didn't			
	respond									
702	ES made VD and YB joined				him		making			
	VD both made buttress			bmgs						
715	ES YB			EU	T/4	✓	PTE	YL	Ø	
720	ES and YB feeding on TRI young leaves									
726	ES Made VD and buttress bmgs YB									
	made pant hoots									
730	ES YB			EU	E/11				Ø	
730	ES made VD and buttress bmgs but no one responded									

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
656	ES YB	19Sec						None							Unknown	2/2/2009
658	ES YB	8Sec						None							" "	
701	ES YB	15sec						None							" "	
702	ES	6Sec						None							" "	
702	YB	5Sec						None							" "	

Copulation

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

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710 YB feeding on PTE young leaves

T90 (1)

KPC Behavior

Day 24th Month Dec Year 09 KPC SM Others FM/C JM Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
732	YB left the party and Moved away.									
736	ES and EU joined WL OT with their									
	young ones, ES Made NVD OT WL made									
	Pant barks									
745	ES	WL OT	WC OV	EU	21/BFP	✓	FCP	RF	Ø	
752	Chimps leaving the feeding tree and									
	Moving									
755	Chimps joined Other IDs in FNA tree									
	ES made VD and buttress brings Others									
	Made Pant hoots									
800	ES YB	TS WL OT	TT WC OV	TS EU TD	D/21	✓	FNA	RF	BWC	
815	ES YB	TS WL OT	TT WC OV	TS EU TD	"	✓	"	"	"	
830	ES YB	TS WL OT	TT WC OV	TS EU TD	"	✓	"	"	"	
845	ES YB	TS WL OT	TT WC OV	TS EU TD	"	✓	"	"	"	
858	PG and PB joined the party at Same time PG made buttress brings Others Pant hooted PB made NVD PB Slapping the ground PG									

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
736	ES		6sec					None							Reunion	G
755	ES	50sec						None							Reunion	G
858	PG PB		30sec					None							Reunion	G

Copulation

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

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KPC Behavior

Day 24th Month Dec Year 09 KPC SM Others Fm Ic Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
900	YB ES PG PB	TG WL GT	TT WE GW	TS EU TD	D/21	✓	FNA	RF	BWE	
902	Some one was chased in a feeding tree									
	who fled screaming									
908	GT grooming PG									
915	YB ES PG PB	TG WL GT	TT WE GW	TS EU TD	D/21	✓	FNA	RF	BWE	
923	YB and GT both grooming PG									
924	chain groom	GT → PG → YB								
930	YB PB PG ES	TS WL GT	TT WE GW	TS EU TD	D/21	✓	FNA	RF	BWE	
930	YB grooming PG									
933	GT grooming GW									
936	PG grooming YB									
940	EU playing with TS by patting, tickling each									
	other and swigging together on abdomen									
943	YB grooming PG									
945	YB ES PG PB	TG WL GW	TT WE GW	EU TD TS	D/21	✓	FNA	RF	BWE	

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 24th Month Dec Year 09 KPC SM Others Fm lc Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
950	chimps leaving the feeding tree and									
	Moving on ground									
952	PG Made NVD but no one responded									
958	WL pant grunted to PB and presented to him PTG									
	he inspected her by touch and smell on estrous									
	then PB groomed WL									
1000	PB ES JB PB	TG WL BR	TT WE BW	EW TD TS	D/21				BWE	
1000	ES Made NVD and chased TG who fled Screa									
	ming then ES made attack (T) to her with									
	a kick, She retaliate while Screaming Slappi									
	ng ES and chasing him while waar									
	barking ES fled making NVD out									
	Sametime PB made NVD and Slapping									
	the ground. Others fled pant barking									
1002	ES Made NVD and chased WL who fled screaming									
	Climb atree and TG fled Screaming Climbing atree V									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary) PB Made NVD Slap the ground

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
952	PG		45sec					None							Unknown	G
1000	ES		35sec 35sec					TG		F	Scream		✓		Unknown	G
1000	PB		10sec					None							Conflict Intervention	G
1002	ES		25sec 45sec					WL		F	Scream				Unknown	G
1002	PB		16sec					None							U U	G

Copulation

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

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KPC Behavior

Day 24th Month Dec Year 09 KPC SM Others FM IC Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1015	PB ES PG YB	TG WL GT	TT WE GW	EU TS TD	F/20				Blu	
1016	GT grooming PB									
1019	PB grooming GT									
1029	PB Playing with GW by patting each other and									AP
	Make soft bites	each other								
1030	PB ES YB PG	TG WL GT	TT WE GW	EU TS TD	F/20				Blu	
1045	PB ES YB PG	TG WL GT	TT WE GW	EU TS TD	"				"	
1052	chimps	separated in different			groups	WL				
	followed	PB ES EU	WL WE GT GW							
1059	ES feeding on	FUR un ripe			fruits					
1100	PB ES	WL GT	WE GW	EU	21/BFP	✓	FUR	UF	✓	
1108	chimps	climbed into FCP tree					Silent			
	and start feeding on	ripe fruits			at same					
	time WL made	pant barks	extending	hand						
	to PB and they shake	hands								

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

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KPC Behavior

Day 24th Month Dec Year 09 KPC SM Others FM IC Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1115	ES PB	WL Bn	Bn WC	EU	21/BFP	✓	FCP	RF	Ø	
1119	ES and EU leaving the feeding tree									
1120	ES feeding on CAF young leaves									
1127	Chimps leaving the feeding tree and									
	rest on ground									
1130	ES PB	WL Bn	Bn WC	EU	21/BFP				Ø	
1138	Chimps start feeding on Thv in adense									
	vegetation									
1145	ES PB	WL Bn	Bn WC	EU	21/BFP	✓	THV	THV	Ø	
1155	WL Bn with their young ones are out									
	of party									
1200	PB ES			EU	S/28	✓	THV	THV	Ø	
1209	PB feeding on phyto Uacca ripe fruits									
1215	PB ES			EU	S/28	✓	THV	THV	Ø	
1230	PB ES			EU	11	✓	11	11	Ø	

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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RD: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events
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KPC Behavior

Day 24th Month Dec Year 09 KPC SM Others FMIC Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1234	ES grooming EU									
1238	EU grooming ES									
1245	ES PB			EU	S/28	✓	THV	THV	Ø	
1300	ES PB			EU	"	✓	"	"	Ø	
1315	ES PB			EU	28/JG	✓	"	"	Ø	
1330	ES PB			EU	h				Ø	
340	EU feeding on MDR fruit				on		ground			
1345	ES PB			EU	29ext/JG	✓	MDR	RF	Ø	
1400	ES PB			EU	"	✓	"	"	Ø	
1406	EU build a day nest free = TEC							HT=SM		
1410	EU leaving a day nest									
1415	ES PB			EU	29ext/JG				Ø	
1430	ES PB			EU	h				Ø	
1438	Chimps got lost while moving									
	adense vegetation			at 29ext/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

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KPC Behavior

Day 24th Month Dec Year 09 KPC SM Others AL (1) FM IC Found FT

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1518	OBS found AL and her family feeding									
	in Fcp tree at B/27									
1530		AL	AT AZ	AN	B/27	✓	Fcp	RF	Ø	
1545		AL	AT AZ	AN	"	✓	"	"	Ø	
1600		AL	AT AZ	AN	"	✓	"	"	Ø	
1615		AL	AT AZ	AN	"	✓	"	"	Ø	
~1616	AL grooming AN									
1618	AL grooming	AZ								
1630		AL	AT AZ	AN	B/27	✓	Fcp	RF	Ø	
1630	AZ grooming AL									
1631	AL grooming	AZ								
1645		AL	AT AZ	AN	B/27	✓	Fcp	RF	Ø	
1700		AL	AT AZ	AN	"	✓	"	"	Ø	
1709	Chimps leaving the feeding tree and									
	Moving on ground									

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

Time	ID	VD Duration	NvD	Chase	Attack 1	Attack 2	Attack 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

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KPC Behavior

Day 24th Month Dec Year 09 KPC SM Others FM IC Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1714	AZ feeding on CAF young leaves									
1715		AL	AT AZ	AN	B2/27	✓	CAF	YL	Ø	
1715	AL (AN)	building aright nest			tree=					
	Albizia HT = 16M high - Dbh = 20cm									
1720	AT building aright nest, tree = Albizia									
	HT = 17m high Dbh = 28cm									
1730		AL	AT AZ	AN	B2/27				Ø	
1739	AZ building aright nest. tree = Albizia									
	HT = 18M Dbh = 32 cm									
1745		AL	AT AZ	AN	B2/27				Ø	
1800		AL	AT AL	AN	U				Ø	
1805	OBS leaving the nest site									

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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