DAY 18th MONTH Dec YEAR 09 OBS-PC SM FOC-OBS — OTHERS TWFCJRAG SJ KJ HOW FOUND N

	ST YU	BB YB	AJ MS	LK KK	PG ES	PB YJ	BL BU BO	MU MX MN	OU OY	OG OM OL	TG TT TS TD	UM UN	AL AT AZ AN	LR LO	WA WE	WL WC	QT QV	RD ML NP	EU	GRID	MNK	SP	PT
5:45																							
6:00																							
6:15																							
6:30					X															M126	None	FCP	RF
6:45					X																		
7:00					X																		
7:15					X																	FCP	RF
7:30					X									X								—	—
7:45					X									X								—	—
8:00					X									X								—	—
8:15					X									X								—	—
8:30					X									X								—	—
8:45					X									X		X	X					FCP	RF
9:00					X									X		X	X						
9:15					X									X		X	X						
9:30					X									X		X	X					FCP	RF
9:45					X									X		X	X				None	—	—
10:00					X									X		X	X				MGB	—	—
10:15					X									X		X	X					—	—
10:30					X	X								X		X	X					—	—
10:45					X	X								X		X	X				MGB	FCP	RF
11:00					X	X								X		X	X				*	"	"
11:15					X	X								X		X	X				*	"	"
11:30					X	X								X		X	X				*	—	—
11:45					X	X								X		X	X				*	—	—
12:00					X	X								X		X	X				*	—	—
12:15					X	X								X		X	X				*	FCP	RF
12:30					X	X								X		X	X				*	"	"
12:45					X	X								X		X	X			M126	None	—	—
	ST YU	BB YB	AJ MS	LK KK	PG ES	PB YJ	BL BU BO	MU MX MN	OU OY	OG OM OL	TG TT TS TD	UM UN	AL AT AZ AN	LR LO	WA WE	WL WC	QT QV	RD ML NP	EU	GRID	MNK	SP	PT
13:00					X	X								X		X	X			M126	None	—	—
13:15					X	X								X		X	X			M127		THV	THV
13:30					X	X								X		X	X						
13:45					X	X								X		X	X						
14:00					X	X								X		X	X						
14:15					X	X								X		X	X					THV	THV
14:30					X	X								X		X	X					RBL	RF
14:45					X	X								X		X	X					THV	THV
15:00					X	X								X		X	X			M127			
15:15					X	X								X		X	X			N127			
15:30					X									X		X	X						
15:45					X									X		X	X					THV	THV
16:00					X									X		X	X					CAF	RF
16:15					X									X		X	X					"	"
16:30					X									X		X	X					"	"
16:45					X									X		X	X					THV	THV
17:00					X									X		X	X						
17:15					X									X		X	X			N127			
17:30														X		X	X			N126		THV	THV
17:45														X		X	X			"		—	—
18:00														X		X	X			"	None	—	—
18:15																							
18:30																							
18:45																							
19:00																							
19:15																							
19:30																							
19:45																							
20:00																							
20:15																							
20:30																							
	ST YU	BB YB	AJ MS	LK KK	PG ES	PB YJ	BL BU BO	MU MX MN	OU OY	OG OM OL	TG TT TS TD	UM UN	AL AT AZ AN	LR LO	WA WE	WL WC	QT QV	RD ML NP	EU	GRID	MNK	SP	PT
Health					2	2								1		1	1						

COMMENTS PG and PB both have wet cough, RBT, MGB from 1100-1230

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

LR (1)

KPC Behavior

Day 18th Month Dec Year 09 KPC SM Others AGFC SJ TW JR KJ Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
630	OBS arrived at the nest site								Found	
	PG had already unnested but still									
	around in Fig tree feeding at B/27									
630	PG				B/27	✓	FBR	RF	Ø	
645	PG				"	✓	"	"	Ø	
700	PG				"	✓	"	"	Ø	
714	PG was heard coughing (wet cough).									
715	PG				B/27	✓	Fig	RF	Ø	
721	LR joined PG in Fig tree but no call									
	S Made									
727	LR approach PG pant grunting to PG who									PTG HCG
	mounted her at same time they made									
	hand clasp mutual groom PG ↔ LR									
728	Mutual groom after hand clasp PG ↔ LR									
729	Hand clasp mutual groom				LR ↔ PG					HCG

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

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 18th Month Dec Year 09 KPC SM Others IC KJ JRAG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
730	PG	LR			B/27				Ø	
730	Mutual	grooming	after	hand clasp	LR<=>PG					
735	LR	grooming	PG							
736	PG	grooming	LR							
740	Hand	clasp	Mutual	groom	PG<=>LR					Hcg
741	Mutual	groom	PG<=>LR							
745	PG	LR			B/27				Ø	
746	PG	grooming	LR	after mutual						
748	Hand	clasp	Mutual	groom	LR<=>PG					Hcg
750	Mutual	groom	after	hand clasp	PG<=>LR					
756	Hand	clasp	Mutual	groom	PG<=>LR					Hcg
757	Mutual	groom	after	hand clasp	PG<=>LR					
758	PG	grooming	LR	after Mutual						
800	PG	LR			B/27				Ø	
800	Mutual	groom	PG<=>LR							

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?)

GT (1) WL (1)

KPC Behavior

Day 18th Month Dec Year 09 KPC SM Others KJ ICJ RAG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
803	PG grooming	LR								
804	Hand clasp	Mutual groom	LR <-> PG							HCG
805	LR groomed	PG after hand clasp								
815	PG	LR			B/27				Ø	
822	Mutual groom	PG <-> LR								
827	PG grooming	LR after	Mutual							
830	PG	LR			B/27				Ø	
839	WL and GT	with their	families	joined						
	Making pant	barks	but PG and LR							
	did n't respond									
841	GT approach	PANT barking to	LR							
	and groomed	her								
845	PG	LR WL GT	WC GW		B/27	V	FQP	RF	Ø	
845	It started rain									
846	PG made non vocal rain	displays	GT and	LR						RD
	fled PANT barking									

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
846	PG		12sec					GT LR		F	pant bark				Social excitement	T

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 18th Month Dec Year 09 KPC SM Others AG KJ IC JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
900	pg	LR WL OT	WC OW		B/27	✓	FCP	RF	Ø	
915	pg	LR WL OT	WC OW		"	✓	"	"	Ø	
930	pg	LR WL OT	WC OW		"	✓	"	"	Ø	
934	It stoped raining									
936	Pg leaving the feeding tree and he									
	entered into old rest. tree = CBU								HT=18M	
945	pg	LR WL OT	WC OW		B/27	✓	FCP	RF	Ø	
946	WL and ~~WL~~ both leaving the feeding tree									
	and WL (WC) entered into old nest and									
	improving it. tree = CBU HT = 18M									
948	OT (OW) leaving the feeding tree									
950	OT (OW) entered into old nest. tree = CBU									
	HT = 17m									
1000	pg	LR WL OT	OW WC		B/27				Mge	
1015	pg	LR WL OT	OW WC		"				"	

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

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 18th Month Dec Year 09 KPC SM Others KH IC JR Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1015	LR building a day nest, tree = CDM									
	HT = 17m									
1024	PB joined the party he made NVD									
	and ground slapping WL QH LR made									
	pant barks									
1030	PB PG	LR WL QH	Ov WC		B/27				MgB	
1030	LR leaving a day nest she moved towards									
	PB while pant barking then PG leaving									
	a day nest while making NVD and he									
	chased LR WL both fled screaming									
	PB avoid casual silent									
1031	WL PB LR entered the FCP tree and									
	start feeding									
1038	QH grooming PG									
1045	PB PG	LR WL QH	Ov WC		B/27		V FCP	RF	MgB	

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
1024	PB		30sec					None							Reunion	G
1030	PG		45sec	10sec				GH LR		F	Screaming				Unknown	T

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
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KPC Behavior

Day 18th Month Dec Year 09 KPC SM Others KJ ICJR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1055	PB was heard coughing (wet cough)									
1056	PB entered into old nest, tree=CDU									
	HT = 18M									
1100	pg PB	WL LR QT	QV WC		B/27	✓	FCP	RF	RDT MgB	
1115	pg PB	WL LR QT	QV WC		"	✓	"	"	"	
1128	LR grooming pg									
1129	pg grooming LR									
1130	pg PB	WL LR QT	QV WC		B/27				RDT MgB	
1132	QT grooming pg									
1136	QT and LR both grooming pg									
1145	pg PB	WL LR QT	QV WC		B/27				RDT MgB	
1149	PB leaving a day nest									
1153	LR grooming PB									
1155	Mutual groom LR ⟷ PB									
1157	PB grooming LR									

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 18th Month Dec Year 09 KPC SM Others KJ IC JR Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1158	LR grooming PB									
1200	PG PB	WL LR Qn	Qn WC		B/27				RDT MGB	
1202	Qn grooming PB									
1215	PG PB	WL LR Qn	Qn WC		B/27	V	FeP	RF	RDT MGB	
1230	PG PB	WL LR Qn	Qn WC		"	V	"	"	"	
1231	Chain groom	Qn → PG → PB								
1232	PB grooming	PG								
1238	PG grooming	PB								
1234	Hand clasp	mutual groom			PG ↔ PB					Hcg
1235	PB groomed	PG after hand clasp								
1238	Hand clasp	mutual groom			PB ↔ PG					Hcg
1240	PB groomed	PG after hand clasp								
1241	PG grooming	PB								
1243	Hand clasp	mutual groom			PG ↔ PB					Hcg
1244	Chain groom	PB → PG →	Qn							

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 18th Month Dec Year 09 KPC SM Others KJ IC JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1245	pg PB	WL LR GT	GV WC		B/27				Ø	
1252	Chimps	climbed	down on		ground	and				
	Moving									
1300	pg PB	WL GT LR	GV WC		F/27				Ø	
1307	PB	feeding on	Phytollacea		ripe fruits					
1308	pg	feeding on	Fur		Un ripe fruits					
1309	LR	groomed	pg	Shorthy						
1310	WL	groomed	pg	Shorthy						
1314	Chimps	Start	feeding	on THv in	adense					
	vegetation									
1315	pg PB	WL GT LR	GV WC		G/S	✓	THv	THv	Ø	
1315	LR	Pant	grunted	to pg	he	ignored				PTg
1330	pg PB	LR WL GT	GV WC		G/S	✓	THv	THv	Ø	
1345	pg PB	LR WL GT	GV WC		"	✓	"	"	Ø	
1400	pg PB	LR WL GT	GV WC		"	✓	"	"	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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KPC Behavior

Day 18th Month Dec Year 09 KPC SM Others KJ IC JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1404	chain	groom	PG →	LR →	PB					
1405	Hand	clasp	mutual	groom	LR	↔	PB			Heg
1405	Mutual	groom	after hand clasp		PB	↔	LR			
1407	PB grooming LR									
1409	chain	groom	PB →	LR →	PG					
1415	PG PB	LR WL GR	BW WC		S/G	✓	THV	THV	Ø	
1422	LR WL GR	feeding	on	BRL	L		Ripe	fruits		
1430	PG PB	LR GR WL	BW WC		S/G	✓	BRL THV	RF THV	Ø	
1445	PG PB	LR GR WL	BW WC		"	✓	THV	THV	Ø	
1500	PG PB	LR GR WL	BW WC		"	✓	"	"	Ø	
1515	PG PB	LR GR WL	BW WC		S/28	✓	"	"	Ø	
1527	PG made	NVS	and	chased	WL		Who	fled		
	Screaming									
1530	PG	LR WL GR	BW WC		S/28	✓	THV	THV	Ø	
1545	PG	LR WL GR	BW WC		"	✓	"	"	Ø	

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
1527	PG		45sec	35sec				WL		F	Scream				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

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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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1520 PB. left the party and moved away IC followed him.

KPC Behavior

Day 18th Month Dec Year 09 KPC SM Others KJ JR Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1547	Chimps	climbed into CAF tree silent-								
	and	start feeding on	ripe fruits							
1600	PG	WL LR GT	BW WC		K/S	√	CAF	RF	Ø	
1614	PG	approached GT who pant	grunted							PTG
	and	groomed him								
1615	PG	LR WL GT	BW WC		K/S	√	CAF	RF	Ø	
1630	PG	LR WL GT	BW WC		"	√	"	"	Ø	
1642	Chimps	climbed down on ground and								
	start	feeding on THV								
1645	PG	LR WL GT	BW WC		K/S	√	THV	THV	Ø	
1700	PG	LR WL GT	BW WC		"	√	"	"	Ø	
1715	PG	LR WL GT	BW WC		"	√	"	"	Ø	
1720	PG is	out of party								
1730		WL GT LR	BW WC		S/BFP	√	THV	THV	Ø	
1745		WL GT LR	BW WC		21/BFP				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

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 18th Month Dec Year 09 KPC SM Others JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1748	WL grooming wc									
1752	WL (wc) building aright nest, tree = olea									
	HT = 14M Dbh = 16cm									
1800		LR WL Gu	GV wc		21 BFP				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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