DAY 22 MONTH 12 YEAR 09 OBS-PC ST FOC-OBS SM OTHERS AG JR HOW FOUND NEST

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	YJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	OL	TG	TT	YS	TD	UM	UN	AL	AT	AZ	AN	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	GRID	MNK	SP	PT
Estrus																																																		
5:45																																																		
6:00																																																		
6:15																																																		
6:30			X						X																																					M/27	None	—	—
6:45			X						X																																							—	—
7:00			X						X																																							FEX	YL
7:15			X						X																																							THV	THV
7:30			X						X																																							〃	〃
7:45			X						X																																							〃	〃
8:00			X						X																																							SEV	RF
8:15			X						X																																							None	〃
8:30			X						X																																							BAB	〃
8:45			X																																													〃	〃
9:00			X																																											M/27		—	—
9:15			X																																											N/27		CAF	YL
9:30			X																																													〃	〃
9:45			X																																													〃	〃
10:00			X																																												BAB	〃	〃
10:15			X																																												None	—	—
10:30			X																																													—	—
10:45			X																																													—	—
11:00			X																																													—	—
11:15			X																																													—	—
11:30			X																																													COA	RF
11:45			X																																													〃	〃
12:00			X																																													〃	〃
12:15			X																																													—	—
12:30			X																																													—	—
12:45			X																																											N/27	None	COA	RF
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	YJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	OL	TG	TT	YS	TD	UM	UN	AL	AT	AZ	AN	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU				
13:00			X																																											N/27	None	COA	RF
13:15			X																																													〃	〃
13:30			X																																													〃	〃
13:45			X																																													—	—
14:00			X																																													—	—
14:15			X																																													—	—
14:30			X																																													—	—
14:45			X																																													MALE	PITH
15:00			X																																													AFR	PITH
15:15			X																																													ACA	PITH
15:30			X																																													COA	RF
15:45			X																																													〃	〃
16:00			X																																													〃	〃
16:15			X																																													〃	〃
16:30			X																																												N/27		—	—
16:45			X																																												O/27		—	—
17:00			X																																												〃		—	—
17:15			X																																												〃		—	—
17:30			X																																												〃		COA	RF
17:45			X																																												O/27		〃	〃
18:00			X																																												N/26		—	—
18:15			X																																														—	—
18:30			X																																														LOW	YL
18:45			X																																														〃	〃
19:00			X																																												N/26	None	—	—
19:15																																																		
19:30																																																		
19:45																																																		
20:00																																																		
20:15																																																		
20:30																																																		
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	YJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	OL	TG	TT	YS	TD	UM	UN	AL	AT	AZ	AN	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	GRID	MNK	SP	PT
Health									4																																									

COMMENTS 650 PG was heard Coughing/having Diarhea.

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 22 Month 12 Year 09 KPC ST Others SM AG JR Found NEST

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
625	OBS arrive at nest site									
630	YB PG				S/K				∅	
634	PG leaving the nest site									
642	PG seen having Diarrhea (watery stool)									
645	PG YB				S/K				∅	
650	PG was heard Coughing (Productive Cough)									
653	PG seen swallowing YL leaves of FEK.									
700	YB PG				S/K	✓	FEK	YL		
700	YB left the ~~day~~ night nest.									
705	PG made non-Vocal displays towards									
	YB and YB fled Pant-barking.									
706	PG made non-Vocal displays YB made									
	Pant-barks									
706	Chimps moved into TH for feeding.									
715	YB PG				S/K	✓	TH	TH	∅	

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
705	PG		bite					YB		F	Pant-bark				Unknown	9
706	PG		kick					None							unknown	9

Copulation

Time	Duration	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 22 Month 12 Year 09 KPC SJ Others SM TW FC JR Found NEST.

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
730	YB PG				S/K	✓	THV	THV	∅	
745	YB PG				S/K	✓	THV	THV	∅	
746	Chimps	feeding	on SEV	RF						
800	YB PG				S/K	✓	SEV	RF	∅	
815	YB PG				"	✓	"	"	∅	
824	YB	feeding	on ACA	(pith).						
830	YB PG				S/K	✓	SEV	RF	BAB	
840	PG	separated	from	YB						
845	YB				S/K	✓	SEV	RF	BAB	
900	YB				S/K				BAB	
905	YB	feeding	on	Brown Soil from a fallen tree						
	roots.									
911	YB	feeding	CAF YL.							
915	YB				BFP/JG	✓	CAF	YL	BAB	
730	YB				BFP/JG	✓	"	"	BAB	

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

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 22 Month ~~09~~ 12 Year 09 KPC SI Others SmJMJRAG Found NEST

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
945	YB				BFP/JG	✓	CAF	YL	BAB	
1000	YB				"	✓	"	"	BAB	
1015	YB				10/KRD				∅	
1030	YB				"				∅	
1045	YB				10/KRD				∅	
1100	YB				"				∅	
1115	YB				"				∅	
1121	YB climbed into		COA							
1125	YB feeding on		COA	RF.						
1130	YB				19/JG	✓	COA	RF	∅	
1145	YB				19/JG	✓	"	"	∅	
1200	YB				19/JG	✓	"	"	∅	
1215	YB				"				∅	
1230	YB				"				∅	
1245	YB				"	✓	COA	RF	∅	

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 22 Month 12 Year 09 KPC SJ Others SM Found NEST

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1300	YB				19/19	✓	COA	RF	∅	
1315	YB				19/19	✓	"	"	∅	
1330					"	✓	COA	RF	∅	
1330	YB left the	feeding	tree							
1338	YB	feeding	ACA							
1345	YB				19/19				∅	
1400	YB				"				∅	
1415	YB				"				∅	
1430	YB				"				∅	
1445	YB				"	✓	MAE	PIH	∅	
1500	YB				"	✓	AFF	PIH	∅	
1515	YB				"	✓	ACA	PIH	∅	
1517	YB coming out of THV									
1518	YB climbed into COA tree feeding									
1530	YB				19/19	✓	COA	RF	∅	

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

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 22 Month 12 Year 09 KPC SI Others SM JR AG Found NES,

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1545	YB				19/JG	✓	COA	RF	∅	
1600	YB				19/JG	✓	"	"	∅	
1615	YB				"	✓	"	"	∅	
1619	YB climbing down from COA.									
1630	YB				19/JG				∅	
1638	YB made Vocal displays and buttress bangs									
1639	YB made Vocal displays									
1641	YB drinking water from the stream									DR
1645	YB				17/JG				∅	
1652	YB leap clapping for 20sec before he was resting and after.									TLU
1700	YB				17/JG				∅	
1712	YB Climbed into COA for feeding									
1715	YB				17/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
1636	YB	8sec						None			✓				Unknown	J
1638	YB	6sec						None							Unknown	J

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 BEHAVIOUR

DAY: 22 MONTH: 12 YEAR: 09 KPC: ST OTHERS: SM JR AG FOUND: NBT

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1730	YB				17/19	✓	CoA	RF	∅	
1745	YB				〃	✓	〃	〃	∅	
1758	YB climbed down from CoA									
1800	YB				17/FC				∅	
1800	YB made vocal displays and buttress bangs									
1810	YB made non vocal displays				19/KRD					
1815	YB									
1816	YB feeding THV.									
1830	YB				5/KRD	✓	Low	YL	∅	
1845	YB				5/KRD	✓	Low	YL	∅	
1856	YB makes a night nest: Tree of nest-F TEC; Height. 9m DBH 16cm									
1900	YB				5/KRD				∅	
1904	OBS left the night nest.									

Aggression/Received aggression

Time	Aggr. ID	VD Duration	NvD Duration	CHA	Attack 1	Attack 2	Attack 3	Vic ID	Response of victim: No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
1800	YB	75s						None							Unknown	G
1810	YB		45s					none							Unknown	G

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN 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: inter-group 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?)