DAY 26th MONTH 08 YEAR '09 OBS-PC Fm TMF/40 AG 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	GRID	MNK	SP	PT
Estrus																																															
5:45																																															
6:00																																															
6:15				X																																						N/27		—	—
6:30				X																																						"		—	—
6:45				X																																						N/27		—	—
7:00																																														
7:15			X	X																																						O/27	Blu	FNA	RF
7:30	X		X	X			X																																							
7:45	X		X	X			X																																							
8:00	X		X	X			X																																				Blu			
8:15	X		X	X			X																																				Blu	FNA	RF
8:30	X		X	X			X																																					—	—
8:45	X		X	X			X																																					—	—
9:00	X		X	X			X																																			O/27		—	—
9:15	X		X	X			X																																			P/26		JAS	YL
9:30	X		X	X			X																																					—	—
9:45	X		X	X			X																																					FAR	RF
10:00	X		X	X			X																																					"	"
10:15	X		X	X			X																																					—	—
10:30	X		X	X			X																																					—	—
10:45	X		X	X			X																																					—	—
11:00	X		X	X			X																																			P/26		—	—
11:15	X		X	X			X																																			Q/26		—	—
11:30	X		X	X			X																																					MAR	PITH
11:45	X		X	X			X																																					AFR	"
12:00	X		X	X																																									"	"
12:15	X		X	X																																								Q/26		AFR	PITH
12:30	X		X	X																																								Q/25		—	—
12:45	X		X	X																																								R/25		AFR	PITH
	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				
13:00	X		X	X																																								R/25		MAR	PITH
13:15	X		X	X																																								"		—	—
13:30	X		X	X																																								R/24		LOW	YL
13:45	X		X	X																																										PITH	RF
14:00	X		X	X																																										"	"
14:15	X		X	X																																										"	"
14:30	X		X	X																																										PITH	RF
14:45	X		X	X																																										—	—
15:00	X		X	X																																										PITH	RF
15:15	X		X	X																																										LOW	YL
15:30	X		X	X																																										PITH	RF
15:45	X		X	X																																										"	"
16:00	X		X	X																																										—	—
16:15	X		X	X																																										—	—
16:30	X		X	X																																										PITH	RF
16:45	X		X	X																																										—	—
17:00	X		X	X																																										—	—
17:15	X		X	X																																										CAF	YL
17:30	X		X	X																																										PITH	RF
17:45	X		X	X																																										"	"
18:00	X		X	X																																										LOW	YL
18:15	X		X	X																																										"	"
18:30	X		X	X																																										—	—
18:45	X		X	X																																										R/24		—	—
19:00																																															
19:15																																															
19:30																																															
19:45																																															
20:00																																															
20:15																																															
20:30																																															
	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	GRID	MNK	SP	PT
Health	1		1	1			1																																								

COMMENTS YB got lost for a short time but we found him again.

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 26th MONTH 08 YEAR 2009 KPC Fm OTHERS AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
605	Obs arrived at the nest site.									
615	YB				19/KRD					
630	YB				4					
643	YB leaving the night nest.									
645	YB				19/KRD					
649	YB moved fast and got lost.									
705	Found YB climbing into FNA at				19/JJ		NKE.			
715	YB				19/JJ	✓	FNA	RF	Blu	
718	Heard distant calls from North of						NKE			
	and YB didnt respond.									
720	Heard diskant call from the same direction									
	and YB responded with waarbarks.									
726	ST KK BB joined the party and no									
	calls were made.									
730	ST KK BB YB				19/JJ	✓	FNA	RF	Blu	
745	ST KK YB BB				4	✓	4	4	4	
800	ST KK YB BB				19/JJ	✓	FNA	RF	Blu	

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	Behavioral Context	Height T or G

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 26th MONTH 08 YEAR 2009 KPC Fm OTHERS AG FOUND M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
815	YBBB ST KK				19/JG	✓	FNA	RF	BLH	
817	BB climbed down and everyone followed him.									
830	YBBB ST KK				17/JG					
830	ST KK grooming BB.									
831	Chain groom YB → ST → BB.									
832	YB, BB grooming ST.									
833	BB grooming KK and ST grooming YB.									
834	KK grooming BB.									
839	YB grooming ST.									
843	YB was self grooming when he picked a									TLU
	leaf and groomed it for 23 secs then									
	self groomed again.									
844	KK grooming BB.									
845	YBBB ST KK				17/JG					
846	BB grooming KK.									
848	BB. grooming YB.									
849	Chain groom, KK → BB → YB.									
851	KK grooming BB.									

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

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

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

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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 26th MONTH 08 YEAR 2009 KPC Fm OTHERS AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
857	BB grooming ST.									
900	STKuYBBB				17/JG					
901	Hand clasp mutual groom									HCG BB⇄ST
902	Mutual groom									BB⇄ST
904	ST grooming BB.									
912	Ku feeding on Antiaris young leaves.									
912	BB feeding on JAS leaves.									
915	STKuYBBB				19/JG	✓	ANT JAS	YL		
919	Ku BB ST YB made joint vocal displays and									
	There was no response from anywhere.									
921	Ku BB ST YB made joint vocal displays									
	and all made buttress bungs.									
923	Ku BB ST YB made joint vocal displays and									
	Ku made buttress bungs.									
930	STKuYBBB				B/4					
931	ST grooming BB.									
933	Chimps found an FBR and climbed up									FBK
	making food barks.									

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

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

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
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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 26th MONTH 08 YEAR 2009 KPC Fm OTHERS AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
945	YBBB STKK				B/4	✓	FBR	RF		
1000	YBBB STKK				〃	✓	〃	〃		
1006	Chimps climbed and started moving.									
1015	YBBB STKK				B/200					
1030	YBBB STKK				〃					
1045	YBBB STKK				〃					
1100	YBBB STKK				B/200					
1107	KK grooming BB and YB grooming ST.									
1110	YB feeding on JAS leaves.									
1115	YBBB STKK				CC/200					
1119	ST grooming BB.									
1127	KK made non vocal displays and buttress bangs,									
	but no one responded.									
1130	YBBB STKK				CC/200	✓	MAR	Pilo		
1145	YBBB STKK				U/200	✓	AFR	Pilo		
1147	KK. disappeared and left the party.									
1200	ST YBBB				U/200	✓	AFR	Pilo		
1215	YBBB ST				〃	✓	〃	〃		

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	Behavioral Context	Height T or G
1127	KK	5secs						None							Unknown	G

Copulation

Time	Duration	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
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 26th MONTH 08 YEAR _____ KPC Fm OTHERS AG FOUND M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1230	YBBB ST				L/12					
1245	YBBB ST				My/12	✓	AFR	Pitt		
1300	YBBB ST				"	✓	MAR	"		
1315	YBBB ST				VV/48					
1321	Chimps moved into the logged area for THV.									
1330	YBBB ST				GMT/46	✓	LOU	Yk		
1344	Chimps started feeding on Pitt and									FG
	Made food grunts.									
1345	YBBB ST				GMT/46	✓	PITH	RF		
1400	YBBB ST				"	✓	"	"		
1403	Chimps moved into another pitt and									FG
	Made food grunts.									
1415	YBBB ST				GMT/46	✓	PITH	RF		
1421	ST grooming BB.									
1426	BB grooming ST.									
1429	Hand clasp mutual groom									HCG BB⇆ST
1430	YBBB ST				GMT/46	✓	PITH	RF		
1431	ST grooming BB.									

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

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

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

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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 26th MONTH 08 YEAR 2009 KPC Fm OTHERS AG FOUND A

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1432	Hand clasp mutual groom									Hcg ST⇆BB
1433	ST grooming BB.									
1435	BB grooming ST.									
1439	Hand clasp mutual groom									Hcg ST⇆BB
1440	ST grooming BB.									
1441	BB grooming ST.									
1443	Mutual groom									ST⇆BB
1445	YBBB ST				GLT /46					
1445	BB grooming ST.									
1448	ST grooming BB.									
1500	YBBB ST				GLT /46	✓	PHY LOW	RF YL		
1505	BB feeding on Trichilia young leaves.									
1515	YBBB ST				GLT /46	✓	LOW	YL		
1530	YBBB ST				"	✓	PHY	RF		
1545	YBBB ST				GLT /46	✓	Y	Y		
1557	ST. grooming BB.									
1558	ST grooming YB.									
1609	YBBB ST				NTJ /49					

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	Behavioral Context	Height T or G

Copulation

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

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KPC Behavior

DAY 26th MONTH 08 YEAR 2009 KPC Fm OTHERS AG FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1601	Chain grooming, YB→ST→BB.									
1614	ST grooming BB.									
1615	YBBB ST				NTJ /49					
1616	ST stopped grooming BB and picked a leaf									TLU
	which he groomed for 10secs then groomed BB.									
1618	YB feeding on PHY again.									
1630	YBBB ST				NTJ /49	✓	PHY LOW	RF YL		
1645	YBBB ST				"					
1700	YBBB ST				"					
1715	YBBB ST				"	✓	CAF	YL		
1716	BB ST feeding on Trichilia young leaves.									
1722	BB ST feeding on PHY ripe fruit.									
1724	YB also feeding on PHY.									
1730	YBBB ST				NTJ /49	✓	PHY	RF		
1745	YBBB ST				"	✓	" LOW	" YL		
1747	ST building a night nest, 7m high							DBH		
	DBH 18 cm (E) Sp: Diospyrus.									

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	Behavioral Context	Height T or G

Copulation

Time	Duration	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
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 26th MONTH 08 YEAR 2009 KPC FM OTHERS AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1751	BB building a night nest, 8m high, DBH									
	18 cm (E) sp. Diospyrus.									
1800	YBBB ST				NTJ /49	✓	LOW	YL		
1815	YBBB ST				4	✓	4	4		
1818	YB building a night nest, 10m high,									
	DBH? sp. Diospyrus.									
1830	YBBB ST				NTJ /49					
1845	YBBB ST				4					
1846	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						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

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

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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?)