DAY 29 MONTH 08 YEAR 09 OBS-PC SJ TMF/40 SMTW HOW FOUND NEST

	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	AN	GRID	MNK	SP	PT
Estrus																			1	2								1							1		1													
5:45																																																	
6:00																																																	
6:15											X								X	X	X							X	X	X					X						X		X	X			0/25	None	—	—
6:30											X								X	X	X							X	X	X					X						X		X	X					—	—
6:45											X								X	X	X							X	X	X					X						X		X	X					COM	RF
7:00											X								X	X	X							X	X	X					X						X		X	X					"	"
7:15											X								X	X	X							X	X	X					X						X		X	X					"	"
7:30											X								X	X	X							X	X	X					X						X		X	X					"	"
7:45											X								X	X	X							X	X	X					X						X		X	X					—	—
8:00											X								X	X	X							X	X	X	X				X						X		X	X					FBG	RF
8:15											X								X	X	X							X	X	X	X				X						X		X	X					"	"
8:30											X								X	X	X							X	X	X	X				X						X		X	X					"	"
8:45											X								X	X	X							X	X	X	X				X						X		X	X					"	"
9:00											X								X	X	X							X	X	X	X				X						X		X	X					"	"
9:15											X								X	X	X							X	X	X	X				X						X		X	X					"	"
9:30											X								X	X	X							X	X	X	X				X						X		X	X					—	—
9:45											X								X	X	X							X	X	X	X				X						X		X	X					THV	THV
10:00											X								X	X	X							X	X	X	X				X						X		X	X					PHY	RF
10:15											X								X	X	X							X	X	X	X				X						X		X	X					"	"
10:30											X								X	X	X							X	X	X	X				X						X		X	X					—	—
10:45											X								X	X	X							X	X	X	X				X						X		X	X					THV	THV
11:00											X								X	X	X							X	X	X	X				X						X		X	X					—	—
11:15											X								X	X	X							X	X	X	X				X						X		X	X					CAF	YL
11:30											X								X	X	X							X	X	X	X				X						X		X	X					"	"
11:45											X								X	X	X							X	X	X	X				X						X		X	X					"	"
12:00											X								X	X	X							X	X	X	X				X						X		X	X					PBS	UF
12:15											X								X	X	X							X	X	X	X				X						X		X	X					—	—
12:30											X								X	X	X							X	X	X	X				X						X		X	X					—	—
12:45											X								X	X	X							X	X	X	X				X						X		X	X					THV	THV
	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	AN	GRID	MNK	SP	PT
13:00											X								X	X	X							X	X	X	X				X						X		X	X					THV	THV
13:15																			X	X	X																						X					"	"
13:30																			X	X	X																						X					"	"
13:45											X								X	X	X							X	X														X					—	—
14:00											X																	X	X															X					THV	THV
14:15											X																	X	X															X					"	"
14:30											X																	X	X															X					N/24	"	"
14:45											X																	X	X															X					M/24	—	—
15:00											X																	X	X															X					"	THV	THV
15:15											X																																								
15:30											X																	X	X															X					M/24	FBG	RF
15:45											X																	X	X															X					"	"
16:00											X																	X	X															X					"	"
16:15											X																	X	X															X					"	"
16:30											X																	X	X															X					"	"
16:45											X																	X	X															X					None	—	—
17:00											X																	X	X															X					☆	TRI	YL
17:15											X																	X	X															X					☆	CAF	YL
17:30											X																	X	X															X					None	—	—
17:45											X																	X	X															X						—	—
18:00											X																	X	X															X						—	—
18:15											X																	X	X															X					M/24	None	—	—
18:30																																																		
18:45																																																		
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19:45																																																		
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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	AN	GRID	MNK	SP	PT
Health											1								1	1	1							1	1	1	1	3			1	1	1				1		2						

COMMENTS 555 Lo was heard Coughing.
1700 – 1715 RDC and RDT voices encountered 1709 AN heard sneezing

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

OU → (1) OT → (2) KPC Behavior AL → (1) WL → (1)

DAY 29 MONTH 08 YEAR 09 KPC SJ OTHERS SM FOUND NEST

Time	Party Composition: AMM	AFF (Include estrous)	JMM / JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
612	OBS arrive at		nest site						
615	PB	OU AL WL OT	AT AZ OG WC / OM OL NP AN	M/G				(0)	
630	PB	OU AL WL OT	AZ AT OG WC / OM OL NP AN						
634	WL (WC) left her night nest								PTG
644	OU (OL) leaving her night nest.								
645	PB	OU AL WL OT	AZ AT OG WC / OM OL NP AN	M/G	✓	COM	RF	(1)	
646	OT leaving her night nest.								
648	PB leaving his night nest.								
650	AL (AN) leaving her night nest								
655	Other individuals climbed into COM for feeding without making any calls								
700	PB	OU AL WL OT	AT AZ OG WC / OM OL NP AN	M/G	✓	COM	RF	(0)	
715	PB	OU AL WL OT	AT AZ OG WC / OM OL NP AN	〃	✓	〃	〃	(0)	
730	PB	OU AL WL OT	AT AZ OG WC / OM OL NP AN	〃	✓	COM CAF	RF YL	(0)	
732	WL (WC) climbed down from the feeding tree followed by PB								
732	WL was barked and chased OG who fled silent.								

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
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639 WL climbed into COM for feeding.

KPC Behavior

DAY 29 MONTH 08 YEAR 09 KPC SJ OTHERS SM TW FOUND NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
736	AL (AN) left the		feeding tree followed by OL.							
~~743~~	AT grooming PB		Shortly							
~~745~~	PB	OL AL WL OT	AT AL WC OG	OM OL AN NP	M/6				✓	
749	OL feeding TRI		YL							
751	Distant calls heard from N of K 14 and									
	the focal IDs made screams and pant-hoots									
753	chimps joined. Other individuals in the feeding									
	tree and they all made pant-hoots and food barks									FBK
756	PB approached and hugged LR, and then groomed									
	LR shortly.									
757	PB made non-vocal displays and made attacks (1)									
	to OL with a kick and OL made screams retaliated									
	chased PB and he fled silent and OT and Other									
	fled screaming.									
800	PB	OL AL QT LR WL OT	AT AL LO OM OL OG WC QV AN NP		Q/6	✓	FBK	RF	✓	
803	OG threatened NP then she attacked OG with 5									
	slaps and kicks OG exchanged then after OG fled									
	screaming OL and PB made waa-barks.									

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
757	PB		4sec		✓			OL		A	Scream		✓		food competition	T
803	NP				✓			OG		F	scream				Underwater	T

Copulation

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

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

KPC Behavior

DAY 29 MONTH 08 YEAR 09 KPC ST OTHERS SM TW FOUND NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
810	LR threatened AL by arm wave then AL									
	Made screams and PB made non-vocal									
	displays, while he was between AL and LR									
	then AL touch on PB testacles.									
815	PB	OU AL LR WL QT OT	AT AZ OG LO WC QV	NP EU OM OL	Q/6	✓	FBR	RF	∅	
818	QT approach Pant-grunt and groom PB									PTG
821	AL grooming AN.									
830	PB	OU AL LR WL QT OT	AT AZ OG LO WC QV	NP EU OM OL	Q/6	✓	FBR	RF	∅	
832	LR approach pant-grunt and groom PB									PTG
840	PB climbed down from the feeding tree.									
842	PB grooming LR.									
844	LR grooming PB									
845	PB	OU AL LR WL QT OT	AT AZ OG LO WC QV	NP EU OM OL	Q/6	✓	FBR PTE	RF BK	∅	
848	LR makes a ground nest and lie on it.									
855	LO was heard Coughing (dry Cough).									
900	PB.	OU AL LR WL QT OT	AT AZ OG LO WC QV	NP EU OM OL	Q/6	✓	PTE FBR	BK RF	∅	
915	PB	OU AL LR WL QT OT	AT AZ OG LO WC QV	NP EU OM OL	Q/6	✓	FBR PTE	RF BK	∅	
928	QV Playing with AZ by wrestling									

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

Time	ID	VD	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
		Duration														
810	PB		35sec					none							Protection	T

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 29 MONTH 08 YEAR 09 KPC SJ OTHERS SM TW FOUND NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
930	PB	OU AL LR QT WL OT	AT AZ OG LO QV WC	NP AN OM OL	Q/6				∅	
932	OG grooming NP									
934	WL grooming WC.									
940	OU grooming OM.									
944	AT Playing WITH OT by wrestleng and bite									
945	PB	OU AL LR QT WL OT	AT AZ OG QV WC	NP AN OM OL	Q/6				∅	
946	PB grooming WL									
952	AT inspected WL by touching and smell									
	on estrous then groom her.									
958	AL (AZ) climbed into	PHy	for feeding				followed by WL			
1000	PB	OU AL LR QT WL OT	AT AZ LO OG QV WC	NP AN OM OL	F/4	✓	PHy	LF	∅	
1015	PB	OU AL LR OT QT WL	AT AZ LO OG QV WC	NP AN OM OL	F/4	✓	PHy FLX	RS RF	∅	
1021	chimps	climbed	down	from FLX						
1030	PB	OU AL LR QT WL OT	AT AZ LO OG QV WC	NP AN OM OL	D/2				∅	
1033	AL groom AN									
1035	Chimps	Moved into	THr	for	feeding					
1045	PB	OU AL LR QT WL OT	AT AZ LO OG QV WC	NP AN OM OL	D/2	✓	THr	THr	∅	
1052	chimps	Coming	out	of	THr.					

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	Response of Victim Av	Response of Victim 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 29 MONTH 08 YEAR 09 KPC SJ OTHERS SM TW FOUND NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1059	OU grooming OT									
"	AL grooming AN									
1100	PB	OU AL WL QT OT LR	AT AZ OG LO BV WC	NP AN OM OL	1/Blue				⊘	
1106	AL grooming AT									
1109	QT WL feeding CAF									
1110	OU groom WL.									
1112	WL chased NP and he fled screaming									
1115	PB	OU AL LR WL QT OT	AT AZ OG LO BV WC	NP AN OM OL	2/1	✓	CAF	YL	⊘	
1127	AT makes a day nest, Tree of nest Diospyros									
	Height 14m.									
1130	PB	OU AL LR WL QT OT	AT AZ OG LO BV WC	NP AN OM OL	2/1	✓	CAF	YL	⊘	
1142	AZ makes a day nest, Tree of nest Diospyros									
	height	14m.								
1145	PB	OU AL LR WL QT OT	AT AZ OG LO BV WC	NP AN OM OL	2/1	✓	CAF	YL	⊘	
1200	PB	OU AL LR WL QT OT	AT AZ OG LO BV WC	NP AN OM OL	"	✓	FEX	UF	⊘	
1215	PB	OU AL LR WL QT OT	AT AZ OG LO BV WC	OM OL NP AN	"				⊘	
1230	PB	OU AL LR WL QT OT	AT AZ OG LO BV WC	OM OL NP AN	"				⊘	
1236	Some IDS moved into THV for feeding									

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
1112	WL			4sec				NP		F	Scream				Unknown	T

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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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 29 MONTH 08 YEAR 09 KPC ST OTHERS SM JW FOUND NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1348	AT left this day rest, and moved into CAF									
	for feeding									
1345	PB	OU AL LR OT WL	OG AT AZ BV WC LO	NP AN OM OL	Z/1	✓	CAF THV	YL THV	∅	
1300	PB	OU AL LR OT WL	OG AT AZ BV WC LO	NP AN OM OL	"	✓	THV	THV	∅	
1310	Other IDs	lost in THV								
1315		OU OT	OG	OM OL	Z/1	✓	THV	THV	∅	
1330		OU OT	OG	OM OL	"	✓	THV	THV	∅	
1333	Other IDs	Joined the Party								
1345	PB	AL OU OT	AT AZ OG	AN OM OL	T/Blaze				∅	
1350	OU and family separated TW followed them.									
1352	chimps moved into THV for feeding									
1400	PB	AL	AT AZ	AN	R/3	✓	THV	THV		
1415	PB	AL	AT AZ	AN	"	✓	"	"	∅	
1430	PB	AL	AT AZ	AN	"	✓	SOIL THV	clay THV	∅	
1431	chimps left THV, and started moving.									
1441	PB feeding on TRI YL									
1444	AL feeding on TRI YL									
1445	PB	AL	AT AZ	AN	6/KRD				∅	

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 29 MONTH 08 YEAR 09 KPC ST OTHERS _____ FOUND ____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1450	PB AZ feeding on	PHy	RF							
1500	PB	AL	AT AZ	AN	B/400	✓	THv	THv	∅	
1510	chimps got lost within	THv.								
1525	OBS again found	chimps	travelling.							
1527	chimps	climbed	into FBR		marking	food barks				FBK
1530	PB	AL	AT AZ	AN	9/16	✓	FBR	RF	∅	
1545	PB	AL	AT AZ	AN	"	✓	"	"	∅	
1600	PB	AL	AT AZ	AN	"	✓	"	"	∅	
1615	PB	AL	AT AZ	AN	"	✓	"	"	∅	
1630	PB	AL	AT AZ	AN	"	✓	"	"	∅	
1637	PB Climbed down	from FBR	followed by AT							
1645	PB	AL	AT AZ	AN	0/16				∅	
1646	PB feeding	TRI	YL							
1650	PB entered	into an	old	nest	and	started				
	improving	it, Tree	of nest	UVA	Height	10m				
	DBH ⇒	18 cm.								
1655	AL AT AZ	feeding	TRI	YL						

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 29 MONTH 08 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
1700	PB	AL	ATAZ	AN	R/14	✓	TRI	YL	RDC RDT	
1709	AN Was heard Sneezing									
1710	AT makes food grunts as he moves									
	into CAF for feeding									FBK
1715	PB	AL	ATAZ	AN	R/14	✓	CAF	YL	RDC RDT	
1717	AL makes a night nest, Tree of nest OBS									
	Height 24m DBH 26cm.									
1730	PB	AL	ATAZ	AN	R/14				∅	
1738	AT makes a night nest, Tree of nest									
	Parinari, Height 16m DBH 28cm.									
1745	PB	AL	ATAZ	AN	R/14				∅	
1800	PB	AL	ATAZ	AN	〃				∅	
1815	PB	AL	ATAZ	AN	〃				∅	
1830	OBS left the nest Site.									

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

Time	ID	VD / NvD Duration	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?)

1714 AL makes nest grunts, AT responds with nest grunts