DAY 07 MONTH 10 YEAR 09 OBS-PC Fm TMF/40 Tw HOW FOUND FFT

	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	GRID	MNK	SP	PT
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10:45																			X	X	X																						X			〃	〃
11:00																			X	X	X																						X			FBR	RF
11:15																			X	X	X																						X			—	—
11:30																			X	X	X																						X		M9b	—	—
11:45																			X	X	X																						X			—	~
12:00																			X	X	X																						X			FBR	RF
12:15																			X	X	X																						X			〃	〃
12:30																			X	X	X																						X			〃	〃
12:45																			X	X	X																						X	M/27	M9b	FBR	RF
	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				
13:00																			X	X	X																						X	M/27	M9b	—	—
13:15																			X	X	X																						X			—	—
13:30																			X	X	X																						X			—	—
13:45																			X	X	X																						X			—	—
14:00																			X	X	X																						X			—	—
14:15																			X	X	X																						X	M/27	M9b	—	—
14:30																			X	X	X																						X	M/26		—	—
14:45																			X	X	X																						X			PHY	RF
15:00																			X	X	X																						X			DMA	〃
15:15																			X	X	X																						X			CAF	YL
15:30																			X	X	X																						X			〃	〃
15:45																			X	X	X																						X			—	—
16:00																			X	X	X																						X	M/26		—	—
16:15																			X	X	X																						X	M/25		—	—
16:30																			X	X	X																						X			FNA	RF
16:45																			X	X	X																						X			〃	〃
17:00																			X	X	X																						X			FNA	RF
17:15																			X	X	X																						X		RDT	PHY	〃
17:30																			X	X	X																						X		〃	〃	RF
17:45																			X	X	X																						X	M/25	RDT	THV	THV
18:00																			X	X	X																						X	M/26		CHT	YL
18:15																			X	X	X																						X	〃		CAF	〃
18:30																			X	X	X																						X	〃		—	—
18:45																			X	X	X																						X	M/26		—	—
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	OL	GRID	MNK	SP	PT
Health																			1	1	1																						2				

COMMENTS Oh was 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

QU① OT②

KPC BEHAVIOUR

DAY: 07 MONTH: 10 YEAR: '09 KPC: Fm OTHERS: TW FOUND: FFT

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
957	Chimps	found	us waiting at the		FBR.					
1000		QUOT	09	OMOL	CEx/29					
1002	Chimps	climbed into FBR.								
1015		QUOT	09	OMOL	CEx/29	✓	FBR	RF		
1030		QUOT	09	OMOL	"	✓	"	"		
1045		QUOT	09	OMOL	"	✓	"	"		
1056	OT	building a	day nest.							
1100		QUOT	09	OMOL	CEx/29	✓	FBR	RF		
1102	QU	building a	day nest.							
1115		QUOT	09	OMOL	CEx/29					
1130		QUOT	09	OMOL	"				mgb	
1145		QUOT	09	OMOL	"				"	
1158	QU	leaving the	day nest and	started	feeding.					
1200		QUOT	09	OMOL	CEx/29	✓	FBR	RF	mgb	
1206	OT	leaving the	day nest.							
1215		QUOT	09	OMOL	CEx/29	✓	FBR	RF	mgb	
1230		QUOT	09	OMOL	"	✓	"		"	
1245		QUOT	09	OMOL	"	✓	FBR	RF	mgb	

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

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?)

KPC BEHAVIOUR

DAY: 07th MONTH: 10 YEAR: 09 KPC: Fm OTHERS: Tw FOUND: FFT

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1248	chimps climbed down the feeding tree.									
1251	Chain groom, Om → OU → Og.									
1256	OU grooming Og and Om grooming OT.									
1258	OT grooming Om.									
1300		OU OT	Og	Omol	C Ex /29				M.96	
1303	Chain groom, Om → OU → OT.									
1305	OU grooming OT.									
1307	Om grooming Og.									
1307	Hand clasp mutual groom,				OU ⇆ OT					HCG
1308	OU grooming OT.									
1309	OT grooming OU.									
1310	Og grooming Om.									
1310	Hand clasp mutual groom				OU ⇆ OT					HCG
1311	OU grooming OT and Om grooming Og.									
1315		OU OT	Og	Omol	C Ex /29				M96	
1320	OT grooming OU.									
1322	Og grooming Om.									
1323	Chain groom, OT → Om → OU.									

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

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?)

KPC BEHAVIOUR

DAY: 07 MONTH: 10 YEAR: 09 KPC: Fm OTHERS: Tw FOUND: FFT

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1323	OL playing with 09 by tickling.									
1325	Om	grooming	OL.							
1330		OLOT	09	Omol	C Ex /29				mgb	
1331	Chain	groom	Om → OL → 09.							
1335	OL	grooming	09.							
1336	09	grooming	OL.							
1338	Hand	clasp	mutual groom with a branch, OL ⇆ 09							Hcg
1345		OLOT	09	Omol	C Ex /29				mgb	
1349	Om	grooming	OL							
1400		OLOT	09	Omol	C Ex /29				mgb	
1402	OL	grooming	OT.							
1415		OLOT	09	Omol	C Ex /29				mgb RDC	
1430		OLOT	09	Omol	B /29					
1436	Chimps	started	feeding on PHY.							UNF
1445		OLOT	09	Omol	B1 /28	✓	PHY	RF		
1500		OLOT	09	Omol	"	✓	DMA	"		
1515		OLOT	09	Omol	B /26	✓	CAF	ML		
1530		OLOT	09	Omol	"	✓	"	"		

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

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?)

KPC BEHAVIOUR

DAY: 07 MONTH: 10 YEAR: 09 KPC: Fm OTHERS: Tw FOUND: F-FT

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1323	OU playing with 09 by tickling.									
1325	Om	grooming	OU.							
1330		OUOT	09	Omor	C Ex /29				mgb	
1331	Chain	groom	. Om → OU → 09.							
1335	OU	grooming	09.							
1336	09	grooming	OU.							
1338	Hand	clasp	mutual groom with a branch, OU ⇆ 09							Hcg
1345		OUOT	09	Omor	C Ex /29				mgb	
1349	Om	grooming	OU							
1400		OUOT	09	Omor	C Ex /29				mgb	
1402	OU	grooming	OT.							
1415		OUOT	09	Omor	C Ex /29				mgb RDC	
1430		OUOT	09	Omor	B /29					
1436	Chimps	started	feeding on PHH.							UNF
1445		OUOT	09	Omor	B1 /28	✓	PHH	RF		
1500		OUOT	09	Omor	"	✓	DMA	"		
1515		OUOT	09	Omor	B /26	✓	CAF	ML		
1530		OUOT	09	Omor	"	✓	"	"		

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

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?)

KPC BEHAVIOUR

DAY: 07 MONTH: 10 YEAR: 09 KPC: FM OTHERS: TW FOUND: FFT

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1535	OG playing with OL by tickling.									
1539	OT grooming OM.									
1545		OU OT	OG	OMOM	B/26					
1549	OU playing with OG by touching.									AP
1550	OL was heard sneezing.									
1553	OT playing with OG by biting and tickling.									
1600		OU OT	OG	OMOM	B/26					
1607	OT OG eating black soil from the rocks.									SOIL
1613	OT OM drinking water from the stream									DR
	with their mouths.									
1615		OU OT	OG	OMOM	Y/23					
1622	Chimps climbed into FNA.									
1630		OU OT	OG	OMOM	Y/23	✓	FNA	RF		
1645		OU OT	OG	OMOM	4	✓	4	4		
1656	OT leaving the feeding tree.									
1700		OU OT	OG	OMOM	Y/23	✓	FNA	RF		
1704	OM grooming OU.									
1706	Chimps leaving the feeding tree.									

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

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?)

KPC Behavior

Day 07th Month 10 Year 2009 KPC Fm Others TW Found FFT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1710	Om grooming OU.									
1711	OT feeding on PHY ripe fruit.									UNF
1715		OU OT	OG	OMOA	V/23	✓	PHY	RF	RDT	
1724	OU grooming Om.									
1728	Om grooming OU.									
1730		OU OT	OG	OMOA	V/23	✓	PHY	RF	RDT	
1735	OG feeding on MOR young leaves.									
1738	OG grooming OU.									
1745		OU OT	OG	OMOA	V/23	✓	THV	THV	RDT	
1746	Om drinking water from an elephant footprint with her mouth.							FOOT		DR
1755	OU grooming OT.									
1758	OU feeding on CHT young leaves.									
1800		OU OT	OG	OMOA	C/26	✓	CHT	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	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 07th Month 10 Year 2009 KPC Fm Others JW Found EFT

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1815		OU OT	09	Omon	C/26	✓	CAF	YL		
1815	OU building a night nest, 15m high,									
	DBH 28 cm (E) sp. Albizzia.									
1816	Om building a night nest, 16m high,									
	DBH 36 cm (E) sp. CAF.									
1825	OT building a night nest, 13m high,									
	DBH 17 cm (E) sp. CAF.									
1828	09 building a night nest, 10m high,									
	DBH 13 cm (E) sp. CAF.									
1830		OU OT	09	Omon	C/26					
1845		OU OT	09	Omon	4					
1847	Obs leaving the nest site.									

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?)