DAY 10 MONTH DEC YEAR 2009 OBS-PC KJ FOC-OBS SM OTHERS AGICJR HOW FOUND N

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OY	OG	OM	OL	TG	TF	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																																																		
6:45																																																		
7:00									X	X	X																			X	X	X	X											X		M126	MGB BAB	FCP	RF
7:15									X	X	X																			X	X	X	X											X			"		
7:30									X	X	X																			X	X	X	X											X			"		
7:45									X	X	X																			X	X	X	X											X			"		
8:00									X	X	X																			X	X	X	X											X			"		
8:15									X	X	X																			X	X	X	X											X			MGB		
8:30									X	X	X																			X	X	X	X											X			"		
8:45									X	X	X																			X	X	X	X											X			"		
9:00									X	X	X																			X	X	X	X											X		M126	"	FCP	RF
9:15										X																																	X		N125		—	—
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					RDC		
10:00										X														X	X	X	X								X	X			X	X	X	X	X					"		
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					"		
11:00										X																																						FCX	RF
11:15										X																																							
11:30										X																																							
11:45										X																																							
12:00										X																																							
12:15										X																																							
12:30										X																																							
12:45										X																																							
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OY	OG	OM	OL	TG	TF	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																					
13:15										X														X	X	X	X																					
13:30										X														X	X	X	X																				FCX	RF
13:45										X														X	X	X	X																				FBR	RF
14:00										X														X	X	X	X																				FBR	RF
14:15										X														X	X	X	X																				FBR	RF
14:30										X																																						COA	RF
14:45										X																																						COA	RF
15:00										X																																						GOA	RF
15:15										X																																						—	—
15:30										X																																						COA	RF
15:45										X																																						THV	THV
16:00										X																																							
16:15										X																																							
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	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OY	OG	OM	OL	TG	TF	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								1	2	1	2																			1	1	1	1	1	2					2	2	1			1	1				

COMMENTS PG, PB @ TWC and Lo were heard coughing.

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

GPS B AL ①

KPC Behavior

Day 10 Month DEC Year 2009 KPC KJ Others BM FM AGRIC Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
658	Obs found chimps at B127 feeding									
	on FCP at the same location where rested.									
	Obs couldn't un nest due to the elephants.									
700	PG PB ES			EU	B/27	✓	FCP	RF	Blu MGB	
715	PB PG ES			EU	"	✓	FCP	RF	"	
716	PG has got productive cough.									
730	PG PB ES			EU	UB/27	✓	FCP	RF	"	
743	AL family joined the party, ES									
	approached her and she presented to									
	him. he inspected her by both touching									
	and smelling on the estrous.									
745	PG PB ES	AL	AT AZ	EU AN	B/27	✓	FCP	RF	Blu MGB	
758	AT was heard coughing.									
800	PG PB ES	AL	AT AZ	EU AN	B/27	✓	FCP	RF	Blu MGB	
810	PB was heard coughing.									

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 10th Month DEC Year 2009 KPC KJ Others SMICAGFM JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
815	PG PB ES	AL	AT AZ	Eu AN	B/27	✓	FCP	RF	MGB	
823	PB grooming PG									
824	Eu grooming ES									
825	mutual groom ES ←→ Eu									
828	Eu grooming ES.									
829	ES grooming Eu.									
830	PG PB ES	AL	AT AZ	Eu AN	B/27	✓	FCP	RF	MGB	
831	Hand clasp mutual groom PB ←→ PG									HCG
832	PB grooming PG after hand clasp									
837	Eu grooming ES									
845	PB PG ES	AL	AT AZ	Eu AN	B/27	✓	FCP	RF	MGB	
85	Eu and ES coming down from FCP.									
900	PB PG ES	AL	AT AZ	Eu AN	B/27	✓	FCP	RF	MGB	
902	ES made non vocal displays and buttress									
	bungs others did not respond.									

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
902			4sec													
904			4sec													
907			3sec													
916																

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 10 Month DEC Year 2009 KPC KS Others SMFMAGICTR Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
904	ES and Eu moved away Separating									
	from the rest.									
906	ES made non vocal displays and									
	buttress bungs Eu did not respond.									
907	ES made non vocal displays and buttress									
	bungs Eu did not respond.									
915	ES			Eu	E TO				Ø	
916	ES made vocal displays and buttress									
	bungs Eu did not respond.									
918	ES Eu joined WL, OT, LR and TG Families,									
	ES made non vocal displays, LR OT									
	and Thor made pant barks.									
921	TG grooming ES									
922	ES grooming TG									
924	OT was heard Sneezing.									

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
904			1sec													G
916		6sec	6sec													G
918			10sec												Re-Union	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 10th Month DEC Year 2009 KPC KJ Others SM TW IC JR Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
930	ES	TG WL QT LR	QV LO WCTT	TS TP Eu	Q/8				ROC	
931	WC was heard coughing.									
935	ES grooming TG									
943	ES approached LR who made pant barks									
	and groomed him.									
943	Eu playing with TT by touching.									
945	ES	TG WL QT LR	QV LO WCTT	TS TP Eu	Q/8				ROC	
946	WL made vocal displays towards TG									
	who made arm threats while screaming									
	WL also made arm threats, then ES									
	intervened by making non vocal									
	displays and chased WL who fled up									
	the tree, QT and TG also fled climbing									
	trees all pant barking.									

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
946	WL	4sec						TG	N		YES		✓		un known conflict interaction	G
11	ES	20sec		2				WL		✓	yes					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 10th Month DEC Year 2009 KPC KJ Others SM TW IC AG JR Found M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
957	OT making a day nest in a strich nose									
	at 12 metes high.									
1000	ES	TGHR WLOT	OV WE LOTT	TS TD Eu	Q/8				RDC	
1007	ES made non vocal displays and									
	buttress bangs LR and WL climbed									
	trees plant barking.									
010	OT (OV) coming out of the day nest.									
1015	ES	TGHR WLOT	OV WE LOTT	TS TD Eu	Q/8				RDC	
1019	TS playing with Eu by swinging and									
	chassing one another along trees.									
1022	ES climbed into a tree (FBR occupied									
	by RDC and they chased him down									
	making alarm calls, ES ?ed making									
	non vocal displays. (2 adult males).									
1024	Lo was heard coughing.									

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
1007	ES		ISSeek					None							Un Known	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 10th Month DEC Year 2009 KPC KJ Others SM TW IC JR AG Found FT

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1025	OT made pant grunts to				ES		who			PTG
	Ignored her.									
1028	WL grooming WE.									
1029	Eu grooming OT.									
1030	ES	TG LR WL OT	TTWE LO OV	Eu TS TD	9/10				RDC	
"	Eu playing with OV by touching.									
1043	ES made branch shake to				OT		who			
	made screams and chased				him (ES)					
	and he fled silently.									
1044	ES made non vocal displays and buttress									
	bangs others made waors barks									
1045	ES	TG LR WL OT	TTWE OV LO	Eu TS TD	9/11				Ø	
1046	ES and Eu climbed into FOX.									
1050	LR WL and TG Families separated from ES									
	& Eu being followed by TW.									

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
1043	OT		45sec					ES			NO				un known	G
1044	ES		16sec					NONE							un known	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 10th Month DEC Year 2009 KPC KT Others SM AG/CJR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1100	ES			Eu	E/11	✓	FEX	RF	Ø	
1115	ES			Eu	"	✓	FEX	RF	Ø	
1120	it started raining chimps continued on feeding									
1130	ES			Eu	E/11	✓	FEX	RF	Ø	
1145	ES			Eu	"	✓	FEX	RF	Ø	
1200	ES			Eu	"	✓	FEX	RF	Ø	
1215	ES			Eu	"	✓	FEX	RF	Ø	
1230	ES			Eu	"	✓	FEX	RF	Ø	
1245	ES			Eu	"	✓	FEX	RF	Ø	
1249	TG family joined the party no any calls made.									
1300	ES	TG	TT	TS TD Eu	E/11	✓	FEX	RF	Ø	
1315	ES	TG	TT	TS TD Eu	"	✓	FEX	RF	Ø	
1328	ES and Eu coming down from FEX.									
1330	ES	TG	TT	Eu TS TD	E/11	✓	FEX	RF	Ø	
1334	Eu and ES climbed into FBR at ce 19.									

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
1329	ES		4sec					None							un known	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?)

1329- ES made non vocal displays and buttress bungs others did not respond.

KPC Behavior

Day 10th Month DEC Year 2009 KPC KI Others SMAGIC JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1340	TG TD TT TS also climbed into FBR.									
1342	it stoped raining									
1345	ES	TG	TT	TS TD EU	C/4	V	FBR	RF	Ø	
1400	ES	TG	TT	TS TD EU	"	V	FBR	RF	Ø	
1415	ES	TG	TT	TS TD EU	"	V	FBR	RF	Ø	
1416	ES & EU coming down from FBR.									
1425	EU & ES climbed into cordia at 2/13 and started feeding on RF. TG TO TS TT went missing									
1430	ES			EU	4/13	V	COA	RF	Ø	
1440	ES making a day nest in the feeding tree at 28 metres high.									
1445	ES			EU	4/13	V	COA	RF	Ø	
1500	ES			EU	"	V	COA	RF	Ø	
1515	ES			EU	"				Ø	
1526	ES coming out of the day nest.									

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
1419	ES		6sec					None							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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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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1419- ES made non vocal displays and buttress bangs. Others did NOT respond.

KPC Behavior

Day 10th Month DEC Year 2009 KPC KT Others SMAGIC JR Found M

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1530	ES			Eu	L/13	V	COA	RF	Ø	
1532	chimps coming down from cordia.									
1535	chimps started feeding on FHV.									
1525	ES			Eu	M/KRd	V	THV	THV	Ø	
N/26 1600	ES			Eu	21/KRd	V	THV	THV	Ø	
1615	ES			Eu	"	V	THV	THV	Ø	
1630	ES			Eu	"	V	THV	THV	Ø	
1645	ES			Eu	"	V	THV	THV	Ø	
1755	ES made non vocal displays and buttress									
	bungs Eu did not respond.									
1700	ES			Eu	S/KRd				Ø	
1715	ES			Eu	IG/KRd				Ø	
1719	chimps joined KK and NP. NO				any calls made.					
1730	ES KK			Eu NP	KRD/BFP				Ø	
1731	ES & Eu.	climbed into FOT at			KRd/BFP					

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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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 10th Month DEC Year 2009 KPC KJ Others SM LC Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1745	ES KK			ELNP	KRD BFP	✓	FOT	RF	6	
1750	Qs abandoned chimps in the feeding tree									
	because of elephants.									

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?)