DAY **18th** MONTH **01** YEAR **2009** OBS-PC **Fm** TMF/40 **MKBPCP** HOW FOUND **N**

Party composition / behaviour scan sheet. Column codes (left to right): ST, TU, BB, YB, AJ, MS, LK, KK, PG, ES, PB, TJ, AM, BL, BU, BO, MU, MX, OU, OK, OT, OG, OM, TG, TT, TS, UM, UN, AL, AT, AZ, LR, LO, WA, WE, WL, QT, JK, HH, LS, NP, EU, SAF. Right-hand record columns: GRID, MNK, SP, PT.

Estrus header row values (across columns): 1, 2, 1 2, 3, 3 2, 3, 2

Right-hand observation entries by time:

Time	GRID	MNK	SP	PT
8:00	H/24	RDT	THV	THV
8:15		" / RDT		
8:30		RDT		
10:15			THV	THV
10:30			URH	RF
11:45			URH	RF
12:00			PAP	Pith
12:15			"	"
12:30			"	"
12:45			PAP	Pith
13:00			PAP	Pith
13:15	H/24		"	"
14:00	I/24		ERH	RF
14:15			"	"
14:30			THV	THV
14:45		BWC		
15:00		"		
15:15		"		
15:30		BWC	THV	THV
15:45	I/24		—	—
16:00	I/25		THV	THV
16:15			"	"
16:30	I/25		"	"
16:45	I/25		THV	THV
17:00			—	—
17:15			FNA	RF
18:30	J/25		FNA	RF
18:45	K/25		THV	THV
19:00			"	"
19:15			"	"
19:30	K/25		—	—

Time rows run 5:45 through 20:30 in 15-minute intervals. X = present at that time, recorded across the party-composition columns.

Health row (bottom): tally marks (mostly 1 = healthy) with values including 2, 1, 5 in the UM/UN region.

COMMENTS: UM was heard coughing, and AJ's right eye was swollen. chimps crossed Rwembata swamp and obs had to

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

leave them from white.
From 1030 – 1145 chimps were also feeding on Jagaropsis. (FGA, RF)

Ou ① OT um ② TS ③ WA ③

KPC Behavior

DAY __18th__ MONTH __01__ YEAR __09__ OBSERVER __Fm MK__ BPCP Found: C FT FFT (N) Other _____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF						
757	Obs arrived at the nest site after the rain									
	and found chimps had left the nests but									
	were still around.									
800	AJ MBBB PS ST TM TJ ES WKK MS PB	TJ UM OU WA	TTUM 09	WE OM OT TS EUNP	Euc Trail /CR	✓	THV	THV	RDT	
814	Copi. with screams but no dart, 12 secs, m→F approach									CP BB→TJ
815	AJ MBBB ST TM PS WKK ES WK MS PB	TJ UM OU WA	TTUM 09	WE OM OT TS EUNP	Euc Trail /CR	✓	THV	THV	RDT	
822	Copi. with screams but no dart, 8 sec, m→F approach									CP TU→TJ
826	ST made attack one on TS by kicking and									
	she casually avoided screaming.									
828	Copi. with screams and no dart, 6secs, m→F approach									CP ST→TJ
829	Someone made non vocal displays in									
	dense vegetation but no one responded.									
830	AJ MBBB WK ES ST TJ TM MS KK PB	TJ UM OU WA	TTUM 09	WE OM OT TS EUNP	Euc Trail /CR	✓	THV	THV	RDT	
837	Someone was chased in dense vegetation									
	and fled screaming as the others made warbarks.									
838	Silent cop. and no dart, 6secs, F→M approach									CP TJ→UM
844	Copi. with screams but no dart, 8secs, m→F approach									CP LK→TJ
845	AJ MBBB WK ES TUST PS TJ KK MS PB	TJ UM OU WA	TTUM 09	WE OM OT TS EUNP	Euc Trail /CR	✓	THV	THV		
900	AJ MBBB ES TUST WK KK MS PS PB TJ	TJ UM OU WA	TTUM 09	WE OM OT TS EUNP	"	"	"	"		

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK   ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey;
IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt;
RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 18th MONTH 01 YEAR 09 OBSERVER Fm mk BPCP Found: C FT FFT (N) Other_____

Time	Party Composition AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
911	Silent cop. and no dart, 10secs M→F approach									CP Pg→TB
915	Lukku MSST MBBB TUES PSPB TJAJ	TJ UM OUWA	TT09 UN	WE OMOTTS EUNP	Euc Trail /CR	✓	THV	THV		
930	Lukku MSST MBBB TUES PSPB TJAJ	TJ UM OUWA	TT09 UN	WENP OMOTTS EU	"	✓	"	"		
945	Lukku MSST MBBB TUES PSAJ PBTJ	TJOU UMWA	TT09 UN	WENP OMOTTS EU	"	✓	"	"		
1000	Lukku MSST MBBB TUES PSAJ PBTJ	TJOU UMWA	TT09 UN	WENP OMOTTS EU	"	✓	"	"		
1015	AJ Lukku MSST MBBB TUES PSPB TJ	TJUM OUWA	TT09 UN	WE OMOTTS EUNP	Euc Trail /CR	✓	THV	THV		
1022	MS self grooming.									
1025	Chimps climbed into FGA and made food barks.									FBK
1030	Lukku MSST MBBB TUES PSPB AJTJ	TJUM OUWA	TT09 UN	WE OMOTTS EUNP	Euc Trail /CR	✓	URH FGA	RF		
1035	Ku made non vocal in the feeding tree and									
	Eu fled silently.									
1038	Cop. with screaming but no dart 11secs. M→F approach									CP MK→TJ
1042	Ku made non vocal displays and BB casually									
	avoided making soft scream, then came back and									
	groomed Ku.									
1045	Lukku MSST MBBB TUES PSPB AJTJ	TJUM OUWA	TT09 UN	WE OMOTTS EUNP	Euc Trail /CR	✓	URH FGA	RF		
1046	09 chased Eu who retaliated making arm threats									
	and warbarks, and 09 fled silently.									
1054	ST building a day nests in the feeding tree.									

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RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 18th MONTH 01 YEAR 09 OBSERVER Fm Mk Found: C FT FFT (N) Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1056	Og grooming YB and OU grooming Om.									
1058	Hand Clasp mutual groom									HCG YB⇆Og
1059	Og grooming YB.									
1100	LK KU TUES YB BB MS ST PG AJ PB	TG OU UM WA	TT OG UN	WE EU OM OTTS EU NP	Euc trail /CR	✓	URH /FGA	RF		
1102	Om grooming OU.									
1115	LK KU TUES YB BB MS ST PG AJ PB TJ	TG OU UM WA	TT OG UN	WE EU OM OTTS NP	Euc trail /CR	✓	URH /FGA	RF		
1129	UN was heard coughing. (Dry cough).									
1130	LK KU TUES YB BB MS ST PG AJ PB TJ	TG OU UM WA	TT OG UN	WE EU OM OTTS NP	Euc trail /CR	✓	URH /FGA	RF		
1145	LK KU TUES YB BB MS ST PG AJ PB TJ	TG OU UM WA	TT OG UN	WE EU OM OTTS NP	"	✓	"	"		
1147	Chimps climbed down the feeding tree and moved into the swamp.									
1200	LK KU TUES YB BB MS ST PG AJ PB TJ	TG OU UM WA	TT OG UN	WE EU OM OTTS NP	Euc trail /CR Swamp	✓	PAP	Pith		
1212	Pg made attack on PB who screamed and casually avoided but no one responded.									
1215	LK KU TUES YB BB MS ST PG AJ PB TJ	TG OU UM WA	TT OG UN	WE EU OM OTTS NP	Euc trail /CR Swamp	✓	PAP	Pith		
1230	LK KU TUES YB BB MS ST PG AJ PB TJ	TG OU UM WA	TT OG UN	WE EU OM OTTS NP	"	✓	"	"		
1242	Some ids made vocal displays and buttress bumps and others warbarks									
1245	LK KU TUES YB BB MS ST AJ PB	TG OU UM WA	TT OG UN	WE EU OM OTTS NP	Euc trail /CR swamp	✓	PAP	Pith		
1250	someone made vocal displays and buttress bumps, and others made warbarks.									

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RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

1138 OT grooming WA.

KPC Behavior

DAY __18th__ MONTH __01__ YEAR __09__ OBSERVER __Fm Mk__ Found: C FT FFT (N) Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1300	LKKK TUES UBBB MSST PSAJTJ PB	UMWA TGDU	TTOG UN	WEEY-S OMOTS NP	Euc Trail /CR /Swamp	✓	PAP	Pith		
1305	someone made non vocal displays and buttress bangs									
	but no one responded.									
1307	someone made non vocal displays and buttress									
	bangs and others made warbarks.									
1315	LKKK TUES UBBB MSST PSAJTJ PBBT	UMWA TGDU	TTOG UN	WEEY OMOTS NP	Euc Trail /CR /Swamp	✓	PAP	Pith		
1324	Chimps crossed the swamp heading to KIS and									
	we had to go around.									
1350	Obs found chimps again.									
1400	LKKK TUES UBBB MSST PSAJ PBBT	UMWA TGDU	TTOG UN	WEEY OMOTS NP	MB /WB	✓	ERH	RF		
1415	LKKK TUES UBBB MSST PSAJ PBBT	UMWA TGDU	TTOG UN	WEEY OMOTS NP	"	✓	"	"		
1424	someone was chased in poor view and fled									
	screaming as the others made warbarks.									
1428	KK grooming PG.									
1430	TJ LKKK TUES UBBB MSST PSPB	UMWA TGDU	TTOG UN	WEEY OMOTS NP	MB /WB	✓	THV	THV		
1431	someone chased PB who fled screaming and									
	some males panthooted.									
1434	PG grooming KK.									

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RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY __18th__ MONTH __01__ YEAR __09__ OBSERVER __Fm MK__ Found: C FT FFT (N) Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1436	KK PG made joint non vocal displays and									
	KK chased ST who fled screaming but no one responded.									
1437	Copi with screams but no dart, 6 secs, m→F approach									CP KK→TS
1441	Some one was attacked in poor view and									
	screamed but didn't avoid.									
1445	KKKK TUES MBBB MSST AJ PG PBTJ	UMWA TS OU	TT OG UM	WEEU 9m OTTS NP	7ft off Trail	✓	THV	THV	Bwz	
1500	KKKK TUES MBBB MSST AJ PG PBTJ	UMWA TS OU	TT OG UM	WEEU 9m OTTS NP	"	✓	"	"	"	
1515	KKKK TUES MBBB MSST AJ PG PBTJ	UMWA TS OU	TT OG UM	WEEU 9m OTTS NP	"	✓	THV	THV	Bwz	
1518	OG playing with UM by chasing.									
1526	PG made non vocal displays, chased and attacked									
	(attack one) UM by kicking and she fled screaming.									
	OG OT Om fled silently.									
1530	TJ KKKK TUES MBBB MSST AJ PG PB	UMWA TS OU	TT OG UM	EMWE 9m OTTS NP	7ft off Trail	✓	THV	THV	Bwz	
1536	OG playing with TT by bitting and wrestling.									
1542	TT OG were playing and ended up fighting, then									
	TT fled screaming.									
1544	Copi with screams but no dart, 8 secs, m→F approach.									CP BB→TS
1545	KKKK TUES MBBB MSST AJ PG PBTJ	UMWA TS OU	TT OG UM	WENP 9m OTTS NP	7E /WB					
1548	ES made non vocal displays and attack one by									
	kicking on WA who fled screaming but no one responded									

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KPC Behavior

A-② (top)

DAY **18th** MONTH **01** YEAR **09** OBSERVER **Fm Mk** Found: C FT FFT (N) Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF						
1600	LKKV TUES MSST PSAJ YBBB PBTJ	NMWA T9OU	TTO9 UM	TS EUWE NPOT 0m	7E /WB		THV	THV		
1615	LKKV TUES YBBB MSST PSAJ PBTJ	NMWA T9OU	TTO9 UM	WEEU 0m0TTS MP	4	✓	4	4		
1618	AL AT AZ were seen in the party and AT has									
	a swollen right eye.									
1621	Pg made non vocal displays and buttress bangs.									
	and T4 YB OT fled silently then some one war barked.									
1626	Pg made non vocal displays and iuu also made									
	non vocal displays chasing him and he (P9)									
	casually and silently avoided.									
1629	TT playing with UM by wrestling.									
1630	LKKV TUES YBBB MSST PSAJ PBTJ	NMWA T9OU AL	TTO9 ATAZ UM	WEEU 0m0TTS MP	6E /WB		THV	THV		
1636	AL grooming BB.									
1645	LKKV TUES YBBB MSST PSAJ PBTJ	NMWA T9OU AL	TTO9 ATAZ UM	WEEU 0m0TTS MP	3E /WB	✓	THV	THV		
1652	AJ made an arm threat to MP who fled screaming.									
1700	LKKV TUES YBBB MSST PSAJ PBTJ	NMWA T9OU AL	TTO9 AT UM AZ	WEEU 0m0TTS MP	3E /WB					
1708	Chimps climbed into FNA making food barks									FBK
	but 0U99 OTOm stayed on ground.									
1715	TJ LKKV TUES YBBB MSST PSAJ PB	NMWA T9OU AL	TTO9 AT UN AZ	WEEU 0m0TTS MP	2E /TS	✓	FNA	RF		
1718	AJ chased TT who fled screaming in the									
	feeding tree but no one responded.									

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KPC Behavior

DAY **18th** MONTH **01** YEAR **09** OBSERVER **Fm MK** Found: C FT FFT (N) Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1730	TJ LKKK TUES MBBB MSST PSAJ POB	UMWA T9 AL OU	TTAZ UN AT 09	OI WEEU NPTS Om	2E /15	✓	FNA	RF		
1745	LKKK TUES MBBB MSST PSAJ PBTJ	UMWA TSAL OU	TTAZ UN AT 09	OI WEEU NPTS Om	4	✓	4	4		
1800	LKKK TUES MBBB MSST PSAJ PBTJ	UMWA TSAL OU	TTAZ UN AT 09	Om WE EU NPTS OI	4	✓	4	4		
1810	Some ibs leaving the feeding tree and rested on ground.									
1815	LKKK TUES MBBB MSST PSAJ PBTJ	UMWA TSAL OU	TTAZ UN AT 09	OI WEEU NPTS Om	2E /15	✓	FNA	RF		
1820	EU self grooming.									
1830	LKKK TUES MBBB MSST PSAJ PBTJ	UMWA TSAL OU	TTAZ UN AT 09	Om OTTS WENP EU	2E /15	✓	FNA	RF		
1833	Chimps started moving.									
1842	Um eating brown soil from the ground.									
1845	LKKK TUES MBBB MSST PSAJ PBTJ	UMWA TSAL OU	TTAZ UN AT 09	Om OTTS WENP EU	15 /8B	✓	THN	THN		
1846	LK grooming T9.									
1900	LKKK TUES MBBB MSST PSAJ PBTJ	UMWA TSAL OU	TTAZ UN AT 09	Om OTTS WENP EU	2S /8B	✓	THN	THN		
1908	The new SAF was seen in the party. She moved into poor view after detecting Obs.									
1909	TJ building a night nest, 5m high DBH? sp. UVAriopsis.									
1915	TJ LKKK TUES MBBB MSST PSAJ PB	SAF UMWA TSAL OU	TTAZ UN AT 09	Om OTTS WENP EU	2S /CR					
1918	MS building a night nest, 6m high. DBH? sp. UVA.									
1928	More chimps nesting but it's already dark.									
1930	LKKK TUES MBBB MSST PSAJ PBTJ	SAF UMWA TSAL OU	TTAZ UN AT 09	Om OTTS WENP EU	2S /CR					

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1933 Obs leaving the nest site.