



## ITINERARY

### MALAWI



## DAY 1 – SUNDAY (25 SEP)

Arrive at camp – camp orientation & moving in
Introductions and risk assessment
Dinner

## DAY 2 – MONDAY (26 SEP)

05:00	Coffee & tea available
05:30	Orientation / game drive
07:30	Breakfast
a.m.	Introduction to LWT & background to research
	Field Safety
	GPS/Compass/Rangefinder training
13:00	Lunch (from lunch pack)
p.m.	Elephant project, dung, safety & ID
	Camera trap lecture & training
18:00	Dinner
19:00	Set up camera traps (2 groups)

## DAY 3 – TUESDAY (27 SEP)

7:00	Breakfast
a.m.	Invertebrate sampling lecture & training
	Meet the pangolins & lecture
	Set up ant traps (1 group)
13:00	Lunch (from lunch pack)
p.m.	iNaturalist
	Hippo training & walk
	Hyaena call-in training
18:00	Dinner

# DAY 4 – WEDNESDAY (28 SEP)

Activity	Citizen scientists	Staff	Ranger
<b>Invertebrate sampling / bolus collection / iNaturalist</b> In the field, on foot Morning activity (from 08:00 for 1-2 h) 2-3 citizen scientists, 1 ranger	X	X	X
<b>Elephant count / bolus collection / iNaturalist</b> In the field, mostly in car, sometimes on foot Morning activity (from 08:00 2-4 h) 3 citizen scientists, 1 staff, 1 ranger (only when on foot)			
<b>Hippo count / bolus collection / iNaturalist</b> In the field, on foot Afternoon activity (from 14:30, max 2 h) 3 citizen scientists, 1 ranger		X	
<b>Hyaena call-in / spotlighting / iNaturalist</b> In the field, car Night activity (from 19:00, up to 5 h) 3-4 citizen scientists, 1 staff			X
<b>Camera trap checks / spotlighting / iNaturalist</b> In the field Night activity (from 19:00, up to 5 h) 1-3 citizen scientists, 1 staff	X	X	X
<b>Data entry / camera trap picture sorting / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X
<b>Dung seed analysis / elephant count / rest</b> At base Any time of the day (as long as it takes) 2-3 citizen scientists, 1 staff (around camp for questions)			X
<b>Ant ID / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X

X = not needed / activity not taking place on that day

**Remember to be back at 17:00 for de-brief/planning meeting whatever you are doing.**

Buffet breakfast from 07:00-08:00 (make your own lunch pack from this) / dinner for all at 18:00.

# DAY 5 – THURSDAY (29 SEP)

Activity	Citizen scientists	Staff	Ranger
<b>Invertebrate sampling / bolus collection / iNaturalist</b> In the field, on foot Morning activity (from 08:00 for 1-2 h) 2-3 citizen scientists, 1 ranger		X	
<b>Elephant count / bolus collection / iNaturalist</b> In the field, mostly in car, sometimes on foot Morning activity (from 08:00 2-4 h) 3 citizen scientists, 1 staff, 1 ranger (only when on foot)			
<b>Hippo count / bolus collection / iNaturalist</b> In the field, on foot Afternoon activity (from 14:30, max 2 h) 3 citizen scientists, 1 ranger		X	
<b>Hyaena call-in / spotlighting / iNaturalist</b> In the field, car Night activity (from 19:00, up to 5 h) 3-4 citizen scientists, 1 staff			X
<b>Camera trap checks / spotlighting / iNaturalist</b> In the field Night activity (from 19:00, up to 5 h) 1-3 citizen scientists, 1 staff	X	X	X
<b>Data entry / camera trap picture sorting / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X
<b>Dung seed analysis / elephant count / rest</b> At base Any time of the day (as long as it takes) 2-3 citizen scientists, 1 staff (around camp for questions)			X
<b>Ant ID / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X

X = not needed / activity not taking place on that day

**Remember to be back at 17:00 for de-brief/planning meeting whatever you are doing.**

Buffet breakfast from 07:00-08:00 (make your own lunch pack from this) / dinner for all at 18:00.

# DAY 6 – FRIDAY (30 SEP)

Activity	Citizen scientists	Staff	Ranger
<b>Invertebrate sampling / bolus collection / iNaturalist</b> In the field, on foot Morning activity (from 08:00 for 1-2 h) 2-3 citizen scientists, 1 ranger	X	X	X
<b>Elephant count / bolus collection / iNaturalist</b> In the field, mostly in car, sometimes on foot Morning activity (from 08:00 2-4 h) 3 citizen scientists, 1 staff, 1 ranger (only when on foot)			
<b>Hippo count / bolus collection / iNaturalist</b> In the field, on foot Afternoon activity (from 14:30, max 2 h) 3 citizen scientists, 1 ranger		X	
<b>Hyaena call-in / spotlighting / iNaturalist</b> In the field, car Night activity (from 19:00, up to 5 h) 3-4 citizen scientists, 1 staff			X
<b>Camera trap checks / spotlighting / iNaturalist</b> In the field Night activity (from 19:00, up to 5 h) 1-3 citizen scientists, 1 staff	X	X	X
<b>Data entry / camera trap picture sorting / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X
<b>Dung seed analysis / elephant count / rest</b> At base Any time of the day (as long as it takes) 2-3 citizen scientists, 1 staff (around camp for questions)			X
<b>Ant ID / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X

X = not needed / activity not taking place on that day

**Remember to be back at 17:00 for de-brief/planning meeting whatever you are doing.**

Buffet breakfast from 07:00-08:00 (make your own lunch pack from this) / dinner for all at 18:00.

**DAY 7 – SATURDAY (1 OCT)**

# **DAY OFF**

**A.M. VISIT RHUMPI**

**P.M. VISIT KAZUNI**

**(all optional)**

# DAY 8 – SUNDAY (2 OCT)

Activity	Citizen scientists	Staff	Ranger
<b>Invertebrate sampling / bolus collection / iNaturalist</b> In the field, on foot Morning activity (from 08:00 for 1-2 h) 2-3 citizen scientists, 1 ranger		X	
<b>Elephant count / bolus collection / iNaturalist</b> In the field, mostly in car, sometimes on foot Morning activity (from 08:00 2-4 h) 3 citizen scientists, 1 staff, 1 ranger (only when on foot)			
<b>Hippo count / bolus collection / iNaturalist</b> In the field, on foot Afternoon activity (from 14:30, max 2 h) 3 citizen scientists, 1 ranger		X	
<b>Hyaena call-in / spotlighting / iNaturalist</b> In the field, car Night activity (from 19:00, up to 5 h) 3-4 citizen scientists, 1 staff			X
<b>Camera trap checks / spotlighting / iNaturalist</b> In the field Night activity (from 19:00, up to 5 h) 1-3 citizen scientists, 1 staff			
<b>Data entry / camera trap picture sorting / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X
<b>Dung seed analysis / elephant count / rest</b> At base Any time of the day (as long as it takes) 2-3 citizen scientists, 1 staff (around camp for questions)			X
<b>Ant ID / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X

X = not needed / activity not taking place on that day

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Buffet breakfast from 07:00-08:00 (make your own lunch pack from this) / dinner for all at 18:00.

# DAY 9 – MONDAY (3 OCT)

Activity	Citizen scientists	Staff	Ranger
<b>Invertebrate sampling / bolus collection / iNaturalist</b> In the field, on foot Morning activity (from 08:00 for 1-2 h) 2-3 citizen scientists, 1 ranger	X	X	X
<b>Elephant count / bolus collection / iNaturalist</b> In the field, mostly in car, sometimes on foot Morning activity (from 08:00 2-4 h) 3 citizen scientists, 1 staff, 1 ranger (only when on foot)			
<b>Hippo count / bolus collection / iNaturalist</b> In the field, on foot Afternoon activity (from 14:30, max 2 h) 3 citizen scientists, 1 ranger		X	
<b>Hyaena call-in / spotlighting / iNaturalist</b> In the field, car Night activity (from 19:00, up to 5 h) 3-4 citizen scientists, 1 staff			X
<b>Camera trap checks / spotlighting / iNaturalist</b> In the field Night activity (from 19:00, up to 5 h) 1-3 citizen scientists, 1 staff	X	X	X
<b>Data entry / camera trap picture sorting / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X
<b>Dung seed analysis / elephant count / rest</b> At base Any time of the day (as long as it takes) 2-3 citizen scientists, 1 staff (around camp for questions)			X
<b>Ant ID / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X

X = not needed / activity not taking place on that day

**Remember to be back at 17:00 for de-brief/planning meeting whatever you are doing.**

Buffet breakfast from 07:00-08:00 (make your own lunch pack from this) / dinner for all at 18:00.

# DAY 11 – TUESDAY (4 OCT)

Activity	Citizen scientists	Staff	Ranger
<b>Invertebrate sampling / bolus collection / iNaturalist</b> In the field, on foot Morning activity (from 08:00 for 1-2 h) 2-3 citizen scientists, 1 ranger		X	
<b>Elephant count / bolus collection / iNaturalist</b> In the field, mostly in car, sometimes on foot Morning activity (from 08:00 2-4 h) 3 citizen scientists, 1 staff, 1 ranger (only when on foot)			
<b>Hippo count / bolus collection / iNaturalist</b> In the field, on foot Afternoon activity (from 14:30, max 2 h) 3 citizen scientists, 1 ranger		X	
<b>Hyaena call-in / spotlighting / iNaturalist</b> In the field, car Night activity (from 19:00, up to 5 h) 3-4 citizen scientists, 1 staff			X
<b>Camera trap checks / spotlighting / iNaturalist</b> In the field Night activity (from 19:00, up to 5 h) 1-3 citizen scientists, 1 staff	X	X	X
<b>Data entry / camera trap picture sorting / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X
<b>Dung seed analysis / elephant count / rest</b> At base Any time of the day (as long as it takes) 2-3 citizen scientists, 1 staff (around camp for questions)			X
<b>Ant ID / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X

X = not needed / activity not taking place on that day

**Remember to be back at 17:00 for de-brief/planning meeting whatever you are doing.**

Buffet breakfast from 07:00-08:00 (make your own lunch pack from this) / dinner for all at 18:00.



# DAY 12 – WEDNESDAY (5 OCT)

Activity	Citizen scientists	Staff	Ranger
<b>Invertebrate sampling / bolus collection / iNaturalist</b> In the field, on foot Morning activity (from 08:00 for 1-2 h) 2-3 citizen scientists, 1 ranger	X	X	X
<b>Elephant count / bolus collection / iNaturalist</b> In the field, mostly in car, sometimes on foot Morning activity (from 08:00 2-4 h) 3 citizen scientists, 1 staff, 1 ranger (only when on foot)			
<b>Hippo count / bolus collection / iNaturalist</b> In the field, on foot Afternoon activity (from 14:30, max 2 h) 3 citizen scientists, 1 ranger		X	
<b>Hyaena call-in / spotlighting / iNaturalist</b> In the field, car Night activity (from 19:00, up to 5 h) 3-4 citizen scientists, 1 staff			X
<b>Camera trap checks / spotlighting / iNaturalist</b> In the field Night activity (from 19:00, up to 5 h) 1-3 citizen scientists, 1 staff	X	X	X
<b>Data entry / camera trap picture sorting / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X
<b>Dung seed analysis / elephant count / rest</b> At base Any time of the day (as long as it takes) 2-3 citizen scientists, 1 staff (around camp for questions)			X
<b>Ant ID / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X

X = not needed / activity not taking place on that day

**Remember to be back at 17:00 for de-brief/planning meeting whatever you are doing.**

Buffet breakfast from 07:00-08:00 (make your own lunch pack from this) / dinner for all at 18:00.

# DAY 13 – THURSDAY (6 OCT)

Activity	Citizen scientists	Staff	Ranger
<b>Invertebrate sampling / bolus collection / iNaturalist</b> In the field, on foot Morning activity (from 08:00 for 1-2 h) 2-3 citizen scientists, 1 ranger		X	
<b>Elephant count / bolus collection / iNaturalist</b> In the field, mostly in car, sometimes on foot Morning activity (from 08:00 2-4 h) 3 citizen scientists, 1 staff, 1 ranger (only when on foot)			
<b>Hippo count / bolus collection / iNaturalist</b> In the field, on foot Afternoon activity (from 14:30, max 2 h) 3 citizen scientists, 1 ranger		X	
<b>Hyaena call-in / spotlighting / iNaturalist</b> In the field, car Night activity (from 19:00, up to 5 h) 3-4 citizen scientists, 1 staff			X
<b>Camera trap checks / spotlighting / iNaturalist</b> In the field Night activity (from 19:00, up to 5 h) 1-3 citizen scientists, 1 staff			X
<b>Data entry / camera trap picture sorting / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X
<b>Dung seed analysis / elephant count / rest</b> At base Any time of the day (as long as it takes) 2-3 citizen scientists, 1 staff (around camp for questions)			X
<b>Ant ID / rest</b> At base Any time of the day (as long as it takes) 2 citizen scientists, 1 staff (around camp for questions)			X

X = not needed / activity not taking place on that day

**Remember to be back at 17:00 for de-brief/planning meeting whatever you are doing.**

Buffet breakfast from 07:00-08:00 (make your own lunch pack from this) / dinner for all at 18:00.

**DAY 14 – FRIDAY (7 OCT)**

# **END OF EXPEDITION**

**CAMERA TRAP PICTURE CHECKING FROM 05:30**

**BREAKFAST 07:00**

**DEPART 08:00**

**LILONGWE AROUND 16:00**