

# Tracking Lions: KLi-265F

Research scientists at the  
Zambian Carnivore Program  
fitted a lioness in the Papyrus  
Pride in Kafue National Park  
with a GPS tracking collar to  
follow her movements.



Each day, at 6am, they checked on her  
location and recorded it on the map.

What did this lioness do in 20 days?

Look at the table, and mark her location for  
each day on the map. Draw a line between  
the points to show where she travelled  
around the map.

## Questions:

1. Did the lioness travel more or less than  
you thought she would?

.....

2. What do you think the lioness was doing  
during this time?

.....

.....

.....

.....

Day	Location
1	E15
2	E15
3	E15
4	E15
5	E11
6	E14
7	E14
8	E14
9	E14
10	E14
11	E14
12	E14
13	I10
14	E15
15	D12
16	E14
17	D8
18	E14
19	E3
20	E14



# Kafue National Park, Zambia

Day
1
2
3
4
5
6



1 square (1.5cm = 500m)



## Tracking Lions: ELi-688F

Research scientists at the Zambian Carnivore Program fitted a lioness in the Kapamba I Pride in South Luangwa National Park with a GPS tracking collar to follow her movements.

Let's see what she did over 6 days! Choose a different colour for each day and colour in the legend on the map.

Look at the table, and mark her location for each day on the map. Draw a line between the points to show where she travelled around the map.

### Questions:

1. Did the lioness travel more or less than you thought she would?

.....

2. What do you think the lioness was doing during this time?

.....

.....

Day	Number	Location
1	1	A14
	2	A14
	3	A14
	4	A14
2	5	A14
	6	G14
	7	G14
	8	H14
	9	H12
	10	J12
3	11	I12
	12	I12
	13	H12
4	14	H13
	15	I12
	16	I12
	17	F13
	18	D5
	19	B5
5	20	B5
	21	B5
	22	B5
	23	B5
6	24	B5
	25	B5
	26	B4
	27	C3





# South Luangwa National Park, Zambia

Day
1
2
3
4
5
6



1 square (1.5cm = 500m)



# Tracking Lions: KLi - 994M

Research scientists at the  
Zambian Carnivore Program  
fitted a young lion who was  
leaving the Kasonso Pride in  
Kafue National Park with a GPS  
tracking collar.



Young males need to leave the pride or risk getting on  
the wrong side of the lion in charge! This lion moved  
south, away from the pride lands where he was born.

Where did he go when he left the pride?

Look at the table, and mark his location for each day  
on the map. Draw a line between the points to show  
where he travelled around the map.

## Questions:

1. Did the lion travel more or less than you thought  
he would?

.....

2. Why do you think the lion moved around so much?

.....

.....

3. The brown squares on the left (west) of the map  
are fields around people's houses, and the edge of  
the city of Kayambila. Could this be a problem? Why?

.....

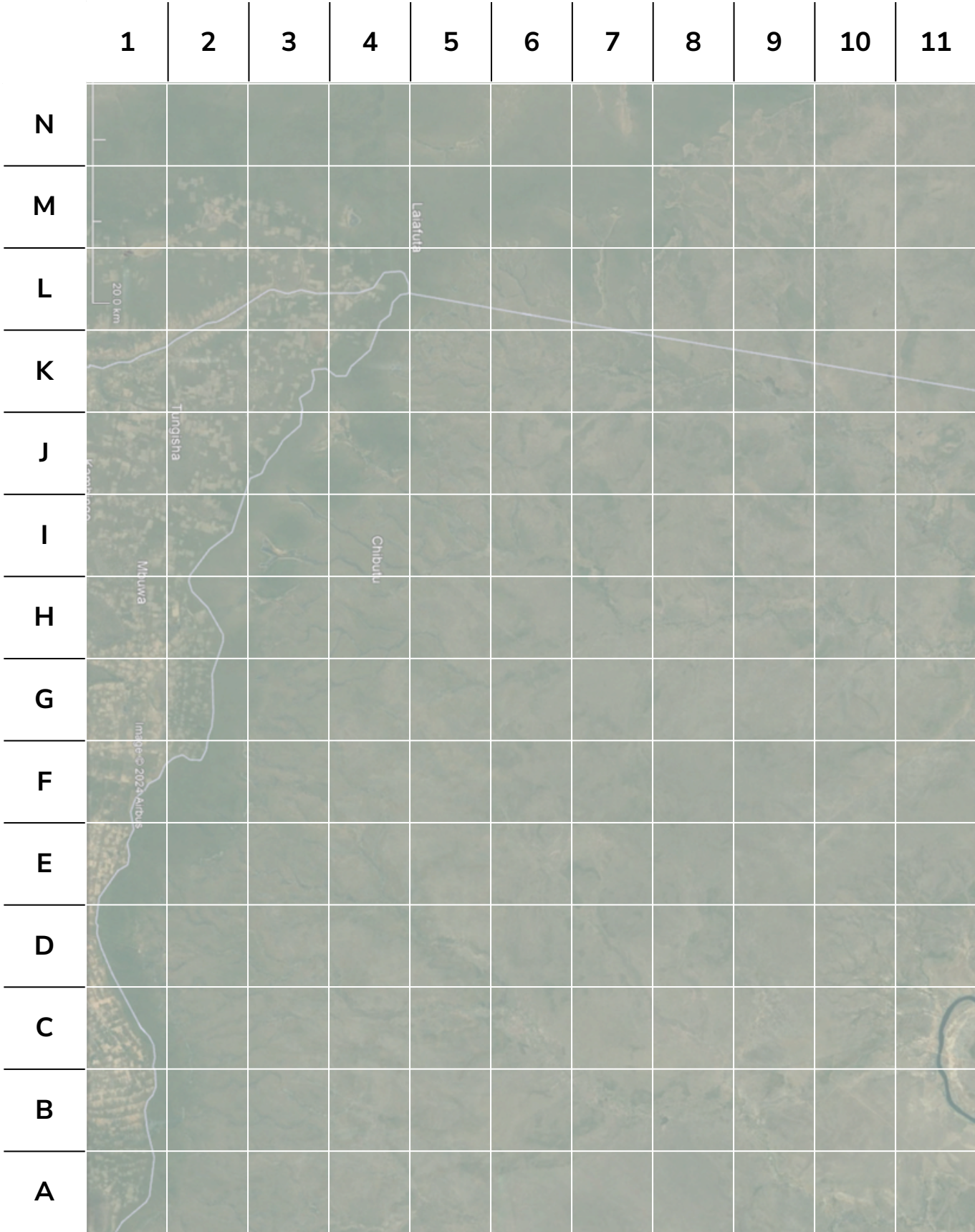
.....

.....

Day	Location
1	N3
2	I7
3	I9
4	I9
5	J7
6	G5
7	E6
8	F5
9	G4
10	D10
11	B10
12	C6
13	C6
14	D7
15	G8
16	G6
17	G6
18	E5
19	D8
20	E9



# Kafue National Park, Zambia



1 square (1.5cm = 5km)



# Proposal: Protecting Lions

Now we know where the lions are, we can make a plan to protect them! Put on your wildlife ranger hat and answer the 4 'P' questions below. Use these answers to write your proposal.

**Problem:**

Which lion are you working to protect?

.....

Where is this lion?

.....

What is this lion doing?

.....

**Proposal:**

What is your objective?

.....

.....

**Plan:**

How will you achieve this objective?

.....

.....

What resources will you need?

.....

.....

What expertise will you need?

.....

.....

**Progress:**

How will you report on this project?

.....

.....

How will to know it is a success?

.....

.....

.....



# Proposal: Protecting Lions



A series of horizontal dashed lines for writing a proposal.