Appendix I : Linyanti Camera Trap Report

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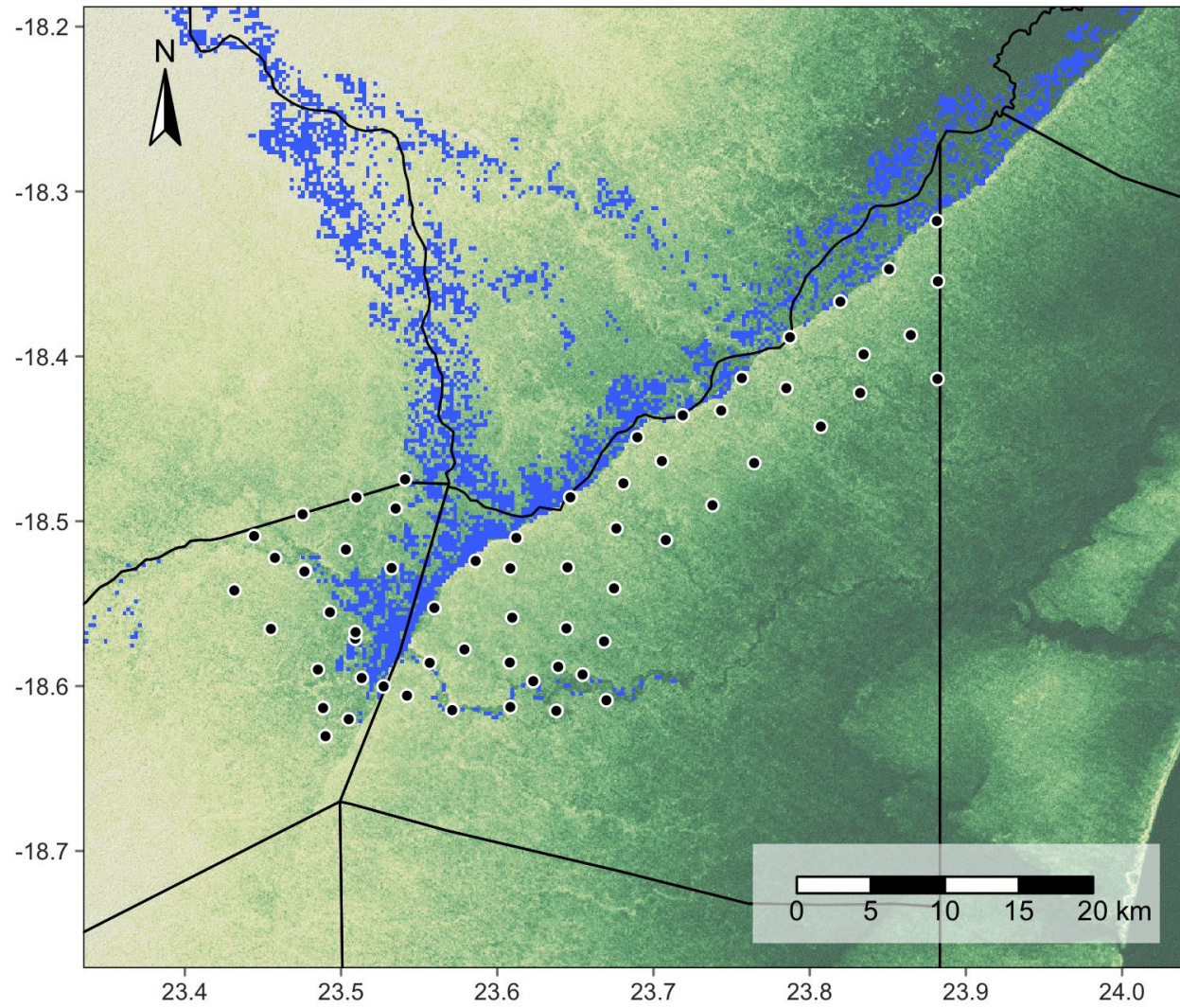
Survey Details

Figure 1. Camera trap locations during the Linyanti camera trap surveys.

Table 1. Data Summary

Species	Number of Images	Percentage of Dataset	Mean RAI
Impala	15,751	36.4581	57.765
Elephant	10,888	25.2020	47.736
Lechwe	2,886	6.6801	7.062
Baboon	2,203	5.0992	5.274
Hyaena, spotted	1,870	4.3284	17.372
Warthog	1,639	3.7937	12.961
Giraffe	1,561	3.6132	10.117
Hippopotamus	1,317	3.0484	15.220
Lion	871	2.0161	6.451
Buffalo	831	1.9235	3.365
Kudu	548	1.2684	3.251
Steenbok	449	1.0393	5.120
Wildebeest	360	0.8333	1.142
Zebra	279	0.6458	2.022
Waterbuck	272	0.6296	2.259
Leopard	249	0.5763	3.610
Duiker	233	0.5393	2.266
Roan	169	0.3912	1.457
Tsessebe	118	0.2731	0.613
Sable	73	0.1690	0.549
Serval	66	0.1528	1.412
Porcupine	64	0.1481	1.348
Honey badger	60	0.1389	1.142
Aardvark	57	0.1319	1.160
Wildcat	46	0.1065	1.230
Reedbuck	41	0.0949	0.463

Species	Number of Images	Percentage of Dataset	Mean RAI
Wild dog	41	0.0949	0.470
Civet	38	0.0880	1.032
Jackal, black-backed	33	0.0764	0.642
Aardwolf	29	0.0671	0.672
Vervet monkey	25	0.0579	0.353
Scrub Hare	24	0.0556	0.668
Mongoose, banded	18	0.0417	0.178
Springhare	18	0.0417	0.527
Bat-eared fox	16	0.0370	0.381
Caracal	15	0.0347	0.260
Bushbuck	10	0.0231	0.061
Jackal, side-striped	10	0.0231	0.233
Genet, large-spotted	7	0.0162	0.206
Bushpig	5	0.0116	0.087
Eland	3	0.0069	0.059
Hyaena, brown	2	0.0046	0.029
Cheetah	2	0.0046	0.029
Striped polecat	2	0.0046	0.057

Lion - *Panthera leo*
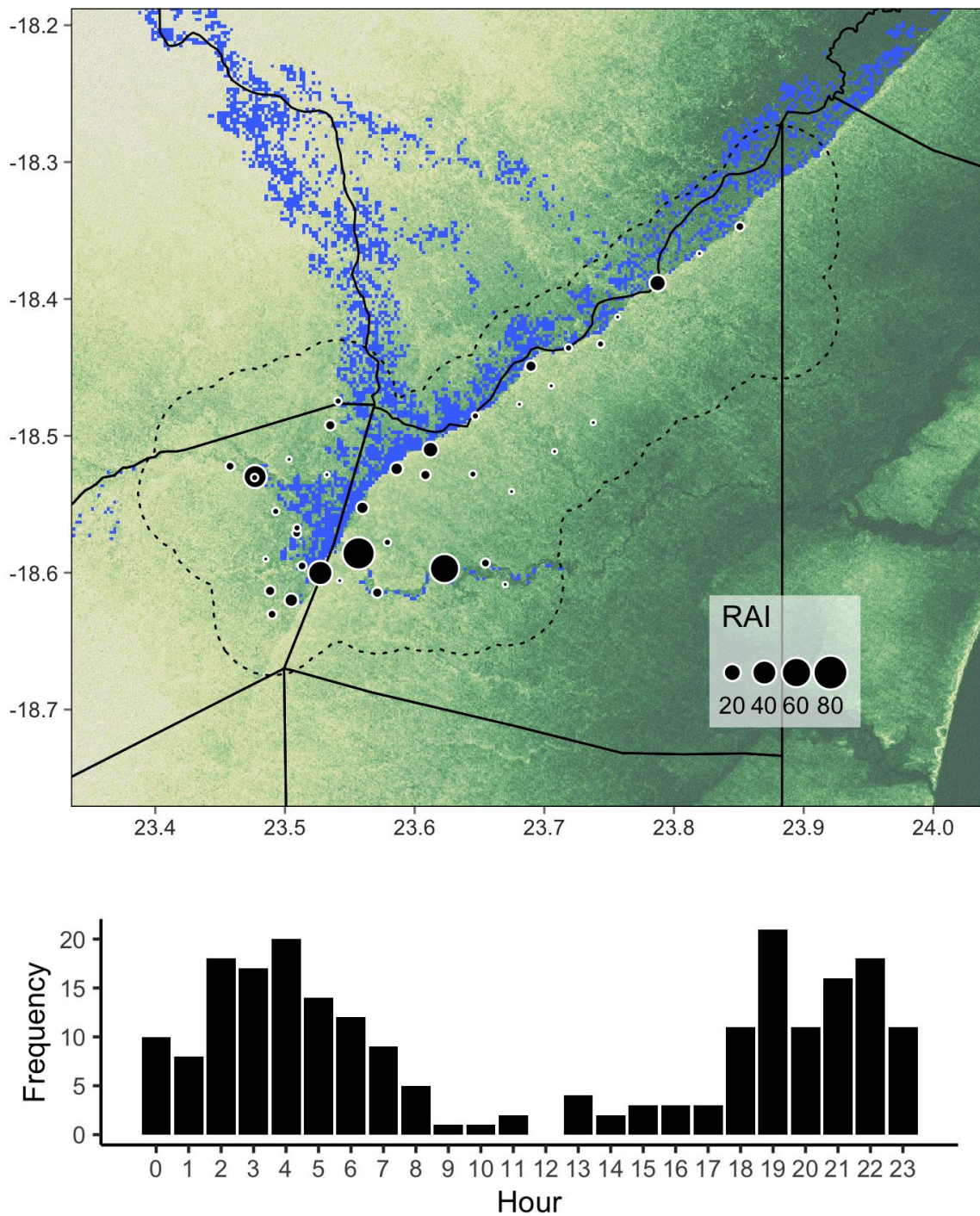
Figure 2. Spatial (top) and diel (bottom) distribution of lion detection events during the Linyanti camera trap surveys.

Leopard - *Panthera pardus*
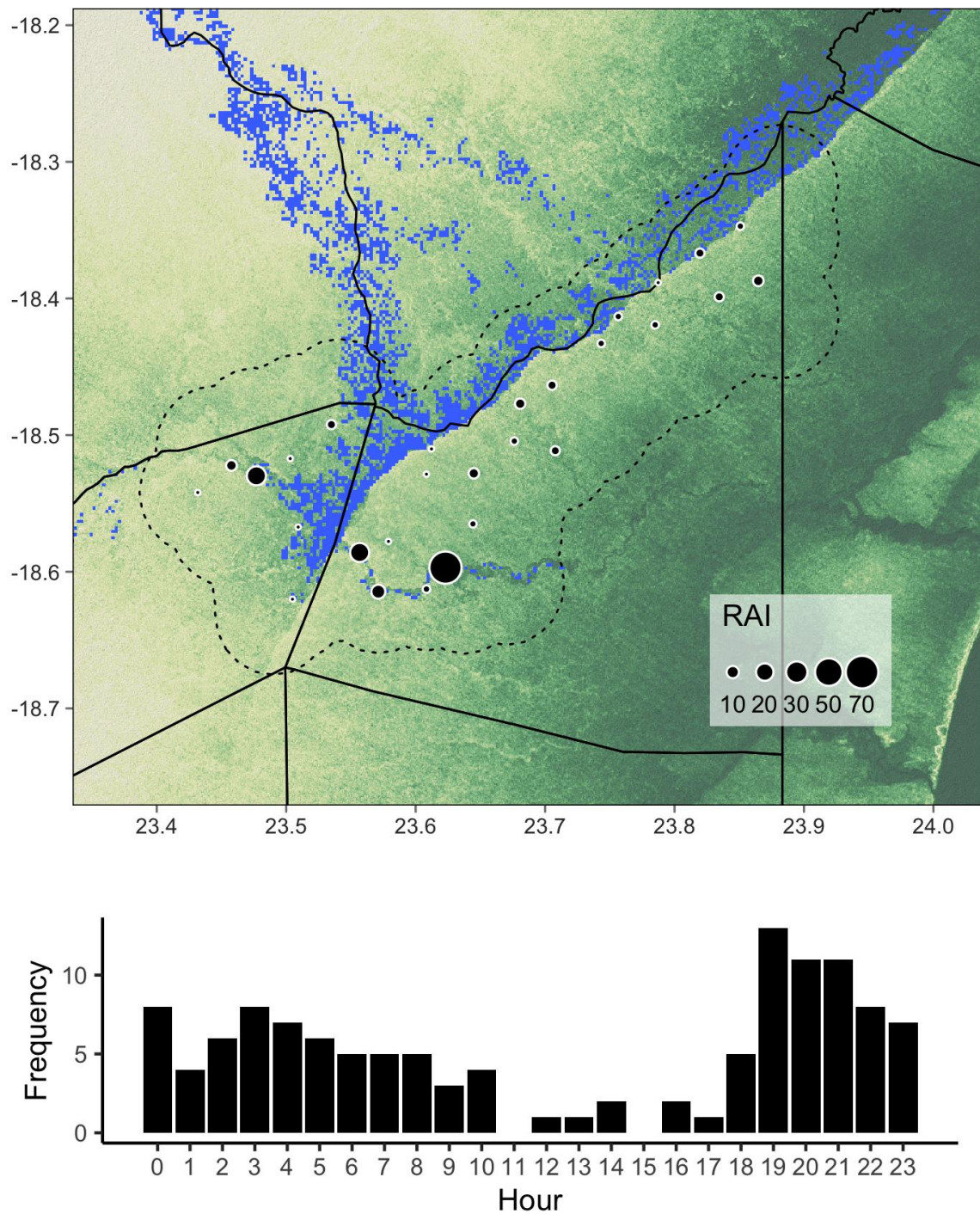
Figure 3. Spatial (top) and diel (bottom) distribution of leopard detection events during the Linyanti camera trap surveys.
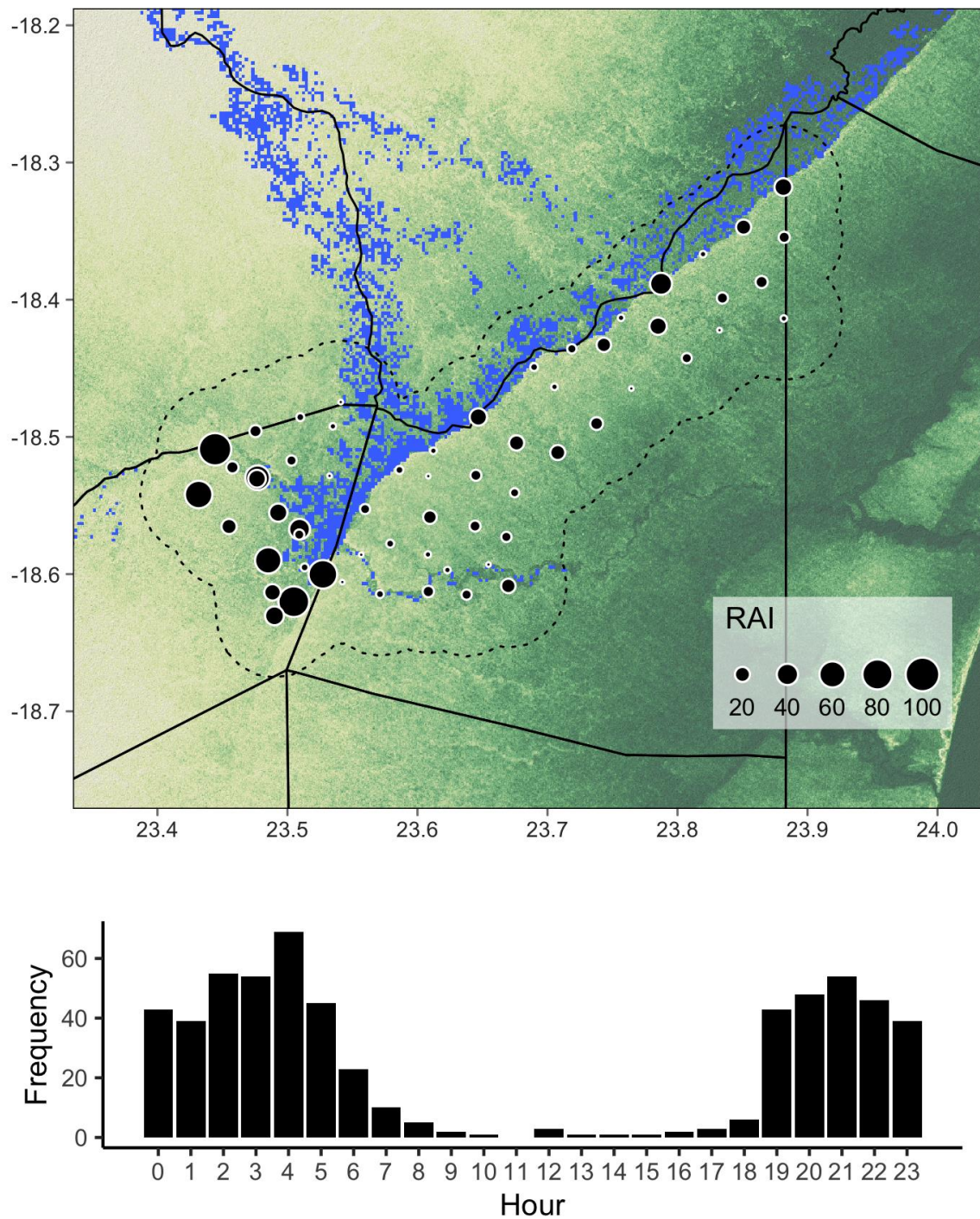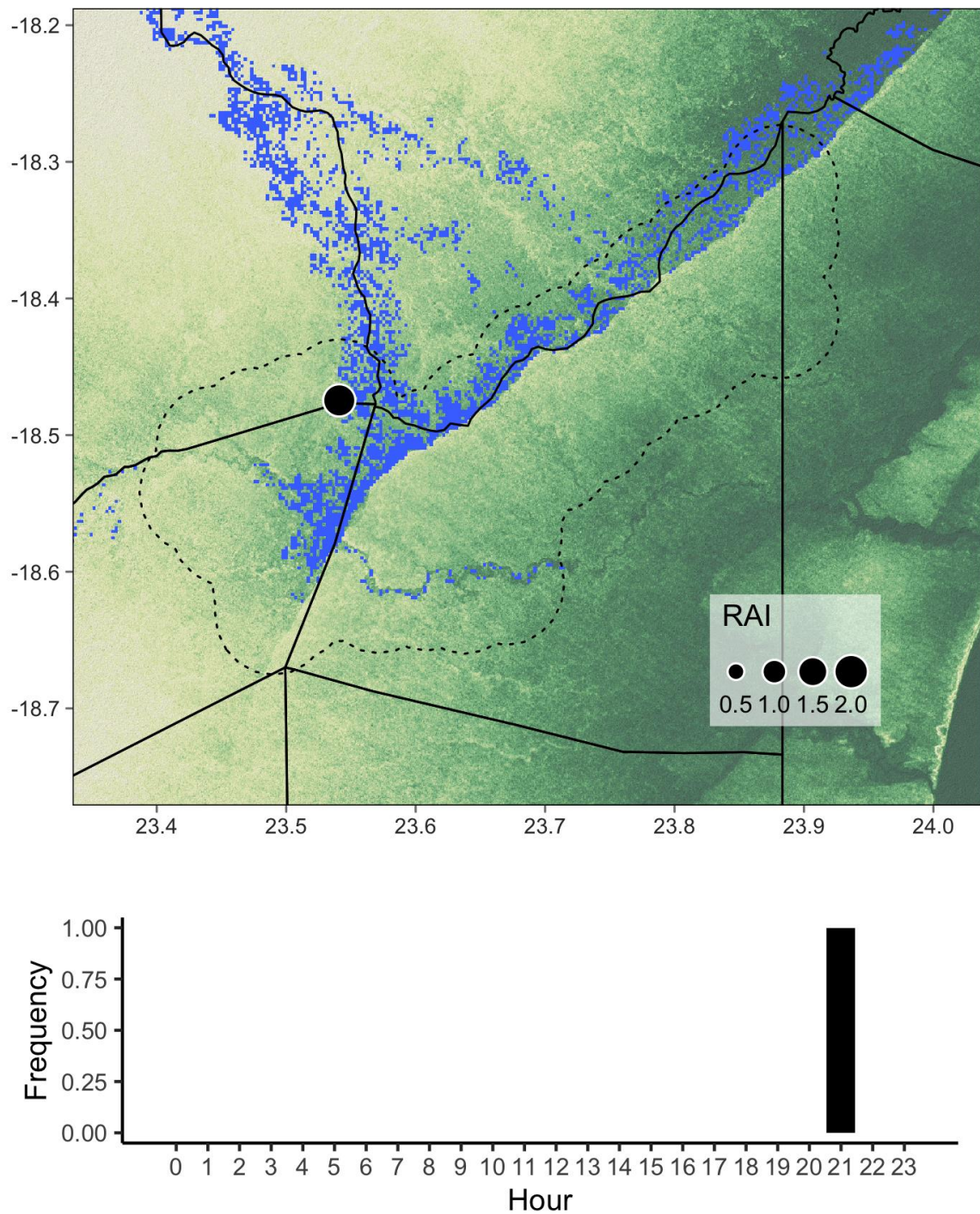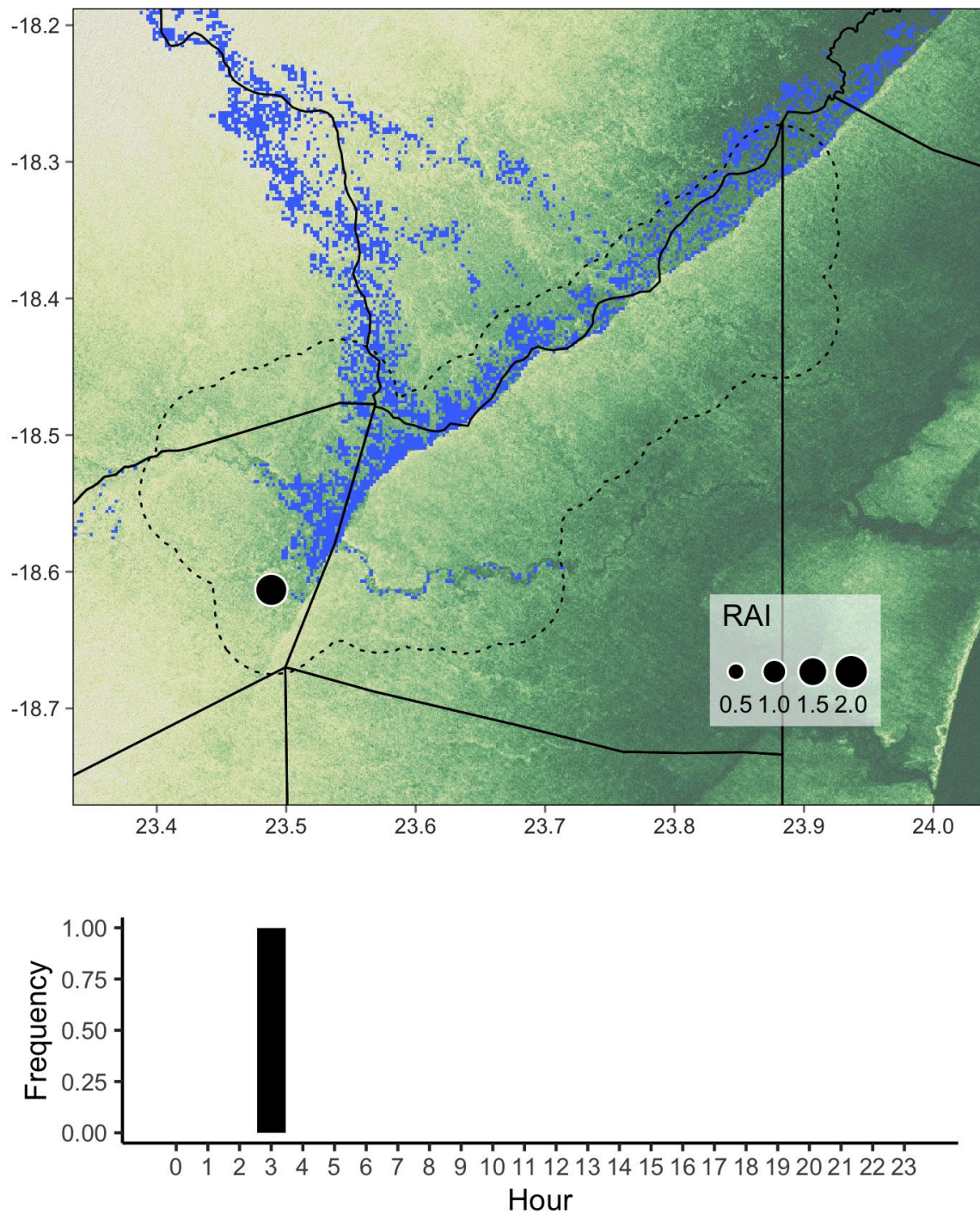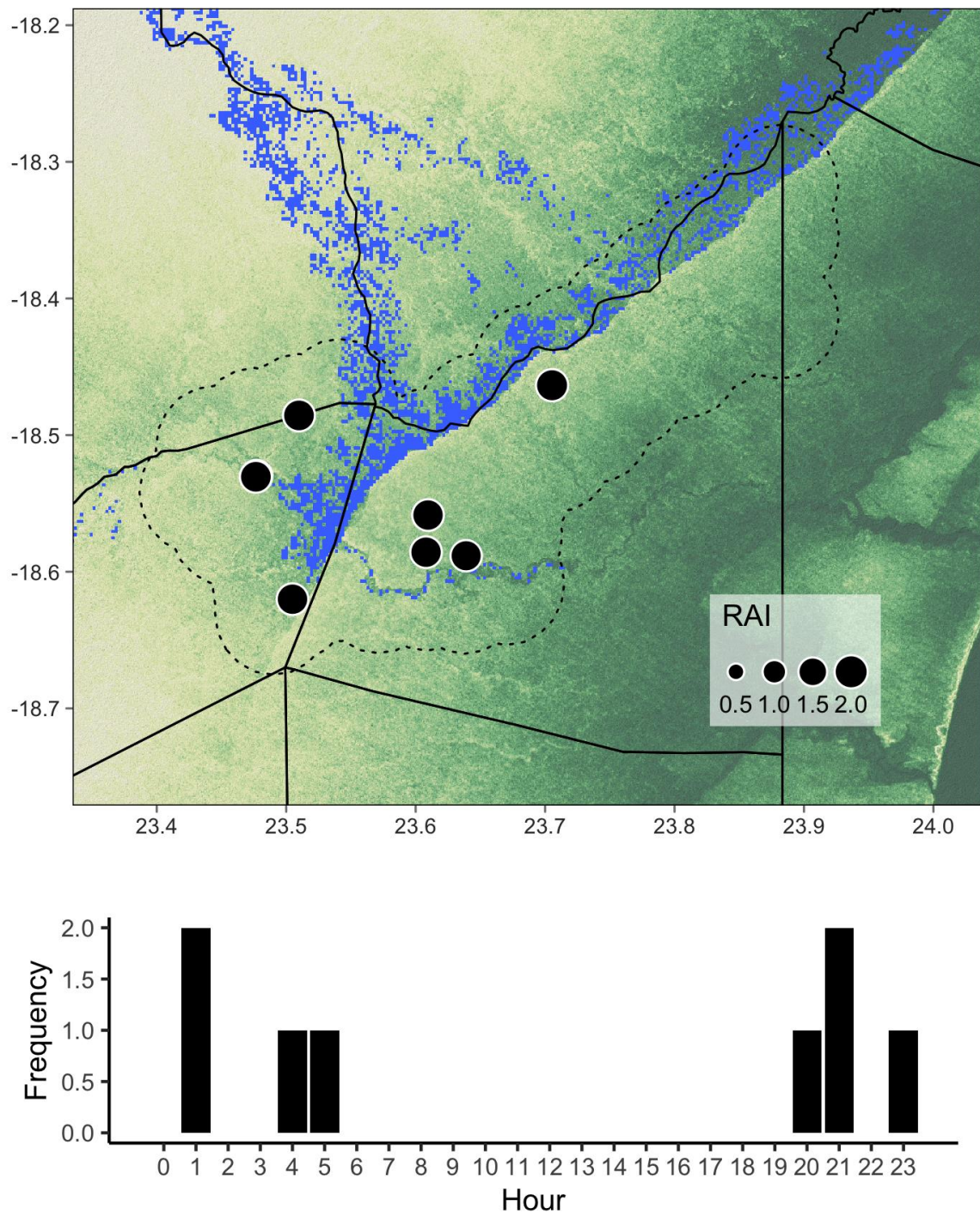
Hyaena, spotted - *Crocuta crocuta*

Figure 4. Spatial (top) and diel (bottom) distribution of spotted hyaena detection events during the Linyanti camera trap surveys.

Hyaena, brown - *Hyaena brunnea*

Figure 5. Spatial (top) and diel (bottom) distribution of brown hyaena detection events during the Linyanti camera trap surveys.

Cheetah - *Acinonyx jubatus*

Figure 6. Spatial (top) and diel (bottom) distribution of cheetah detection events during the Linyanti camera trap surveys.
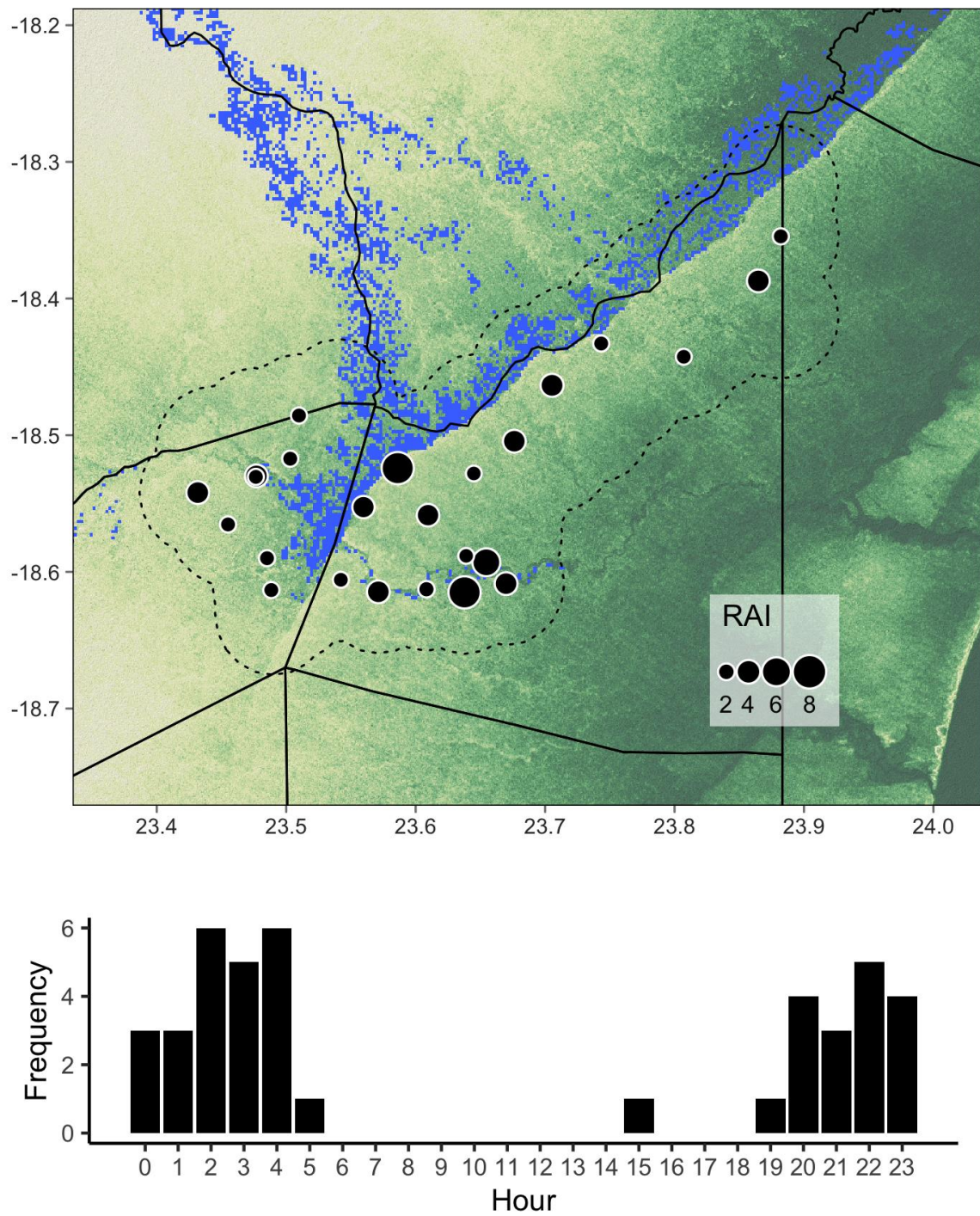
Wild dog - *Lycaon pictus*
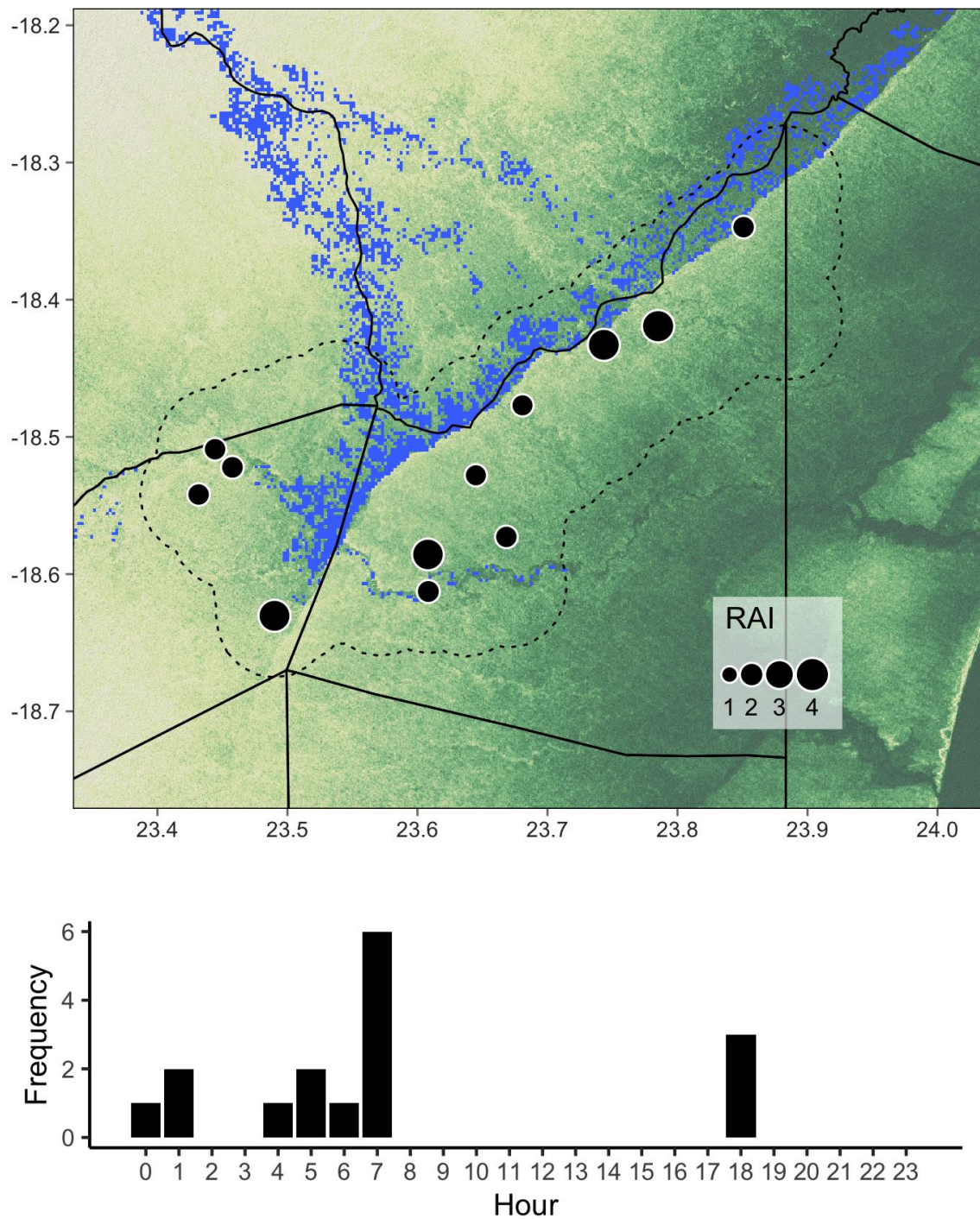
Figure 7. Spatial (top) and diel (bottom) distribution of wild dog detection events during the Linyanti camera trap surveys.

Aardwolf - *Proteles cristata*
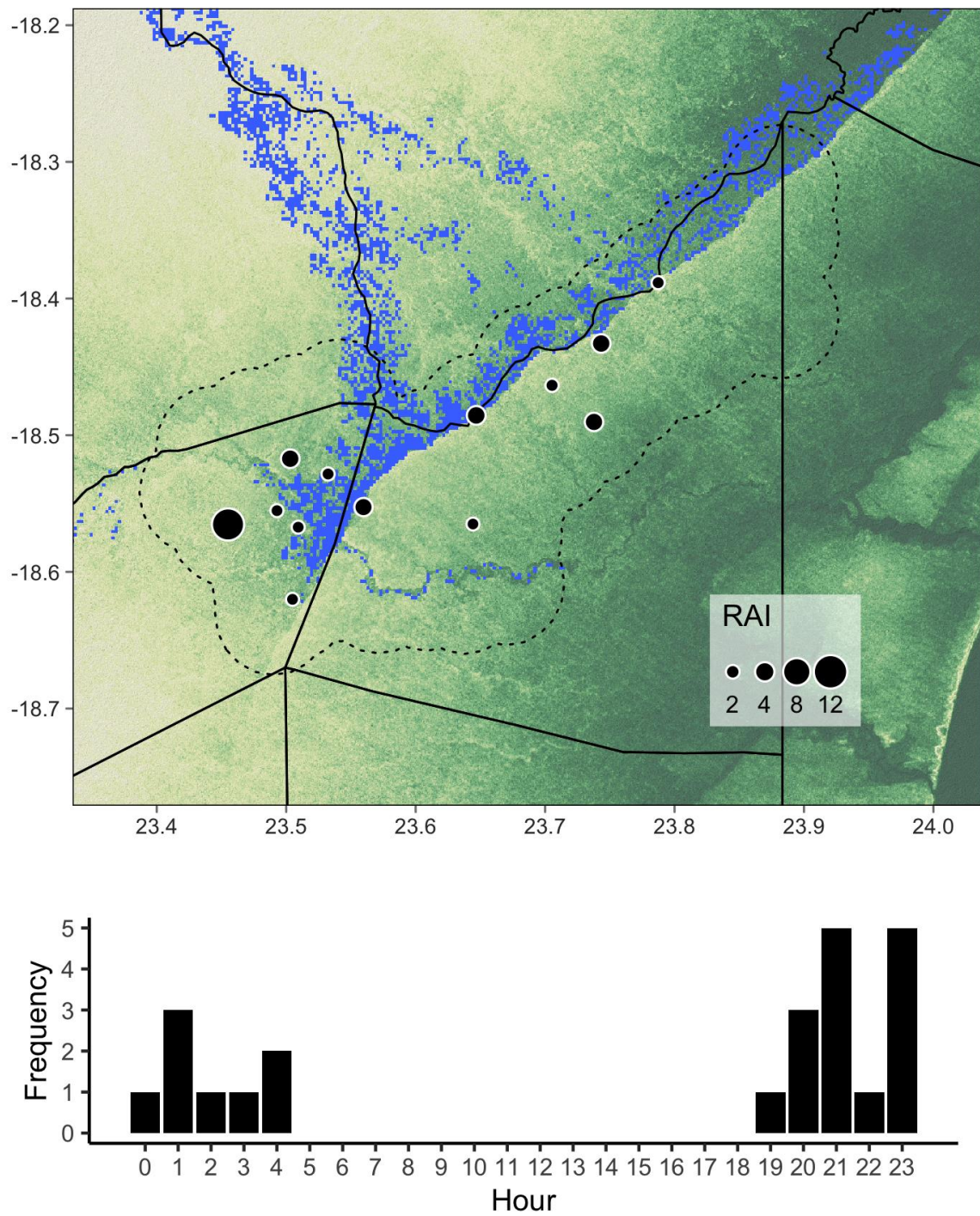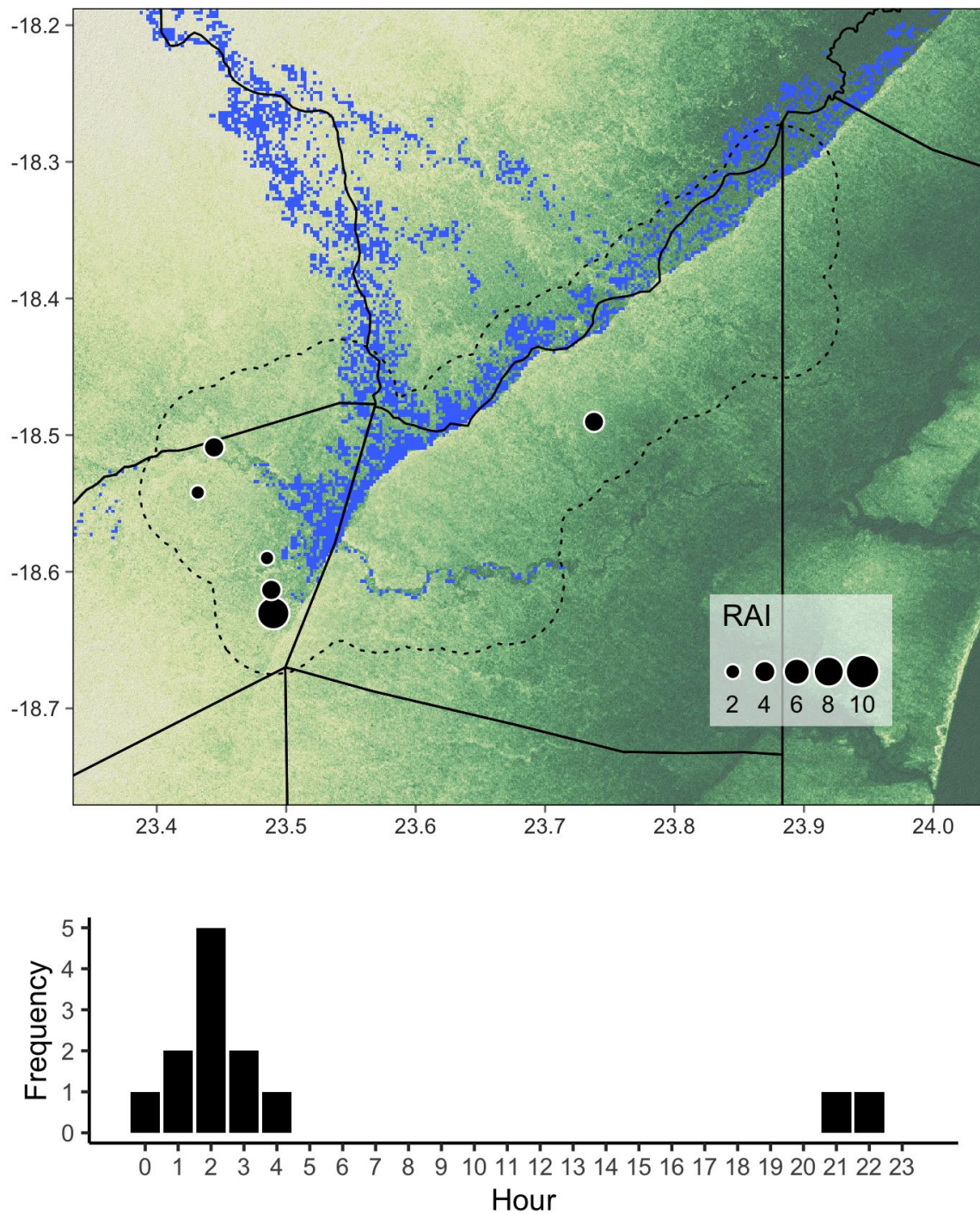

Figure 8. Spatial (top) and diel (bottom) distribution of aardwolf detection events during the Linyanti camera trap surveys.

Jackal, black-backed - *Lupulella mesomelas*
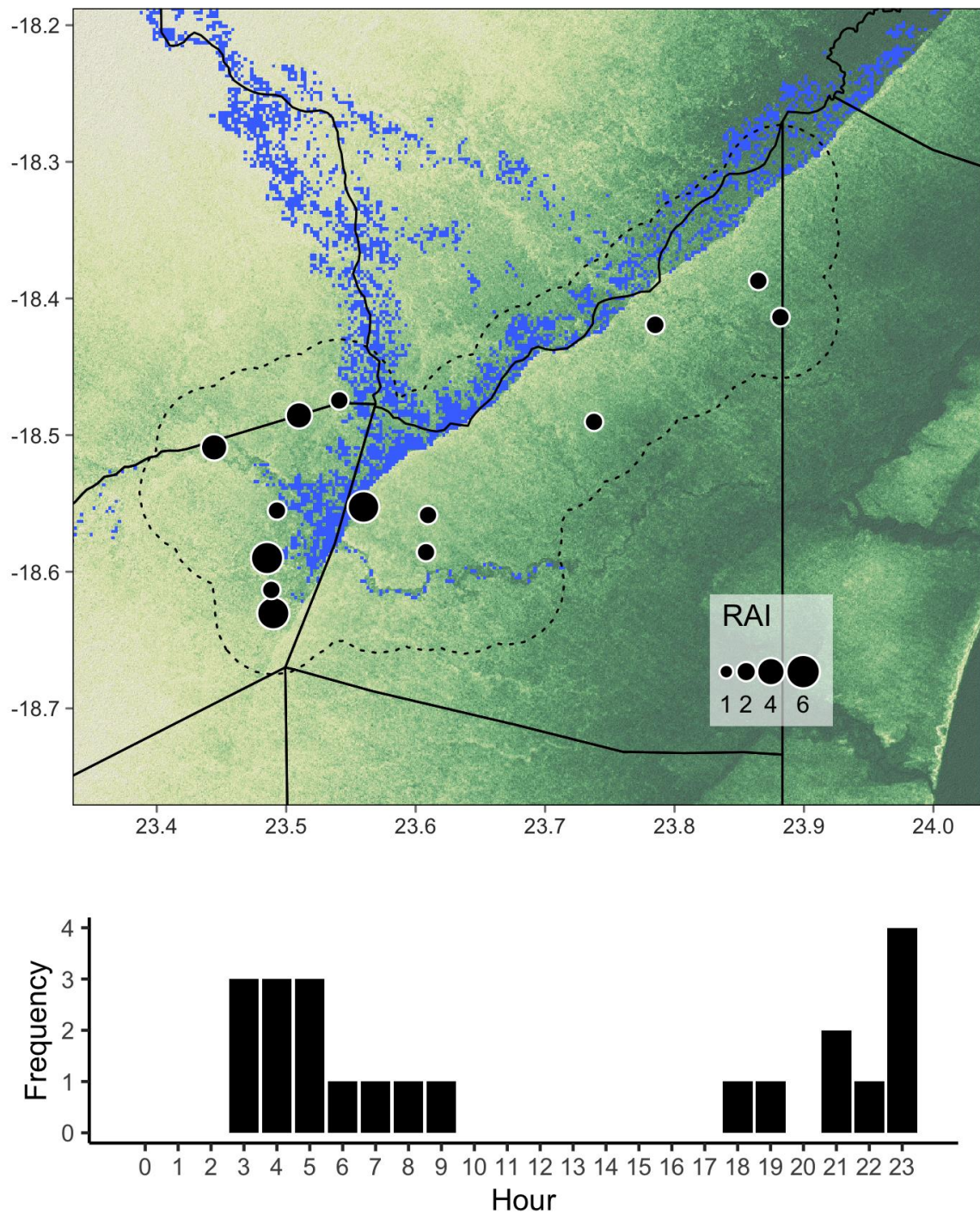
Figure 9. Spatial (top) and diel (bottom) distribution of black-backed jackal detection events during the Linyanti camera trap surveys.

Jackal, side-striped - *Lupulella adusta*

Figure 10. Spatial (top) and diel (bottom) distribution of side-striped jackal detection events during the Linyanti camera trap surveys.

Wildcat - *Felis lybica*

Figure 11. Spatial (top) and diel (bottom) distribution of wildcat detection events during the Linyanti camera trap surveys.
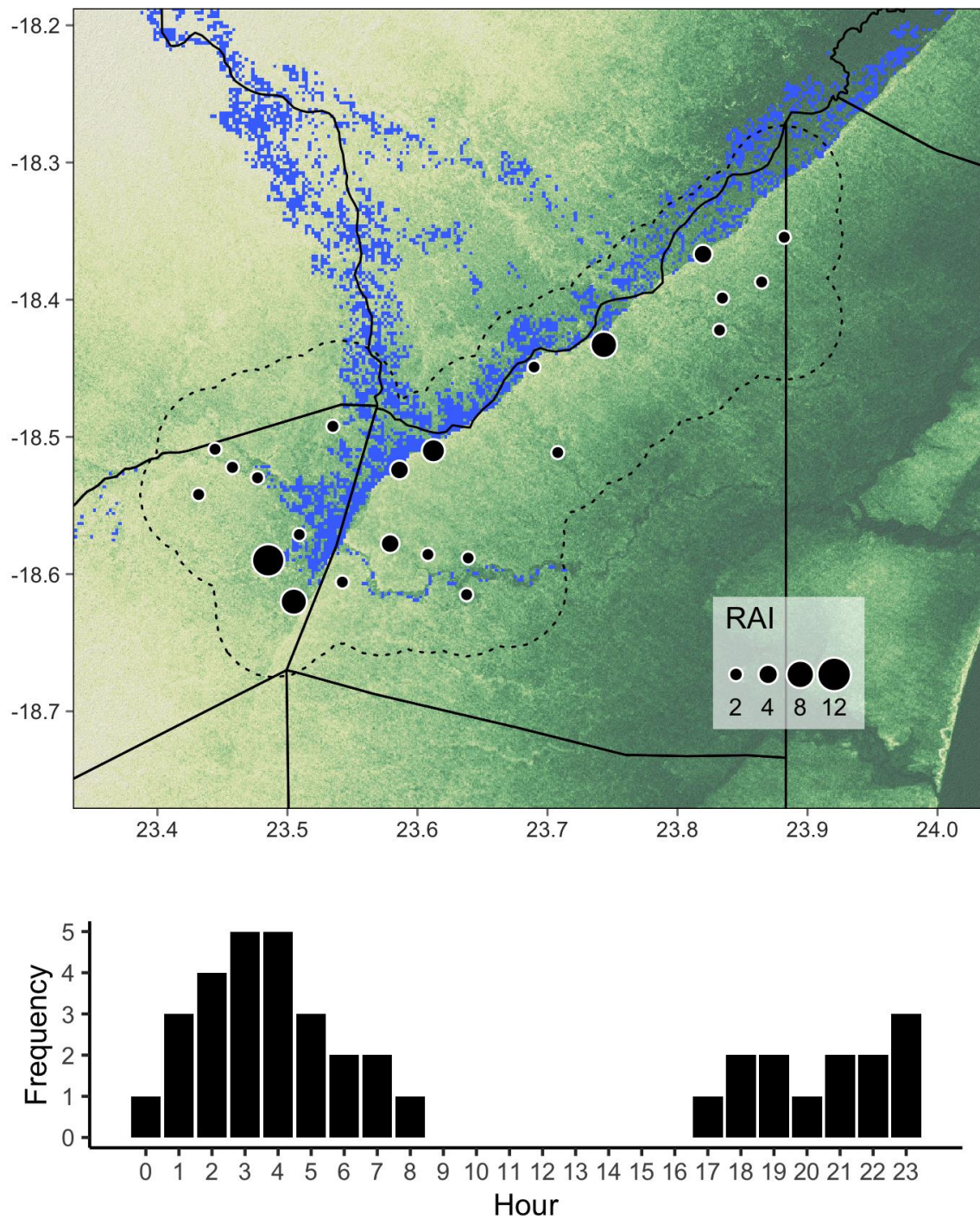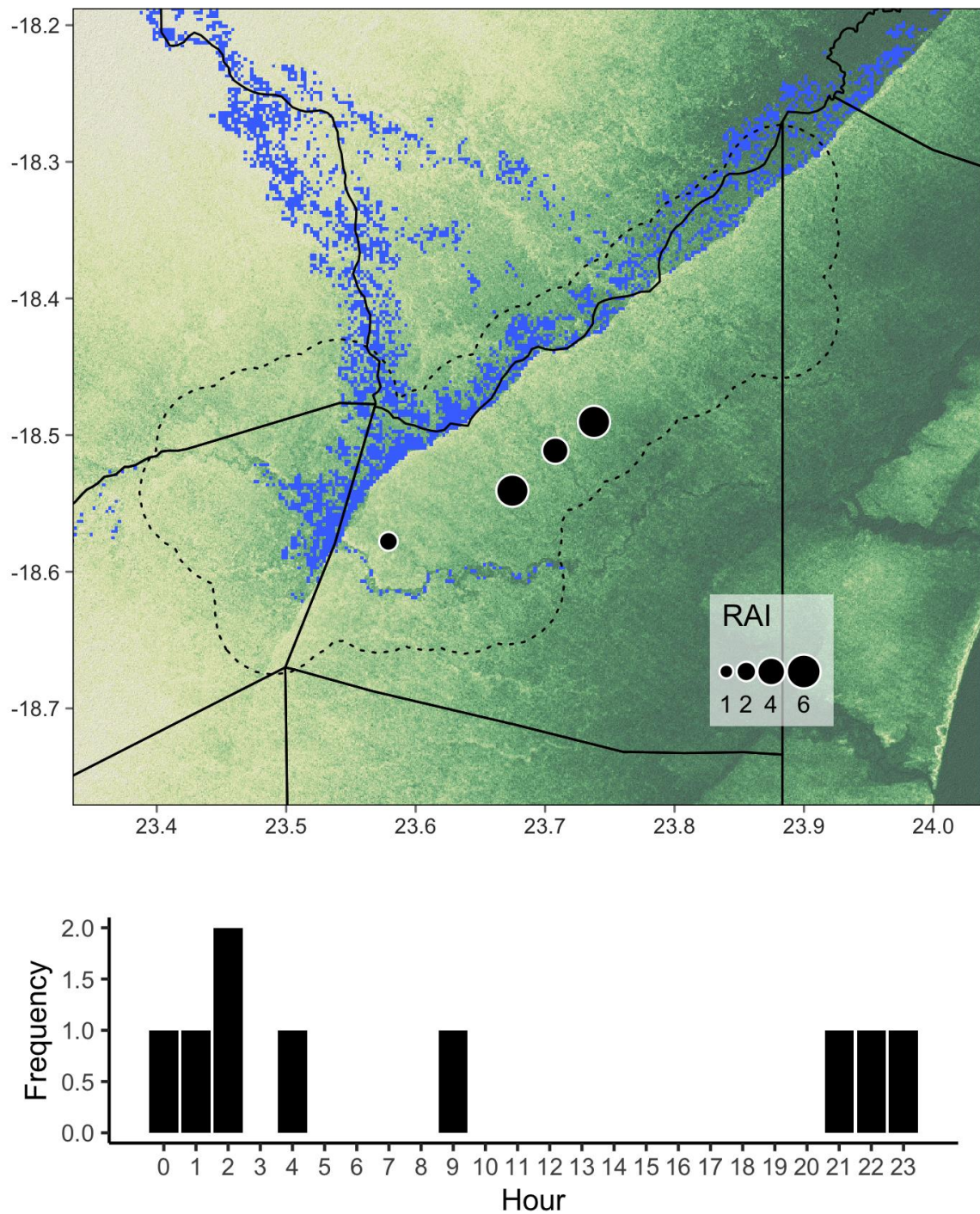
Serval - *Leptailurus serval*
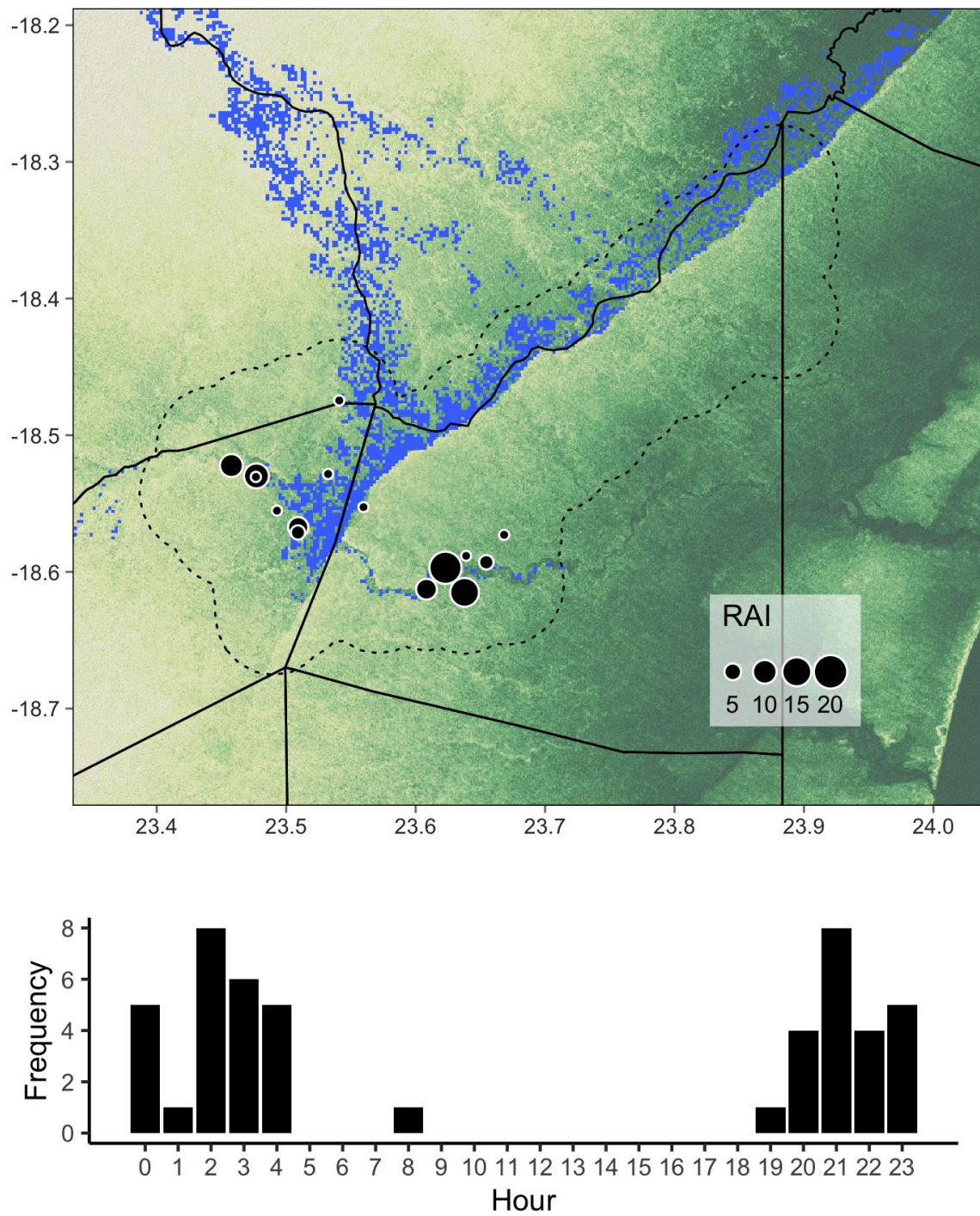
Figure 12. Spatial (top) and diel (bottom) distribution of serval detection events during the Linyanti camera trap surveys.
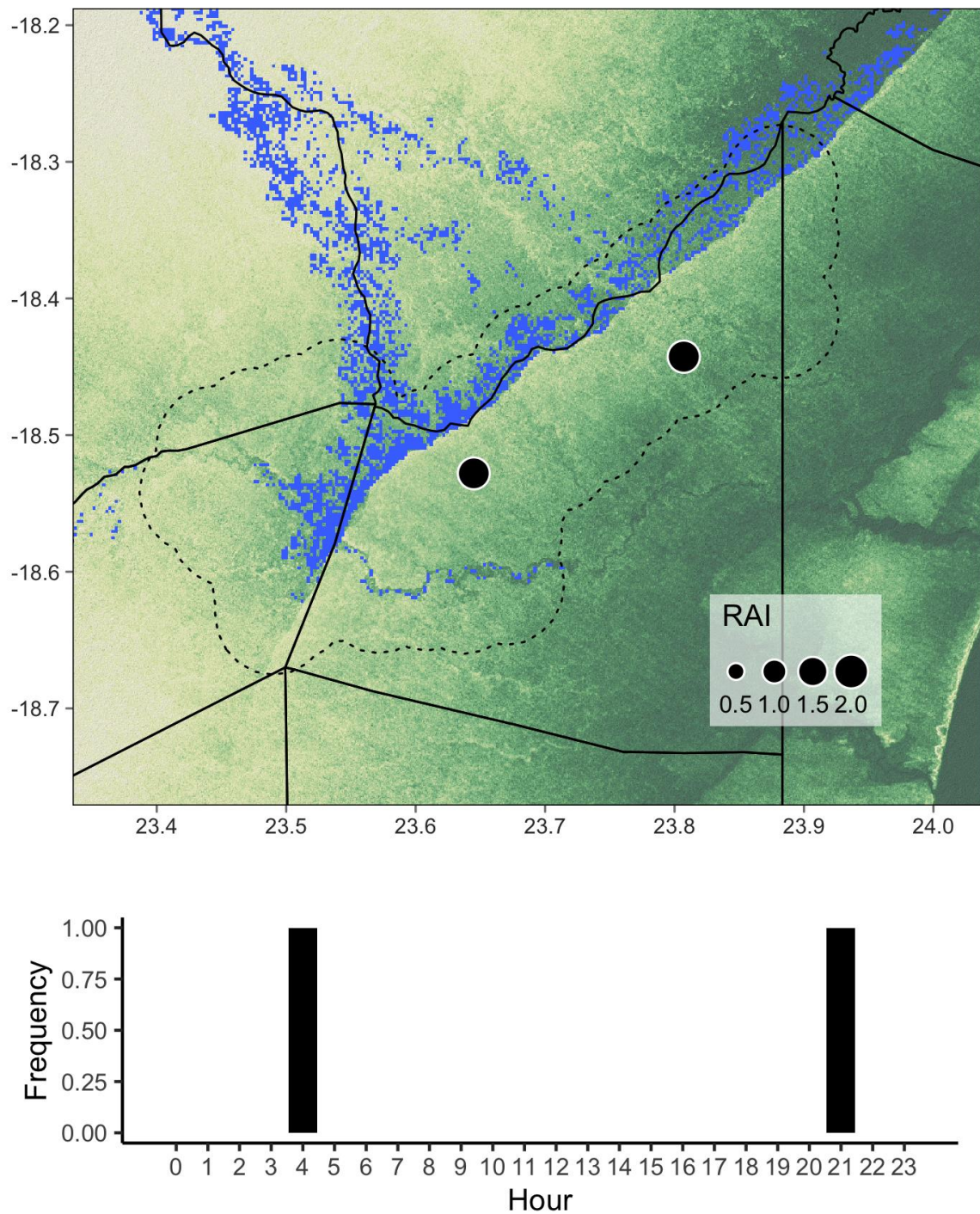
Civet - *Civettictis civetta*
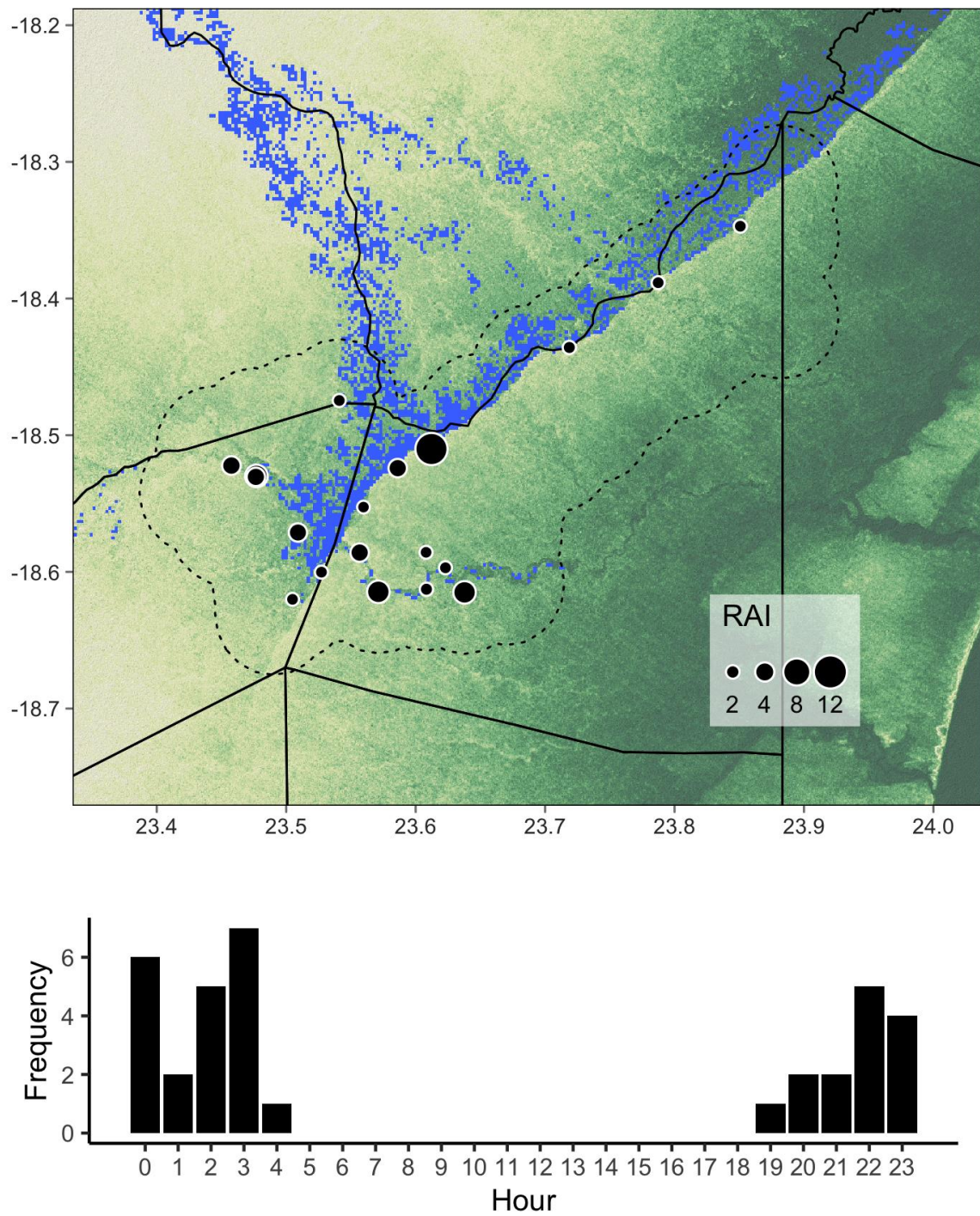
Figure 13. Spatial (top) and diel (bottom) distribution of civet detection events during the Linyanti camera trap surveys.

Bat-eared fox - *Otocyon megalotis*

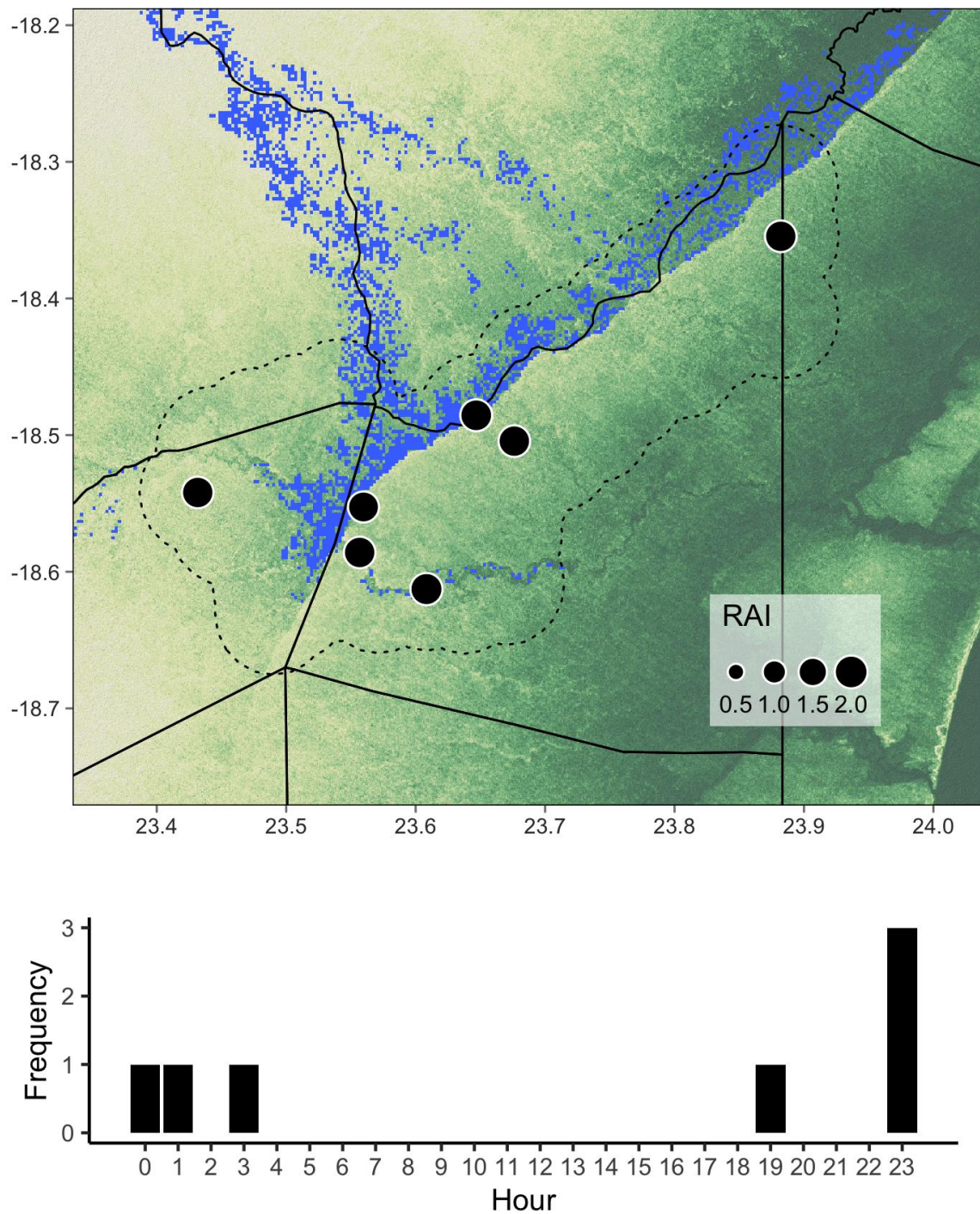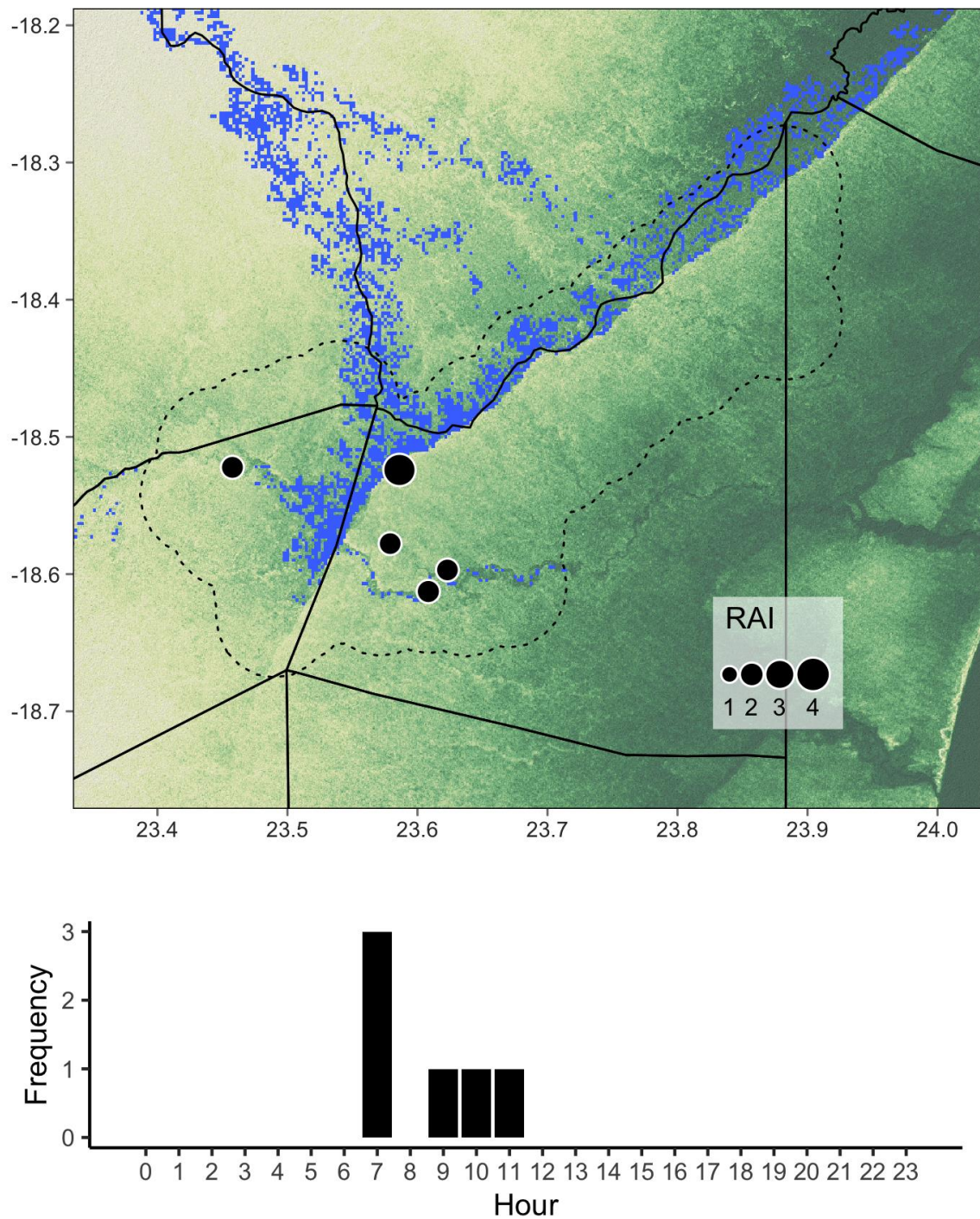Figure 14. Spatial (top) and diel (bottom) distribution of bat-eared fox detection events during the Linyanti camera trap surveys.

Honey badger - *Mellivora capensis*

Figure 15. Spatial (top) and diel (bottom) distribution of honey badger detection events during the Linyanti camera trap surveys.

Caracal - *Caracal caracal*
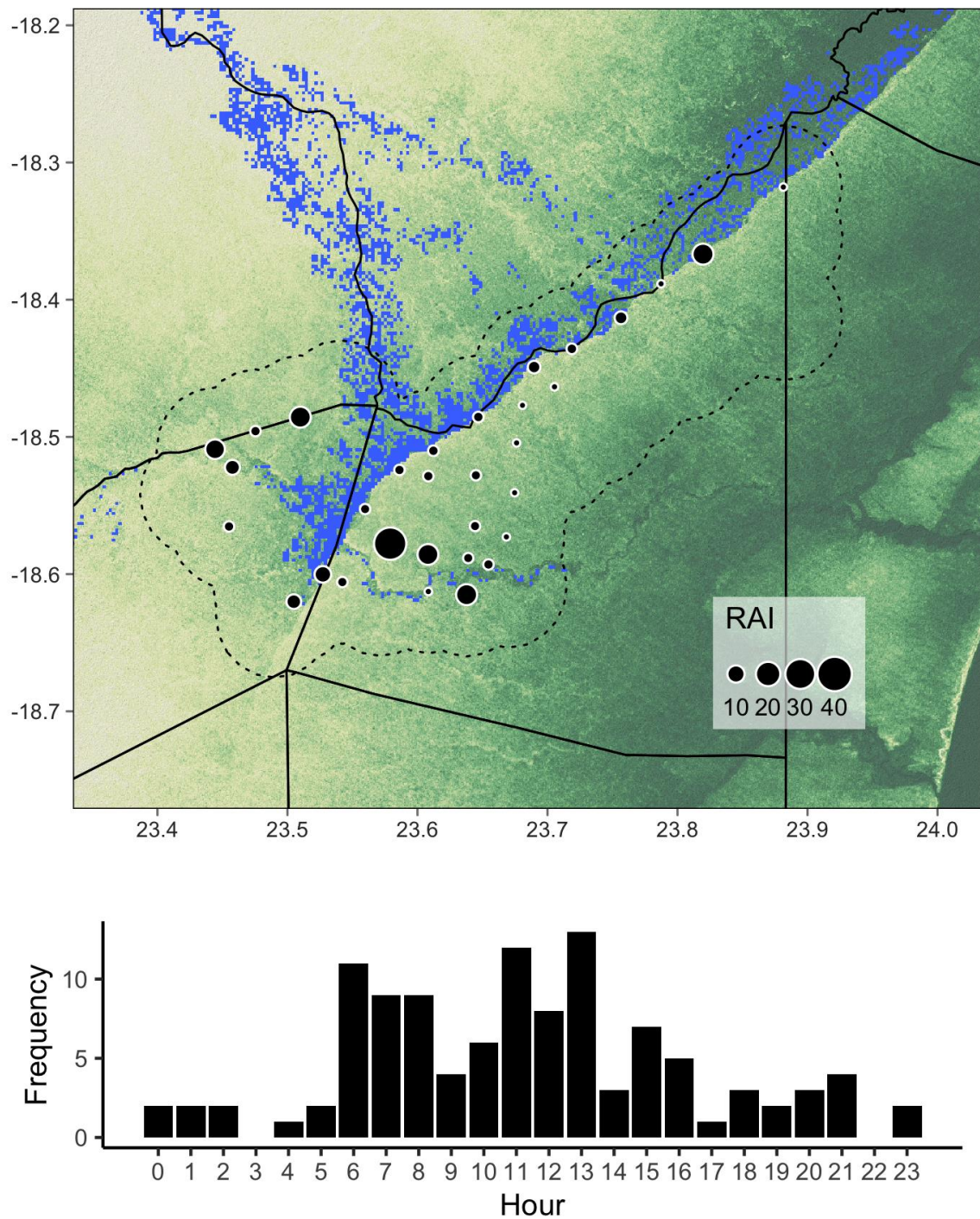

Figure 16. Spatial (top) and diel (bottom) distribution of caracal detection events during the Linyanti camera trap surveys.

Striped polecat - *Ictonyx striatus*

Figure 17. Spatial (top) and diel (bottom) distribution of striped polecat detection events during the Linyanti camera trap surveys.

Genet, large-spotted - *Genetta tigrina*

Figure 18. Spatial (top) and diel (bottom) distribution of large-spotted genet detection events during the Linyanti camera trap surveys.

Mongoose, banded - *Mungos mungo*

Figure 19. Spatial (top) and diel (bottom) distribution of banded mongoose detection events during the Linyanti camera trap surveys.

Wildebeest - *Connochaetes taurinus*
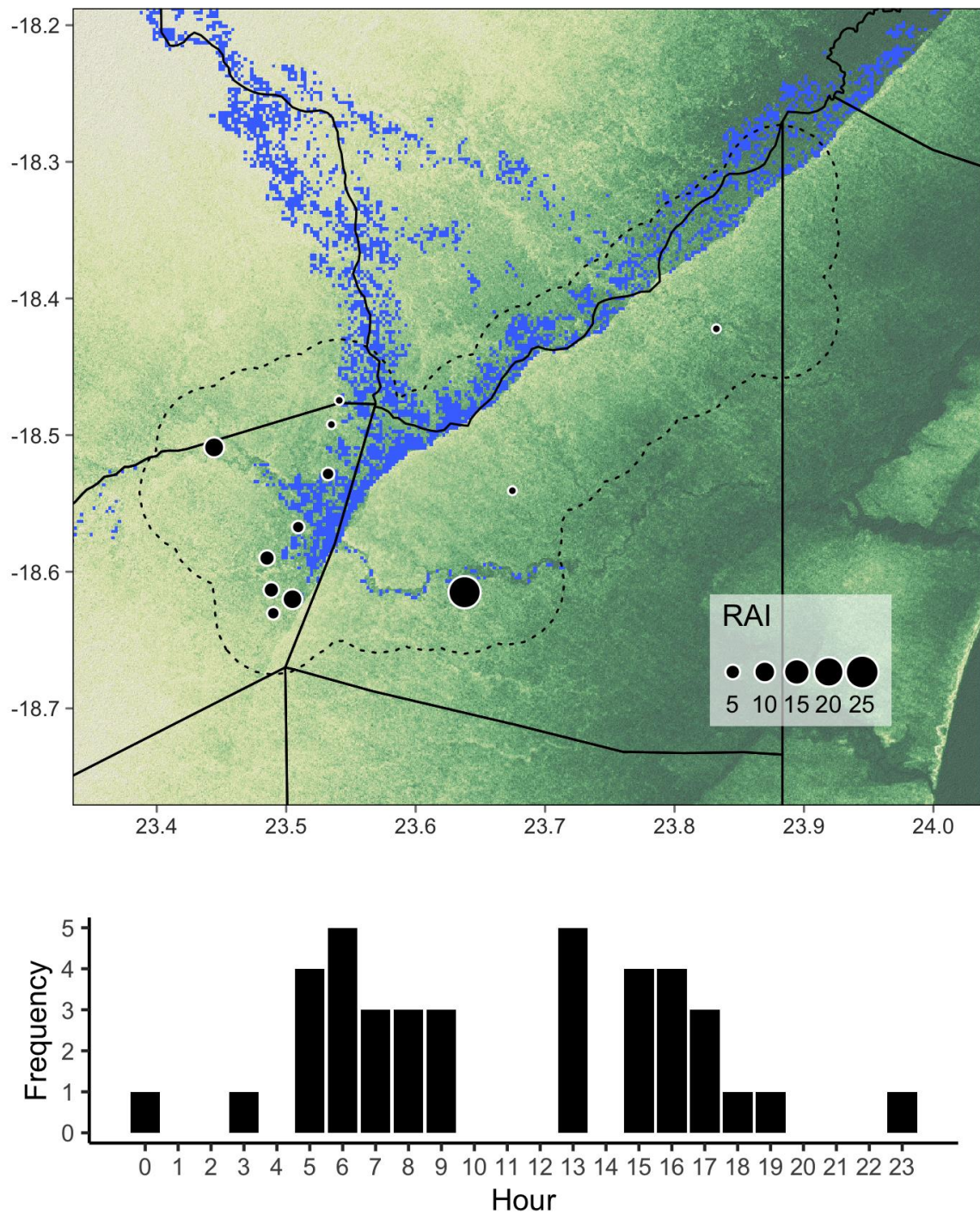
Figure 20. Spatial (top) and diel (bottom) distribution of wildebeest detection events during the Linyanti camera trap surveys.
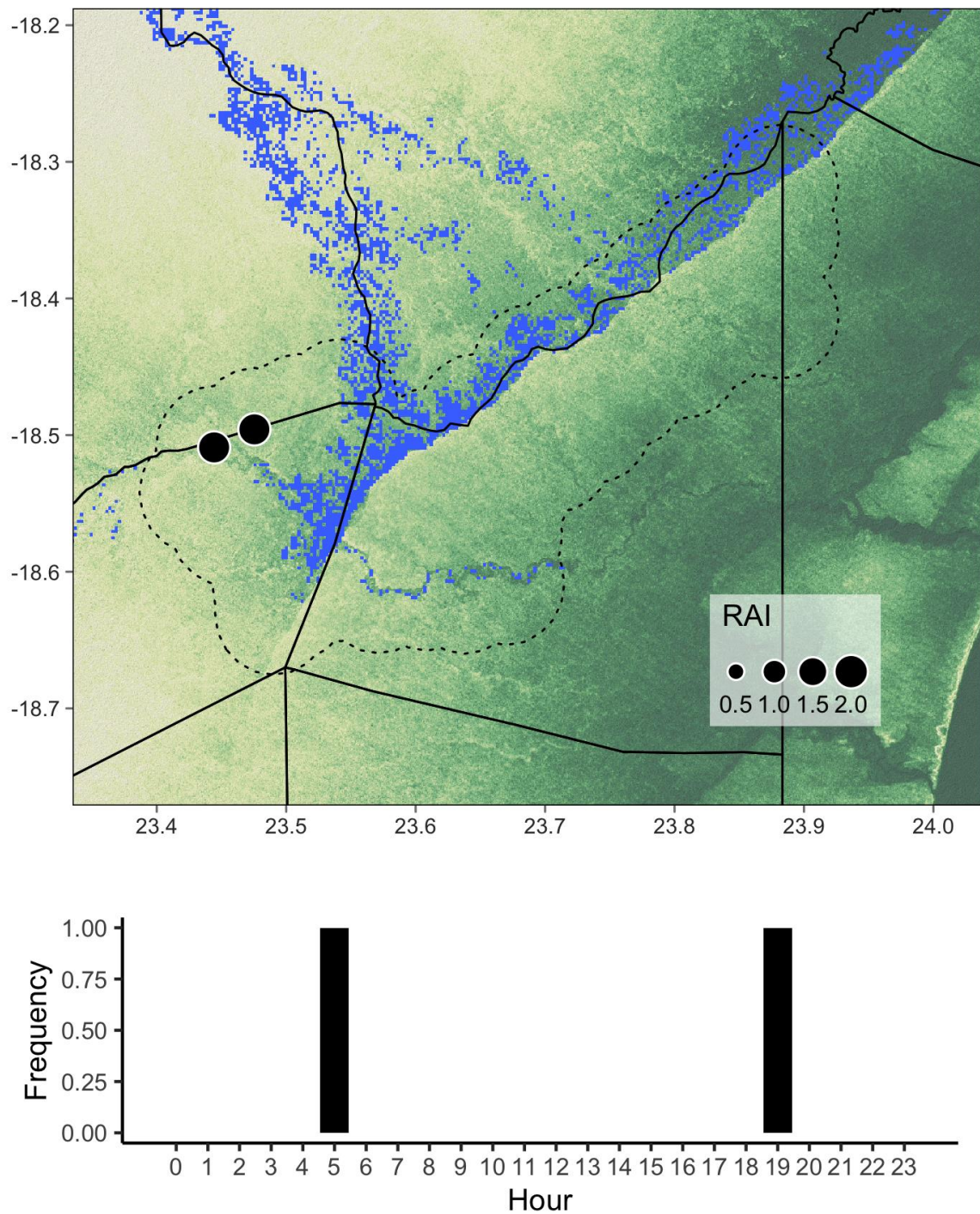
Kudu - *Tragelaphus strepsiceros*

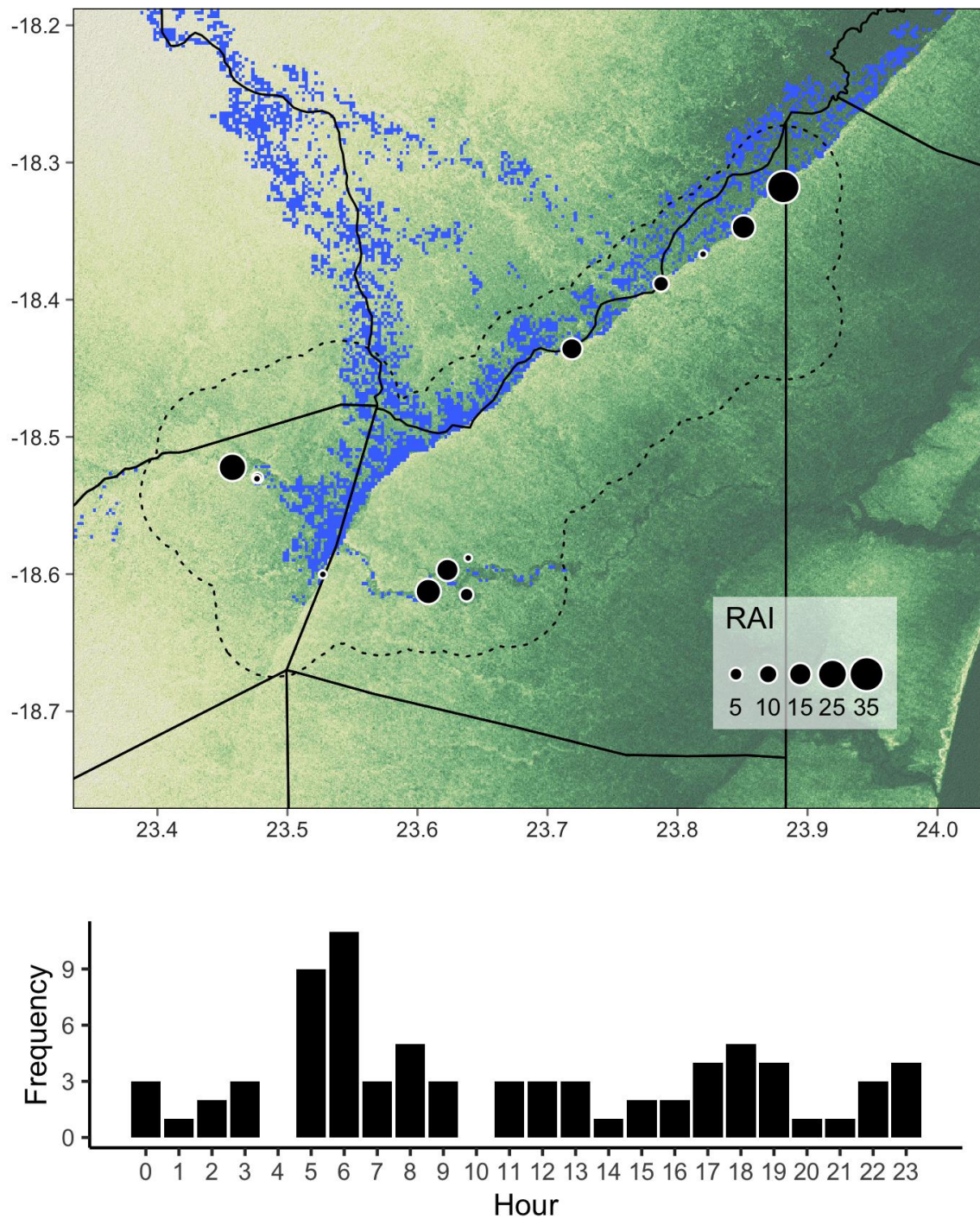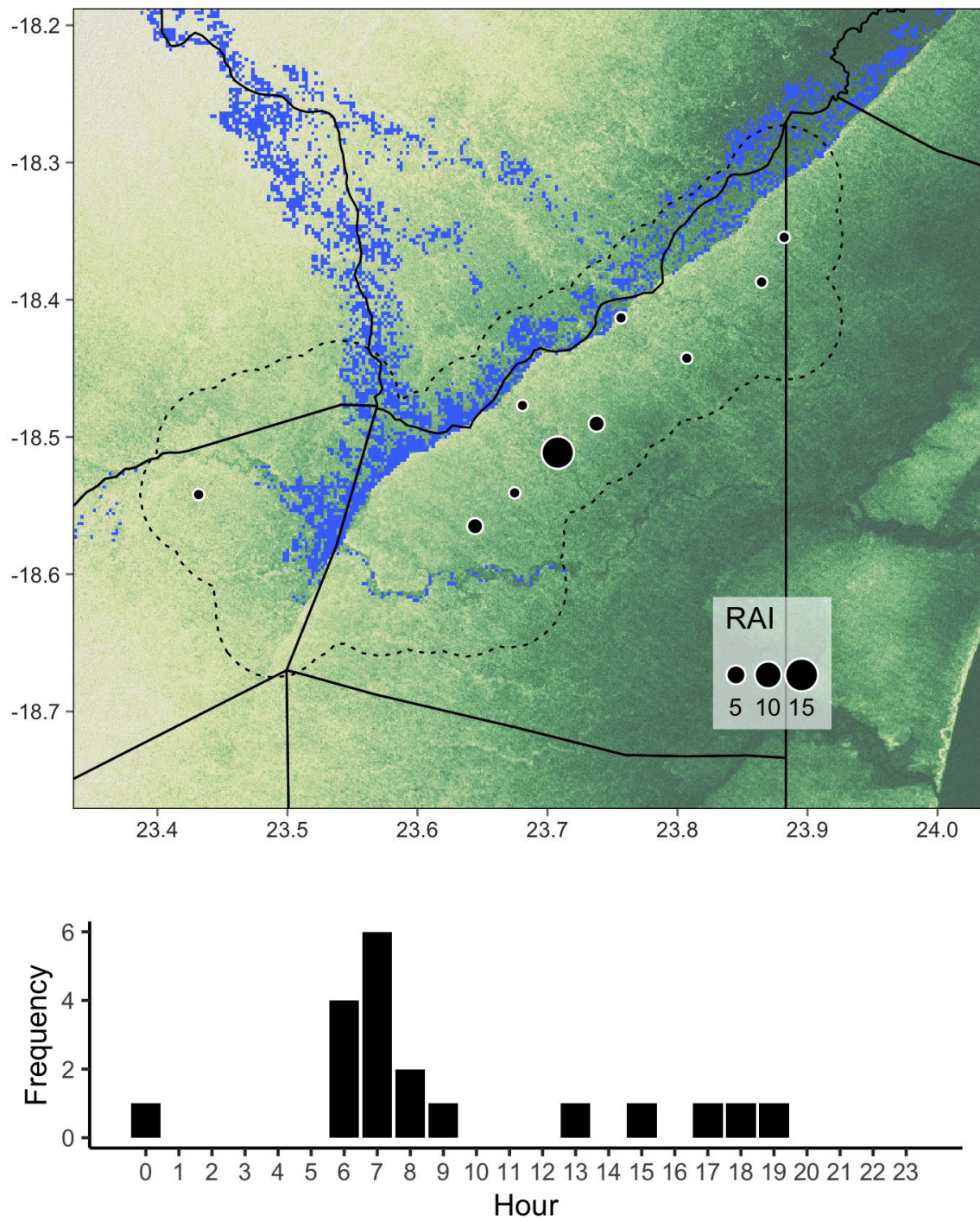

Figure 21. Spatial (top) and diel (bottom) distribution of kudu detection events during the Linyanti camera trap surveys.

Eland - *Tragelaphus oryx*

Figure 22. Spatial (top) and diel (bottom) distribution of eland detection events during the Linyanti camera trap surveys.

Waterbuck - *Kobus ellipsiprymnus*

Figure 23. Spatial (top) and diel (bottom) distribution of waterbuck detection events during the Linyanti camera trap surveys.
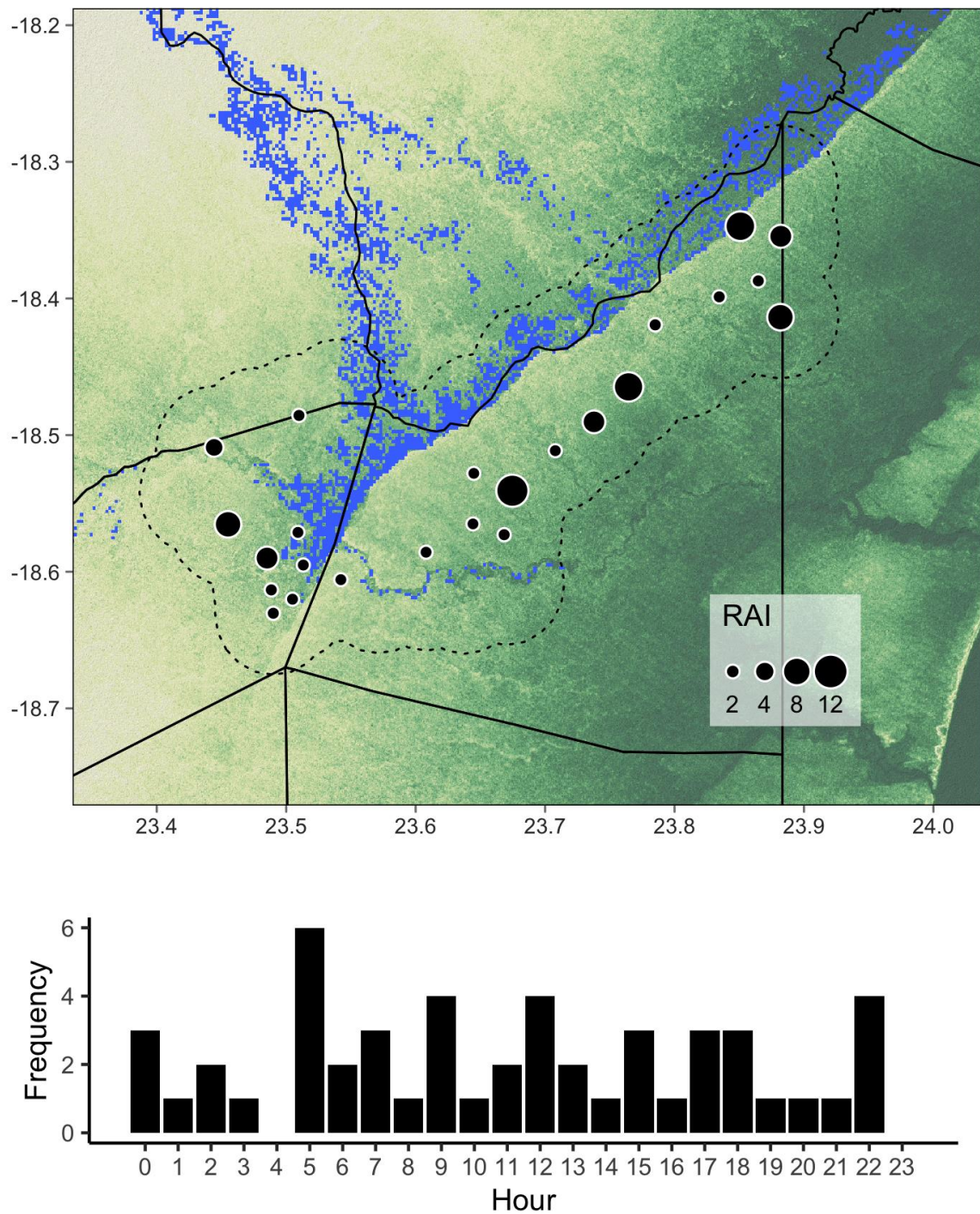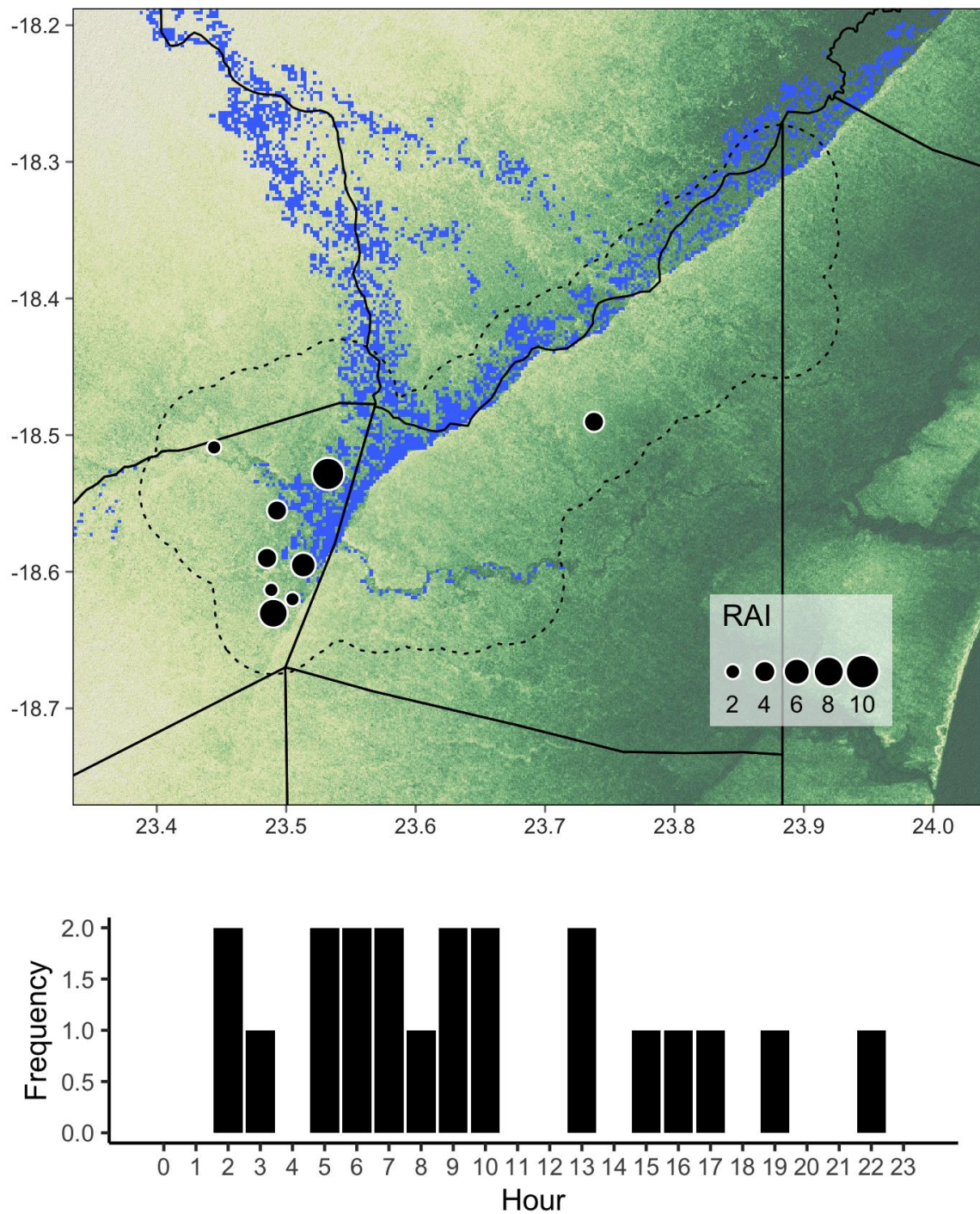
Sable - *Hippotragus niger*

Figure 24. Spatial (top) and diel (bottom) distribution of sable detection events during the Linyanti camera trap surveys.

Roan - *Hippotragus equinus*

Figure 25. Spatial (top) and diel (bottom) distribution of roan detection events during the Linyanti camera trap surveys.

Tsessebe - *Damaliscus lunatus*

Figure 26. Spatial (top) and diel (bottom) distribution of tsessebe detection events during the Linyanti camera trap surveys.
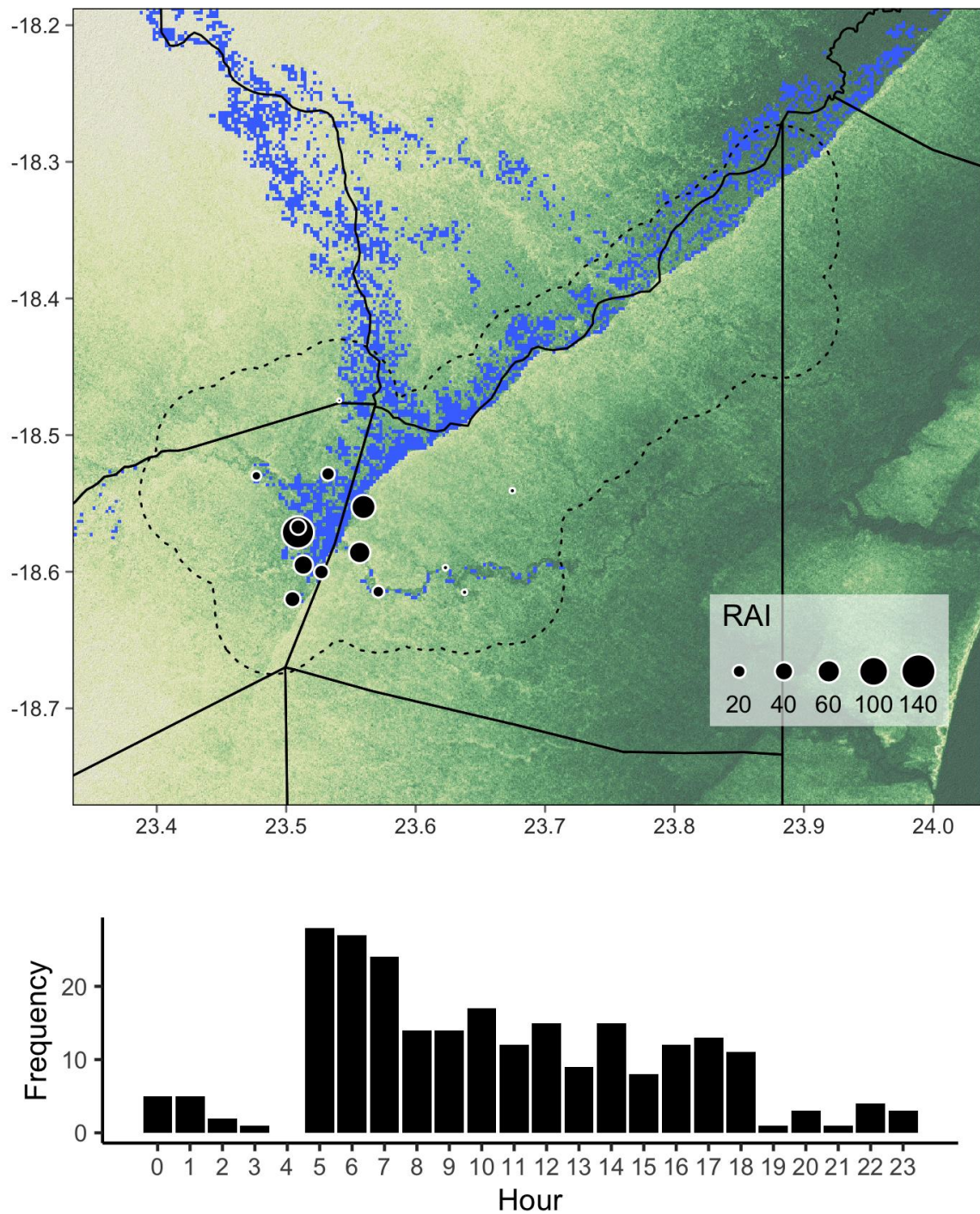
Lechwe - *Kobus leche*

Figure 27. Spatial (top) and diel (bottom) distribution of lechwe detection events during the Linyanti camera trap surveys.
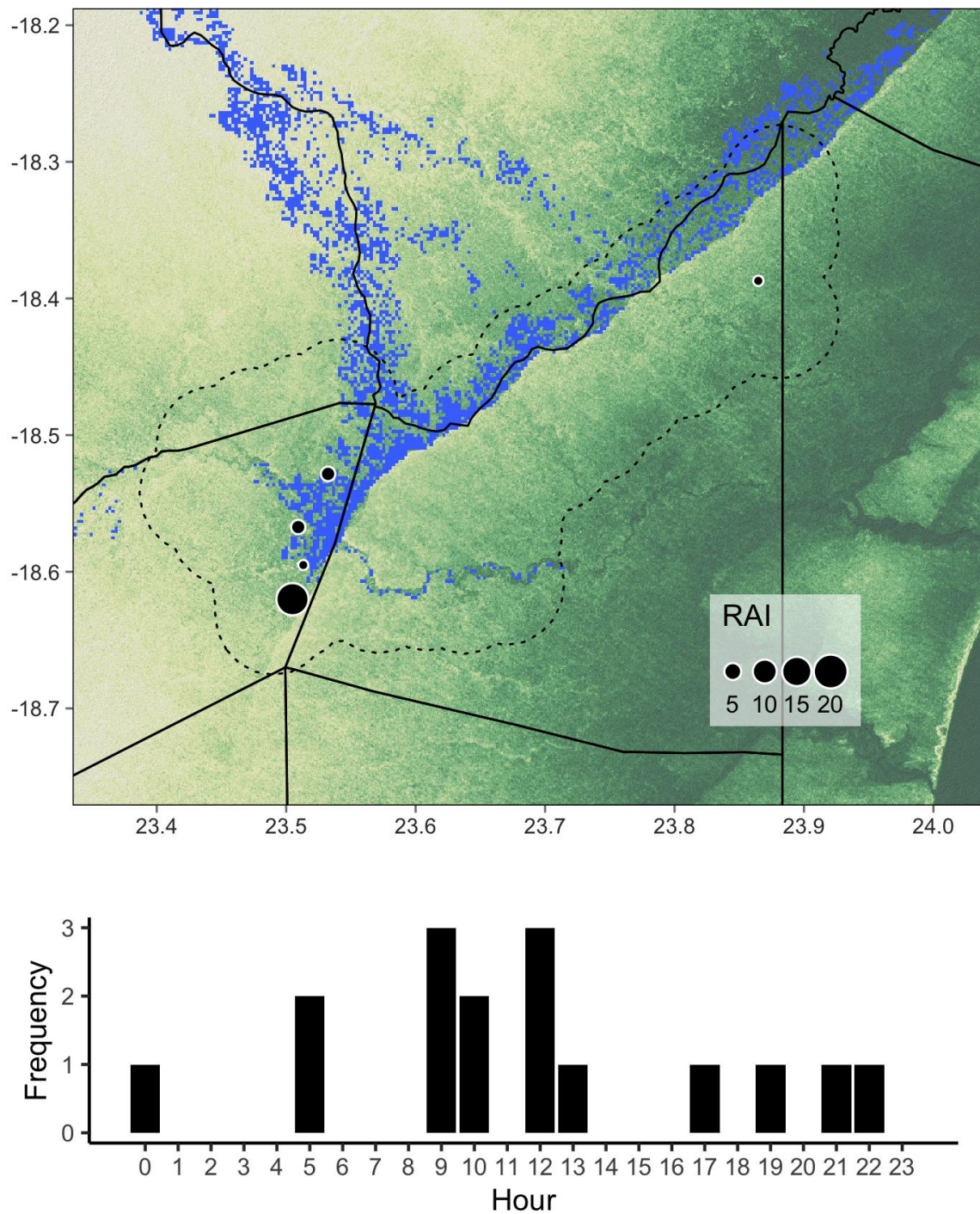
Reedbuck - *Redunca arundinum*

Figure 28. Spatial (top) and diel (bottom) distribution of reedbuck detection events during the Linyanti camera trap surveys.
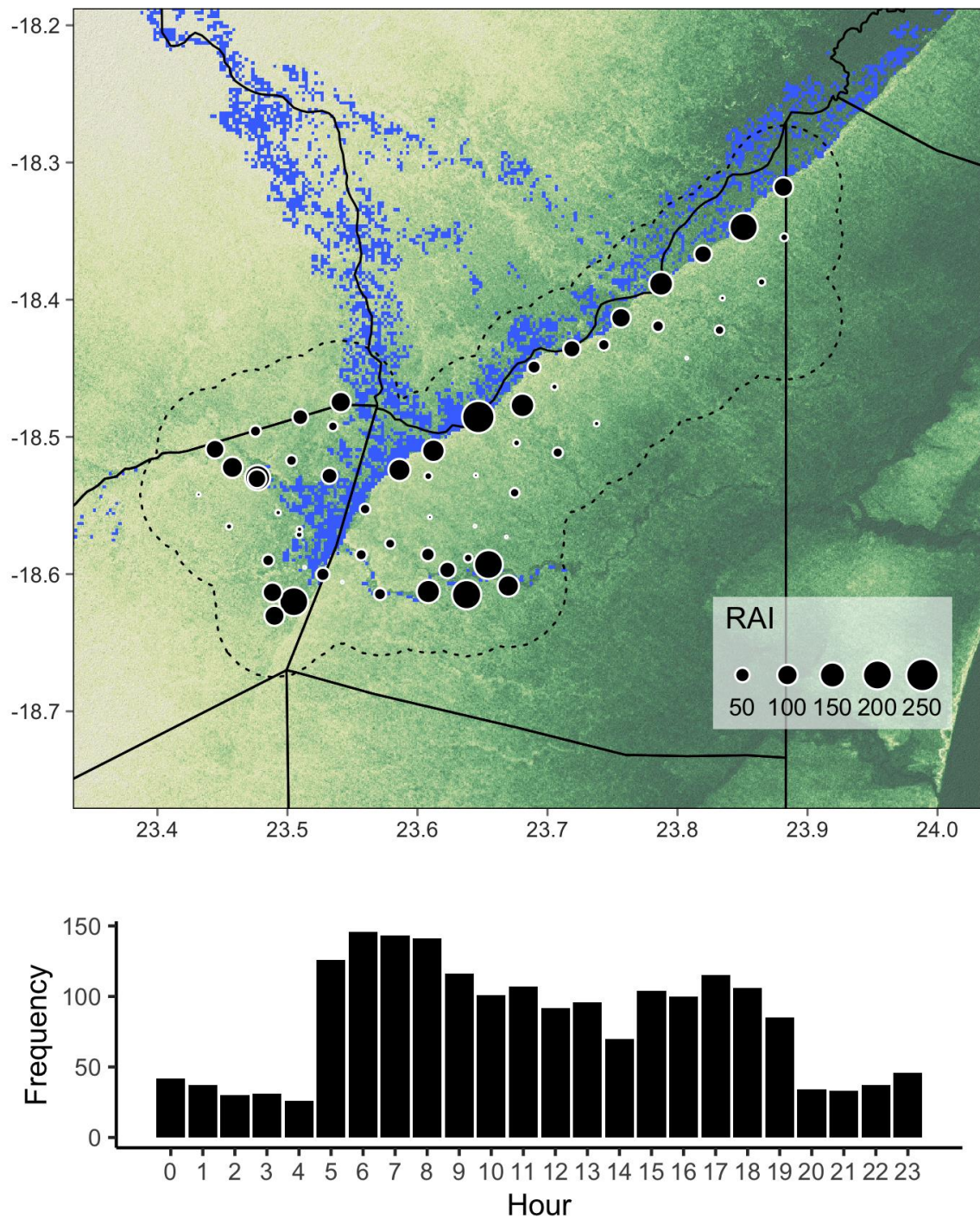
Impala - *Aepyceros melampus*

Figure 29. Spatial (top) and diel (bottom) distribution of impala detection events during the Linyanti camera trap surveys.
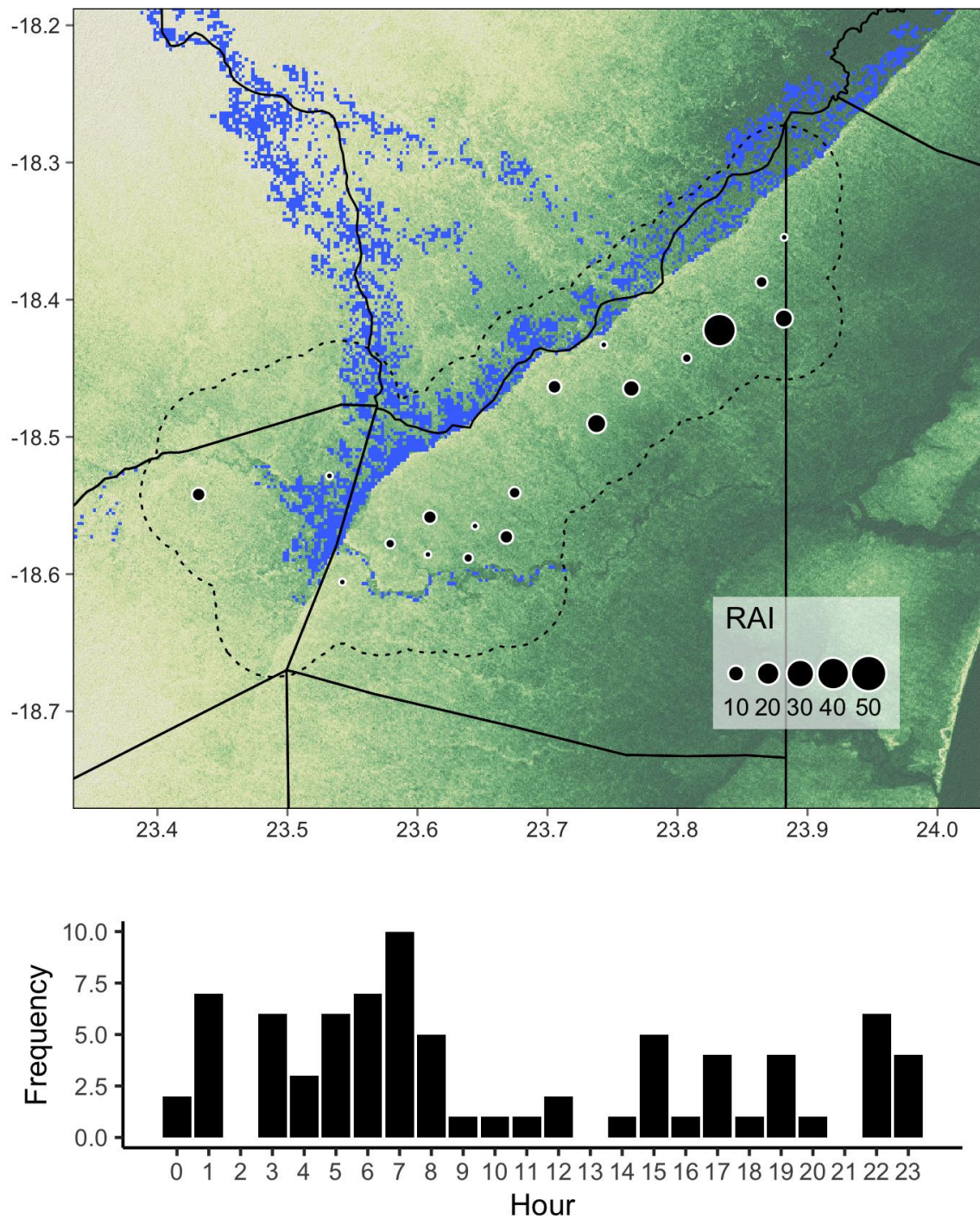
Duiker - *Sylvicapra grimmia*

Figure 30. Spatial (top) and diel (bottom) distribution of duiker detection events during the Linyanti camera trap surveys.
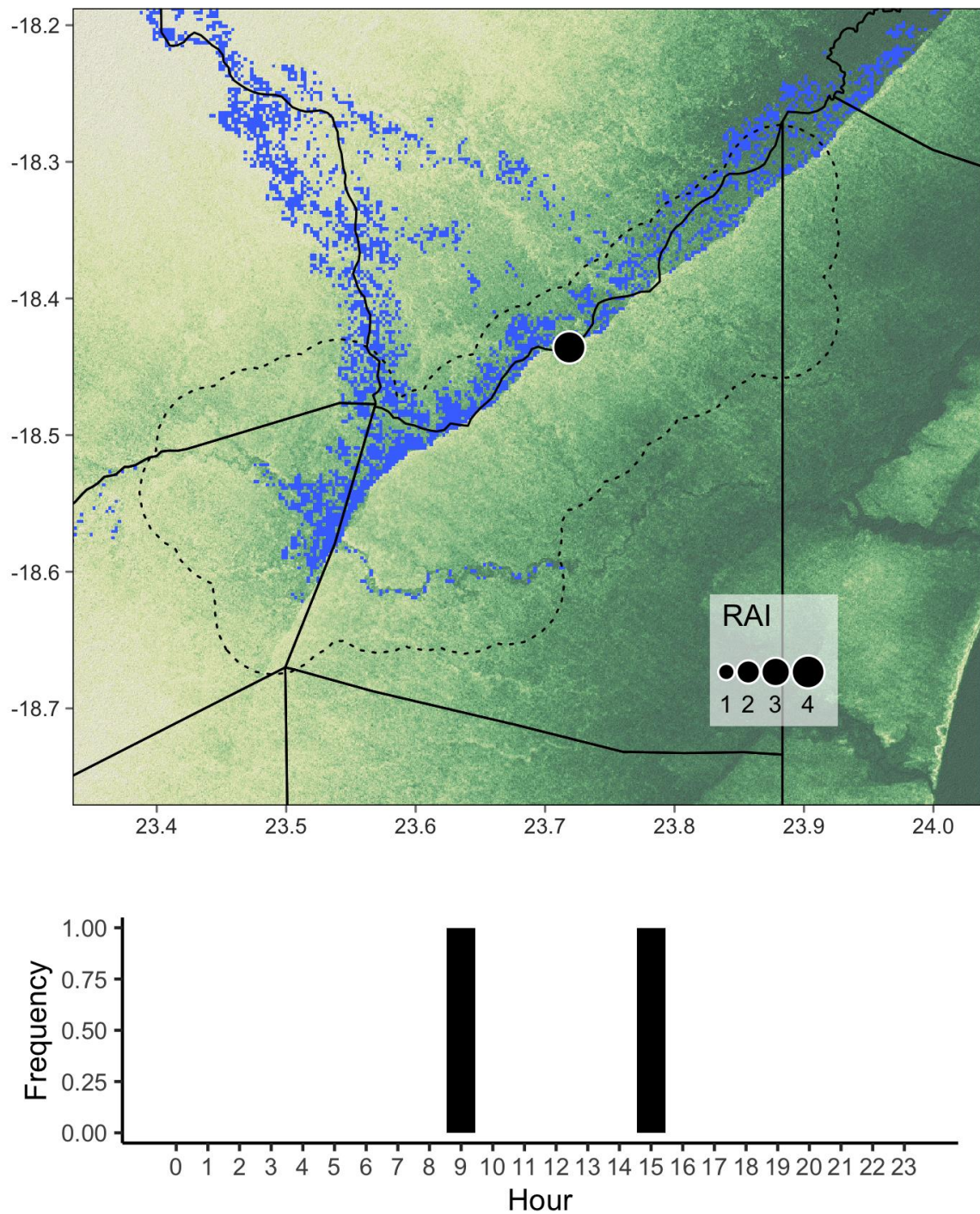
Bushbuck - *Tragelaphus scriptus*

Figure 31. Spatial (top) and diel (bottom) distribution of bushbuck detection events during the Linyanti camera trap surveys.
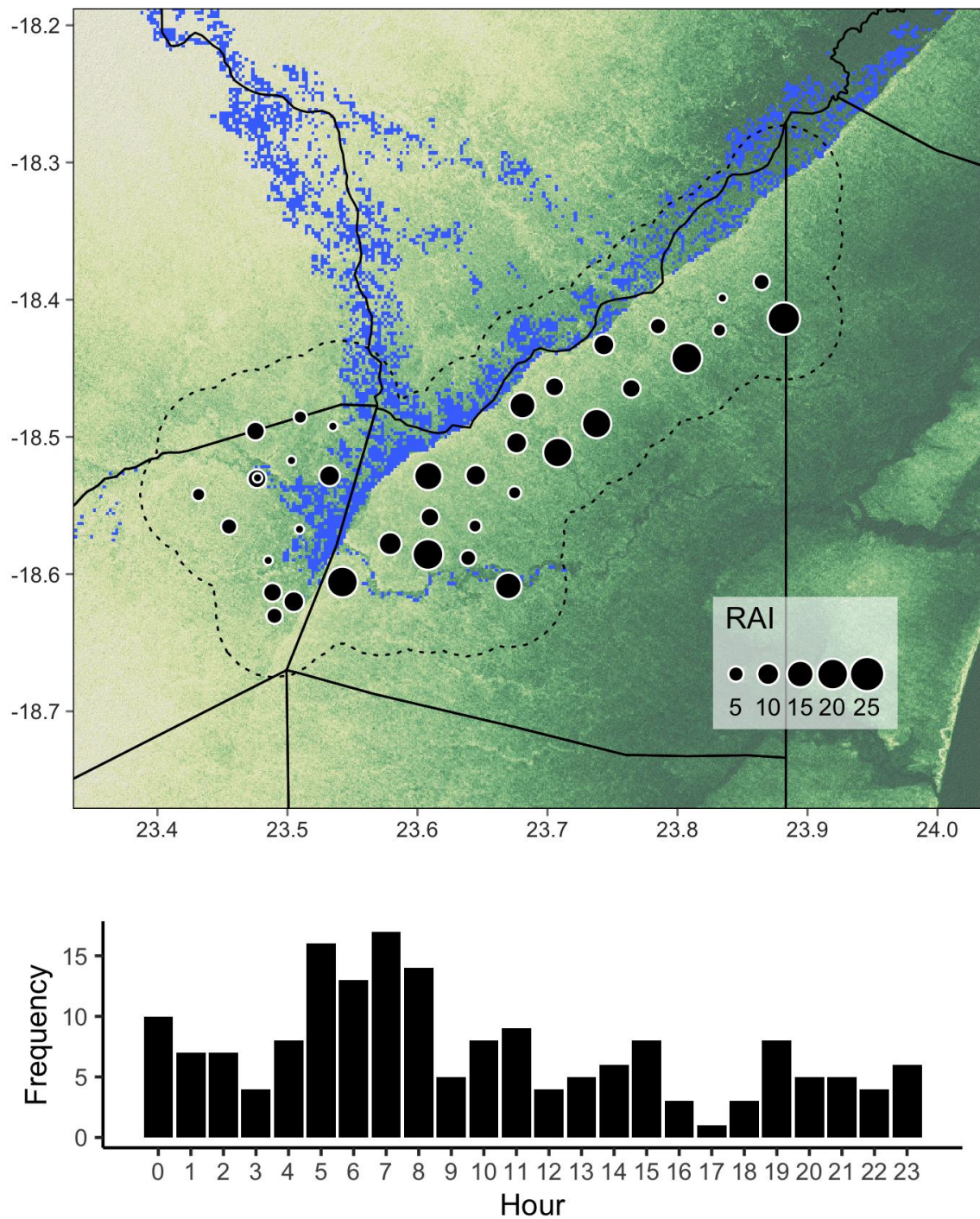
Steenbok - *Raphicerus campestris*

Figure 32. Spatial (top) and diel (bottom) distribution of steenbok detection events during the Linyanti camera trap surveys.
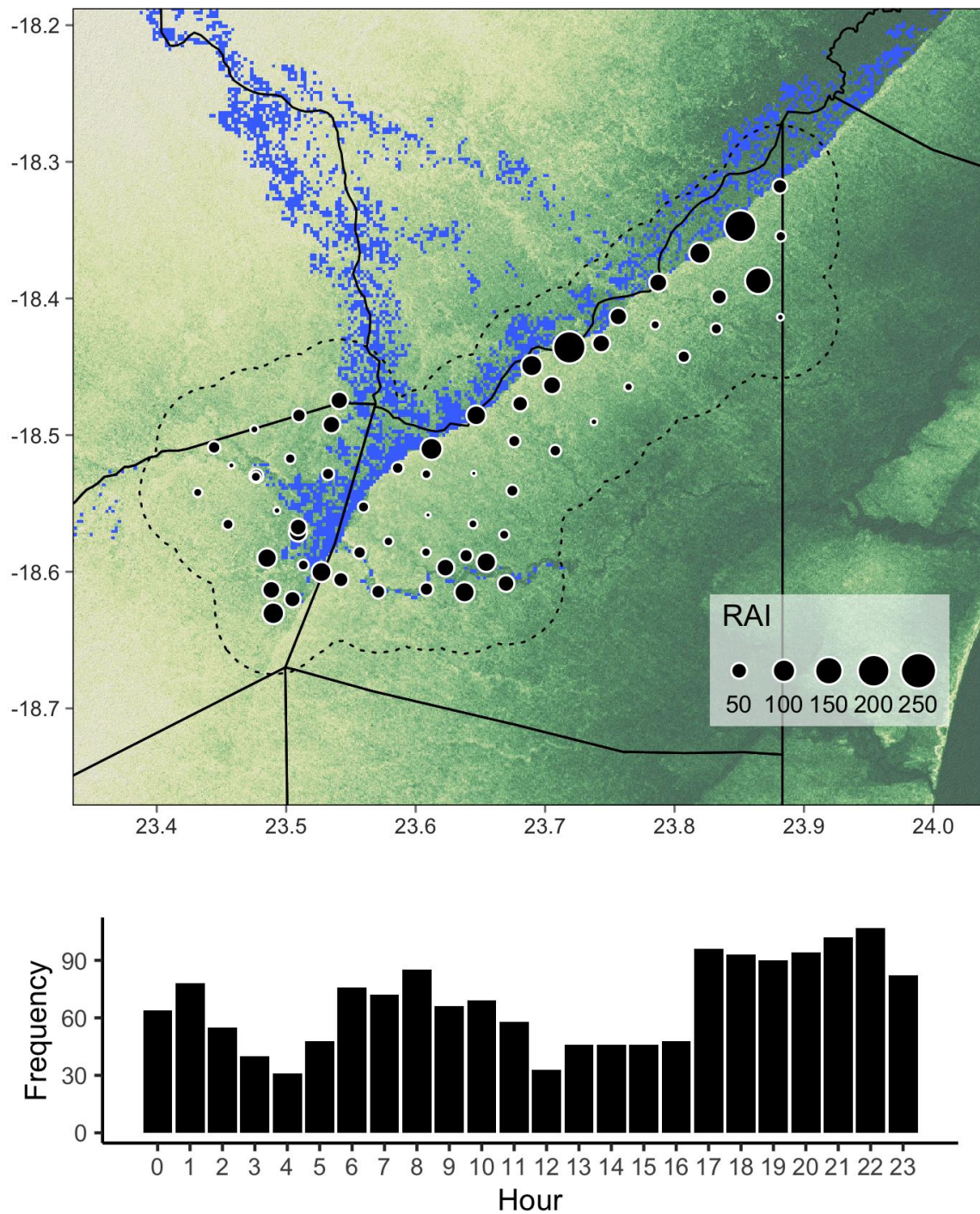
Elephant - *Loxodonta africana*

Figure 33. Spatial (top) and diel (bottom) distribution of elephant detection events during the Linyanti camera trap surveys.
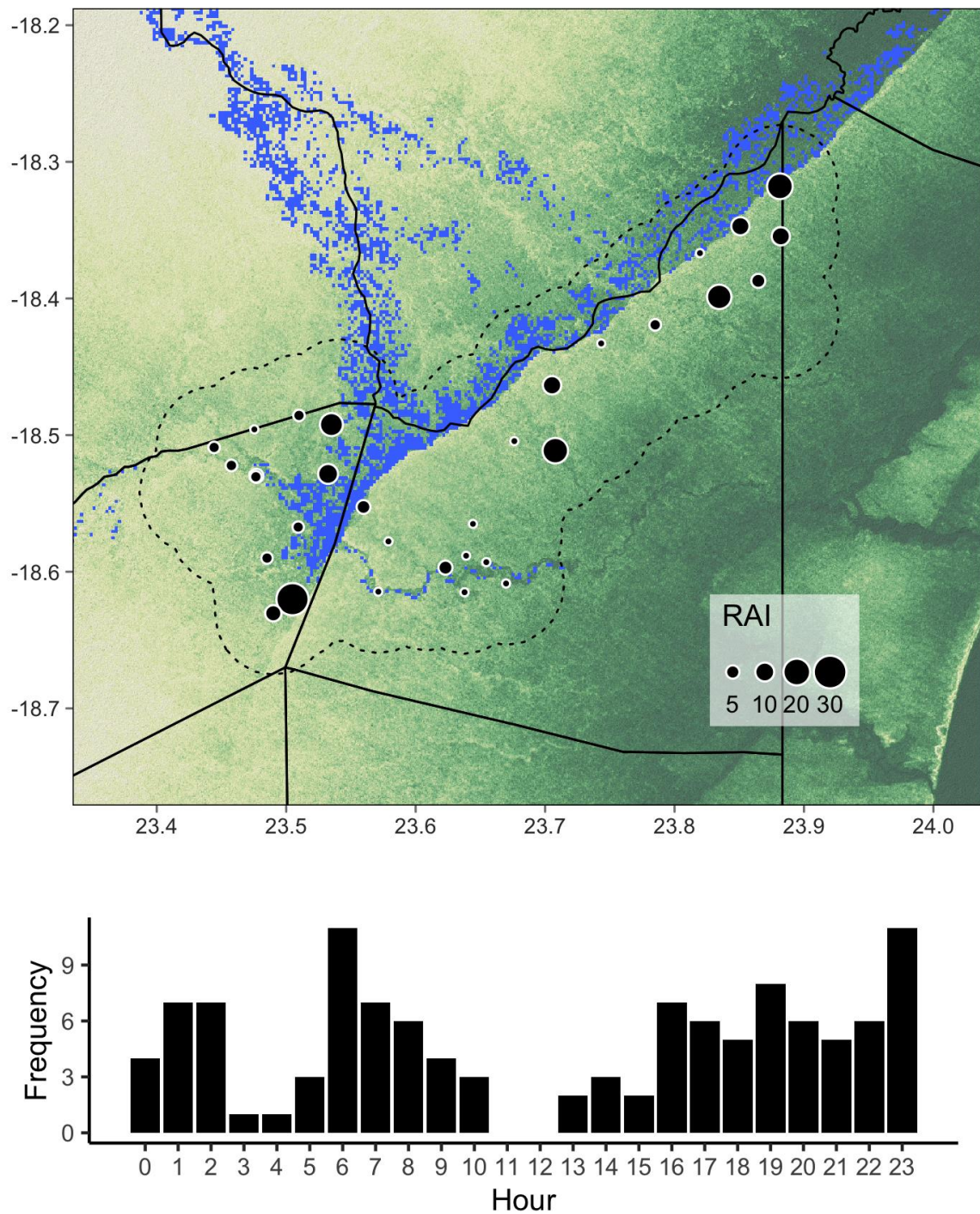
Buffalo - *Syncerus caffer*

Figure 34. Spatial (top) and diel (bottom) distribution of buffalo detection events during the Linyanti camera trap surveys.
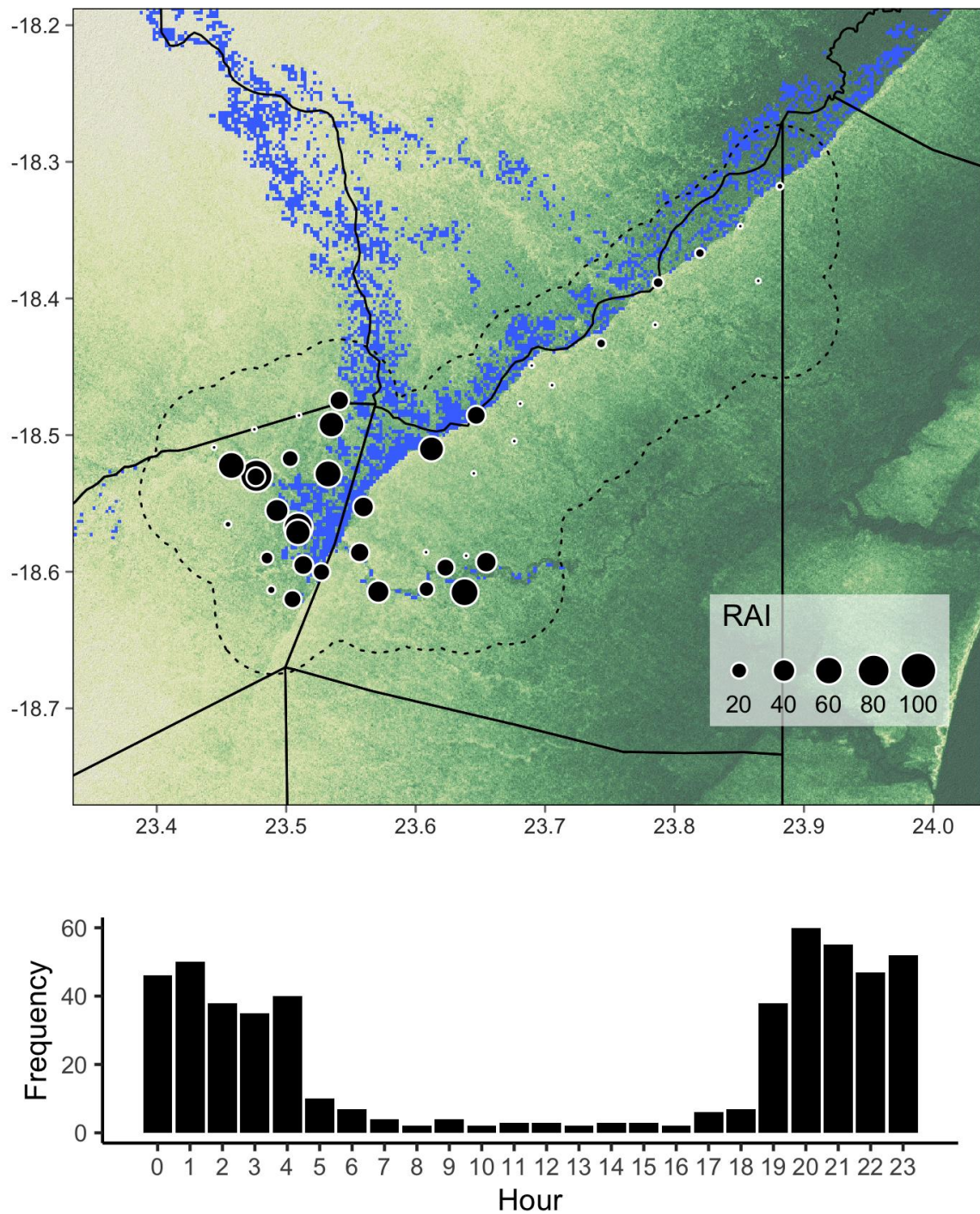
Hippopotamus - *Hippopotamus amphibius*

Figure 35. Spatial (top) and diel (bottom) distribution of hippopotamus detection events during the Linyanti camera trap surveys.
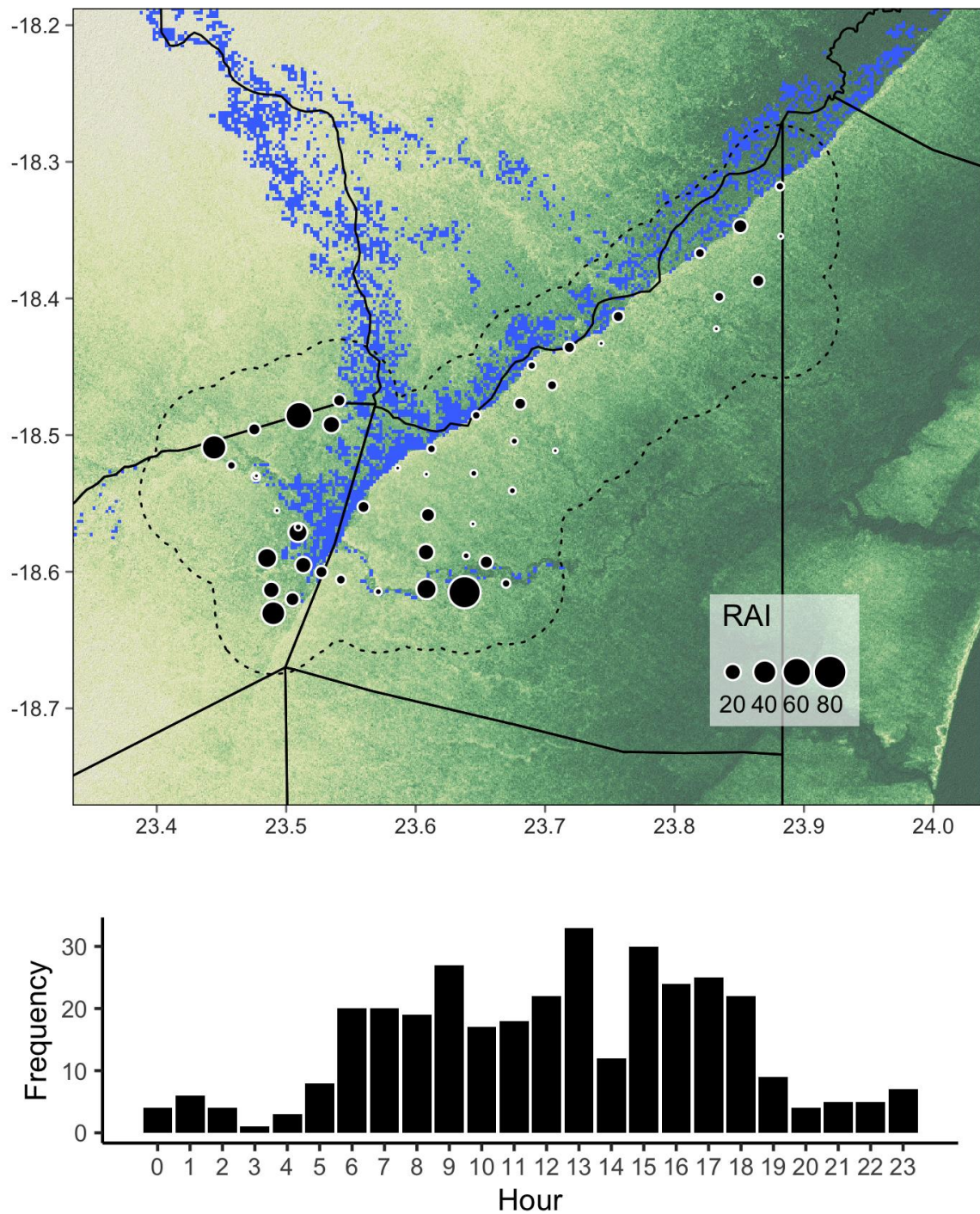
Giraffe - *Giraffa camelopardalis*

Figure 36. Spatial (top) and diel (bottom) distribution of giraffe detection events during the Linyanti camera trap surveys.
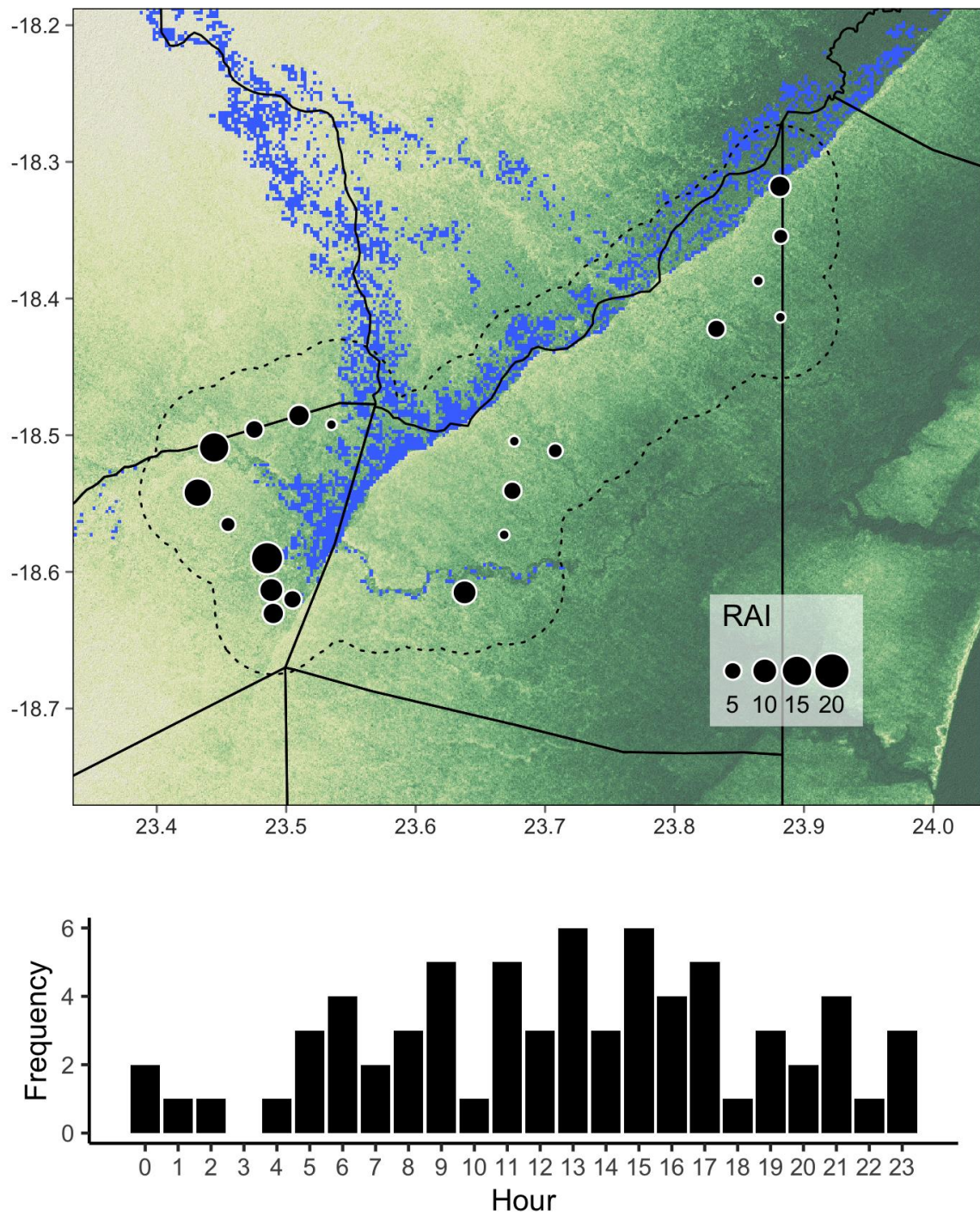
Zebra - *Equus quagga*

Figure 37. Spatial (top) and diel (bottom) distribution of zebra detection events during the Linyanti camera trap surveys.

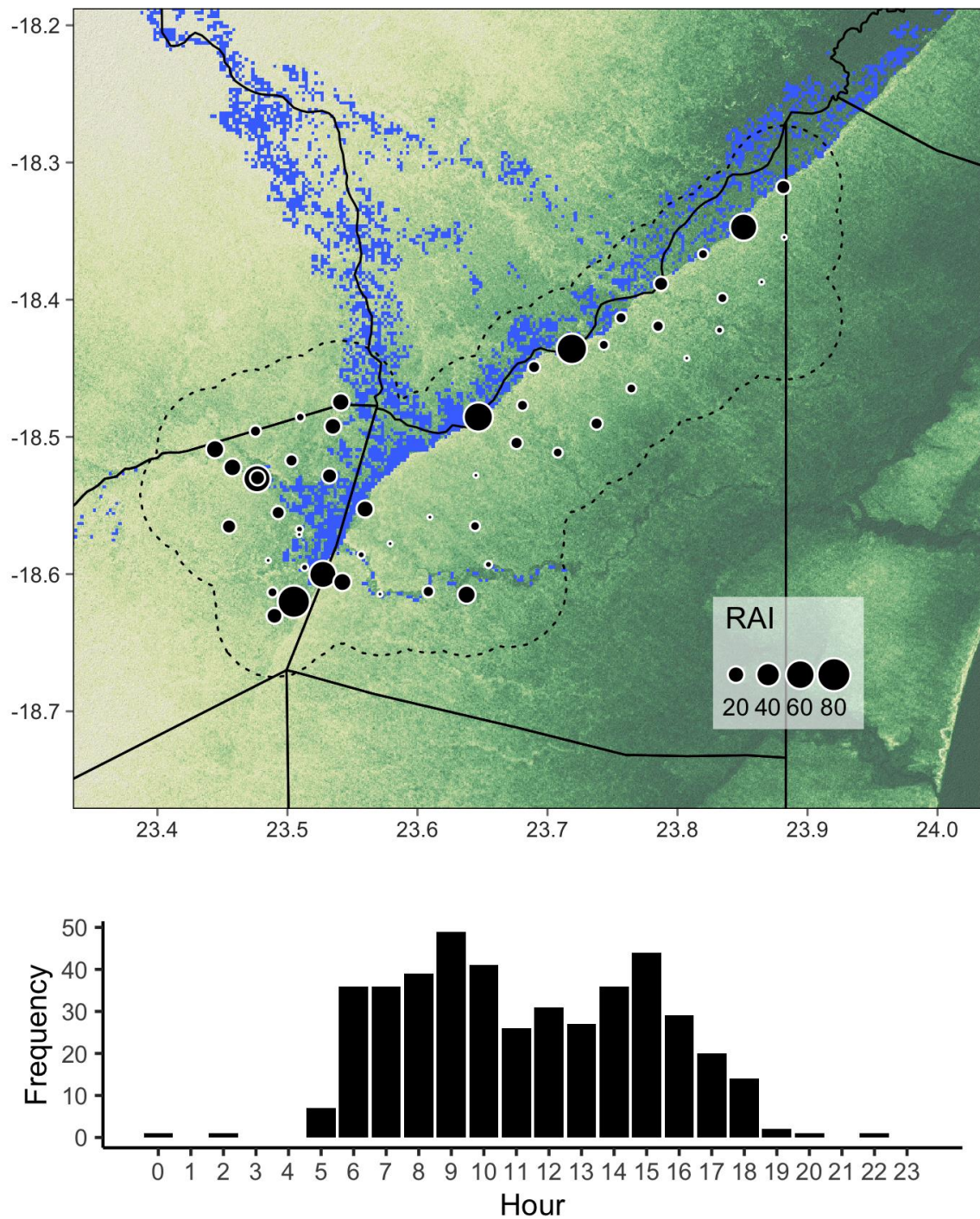# Warthog - *Phacochoerus africanus*

Figure 38. Spatial (top) and diel (bottom) distribution of warthog detection events during the Linyanti camera trap surveys.

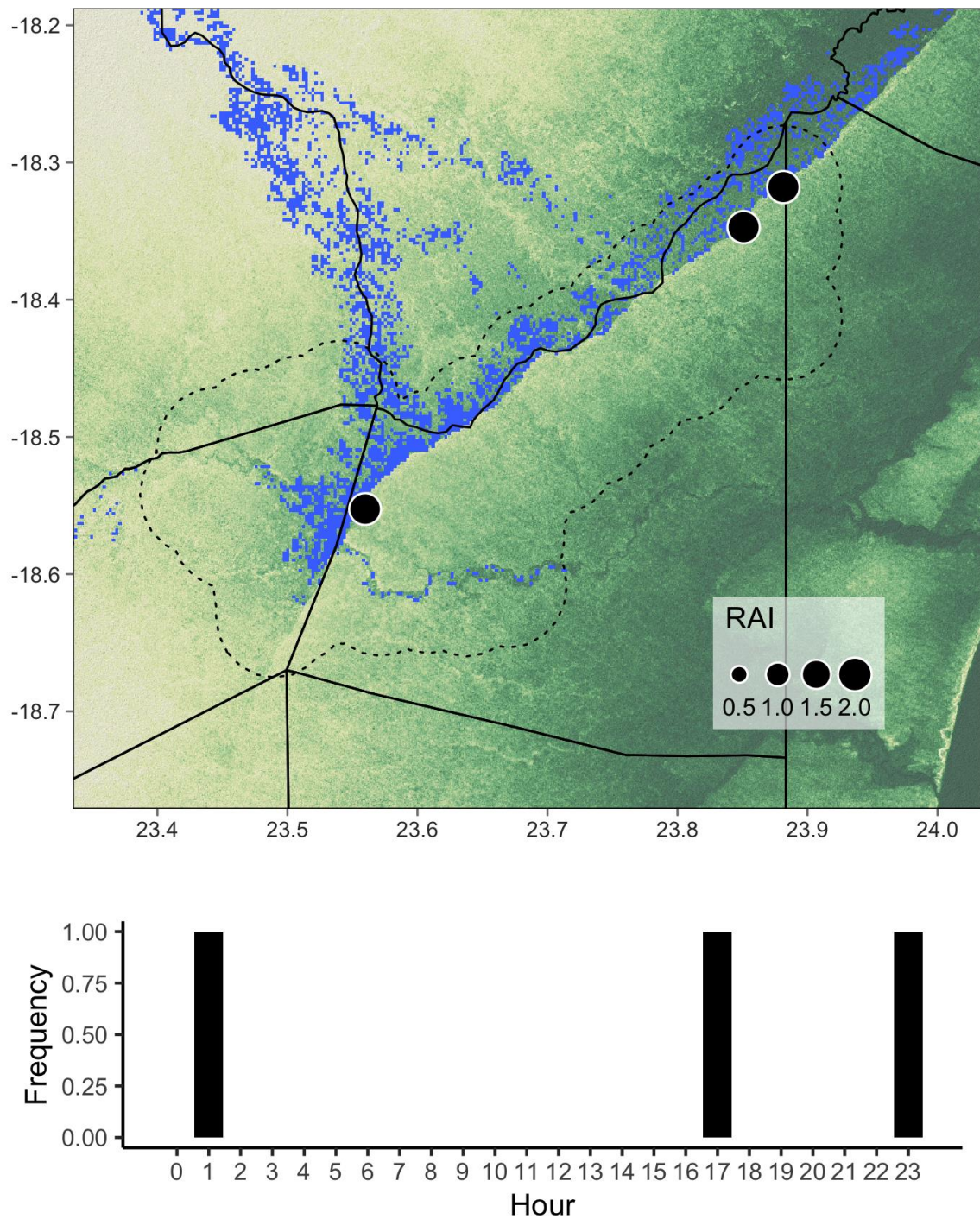# Bushpig - *Potamochoerus larvatus*

Figure 39. Spatial (top) and diel (bottom) distribution of bushpig detection events during the Linyanti camera trap surveys.
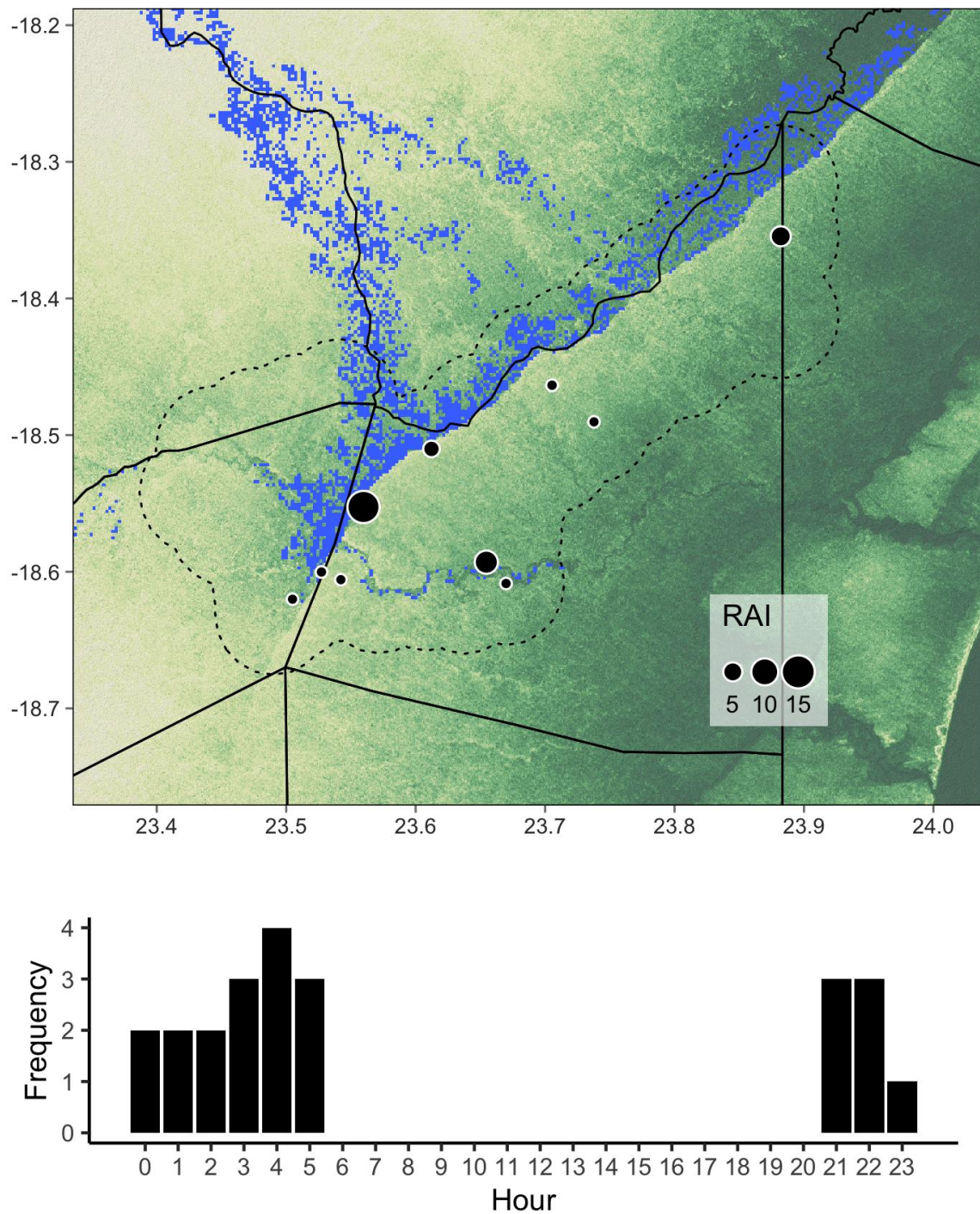
Scrub Hare - *Lepus saxatilis*

Figure 40. Spatial (top) and diel (bottom) distribution of scrub hare detection events during the Linyanti camera trap surveys.

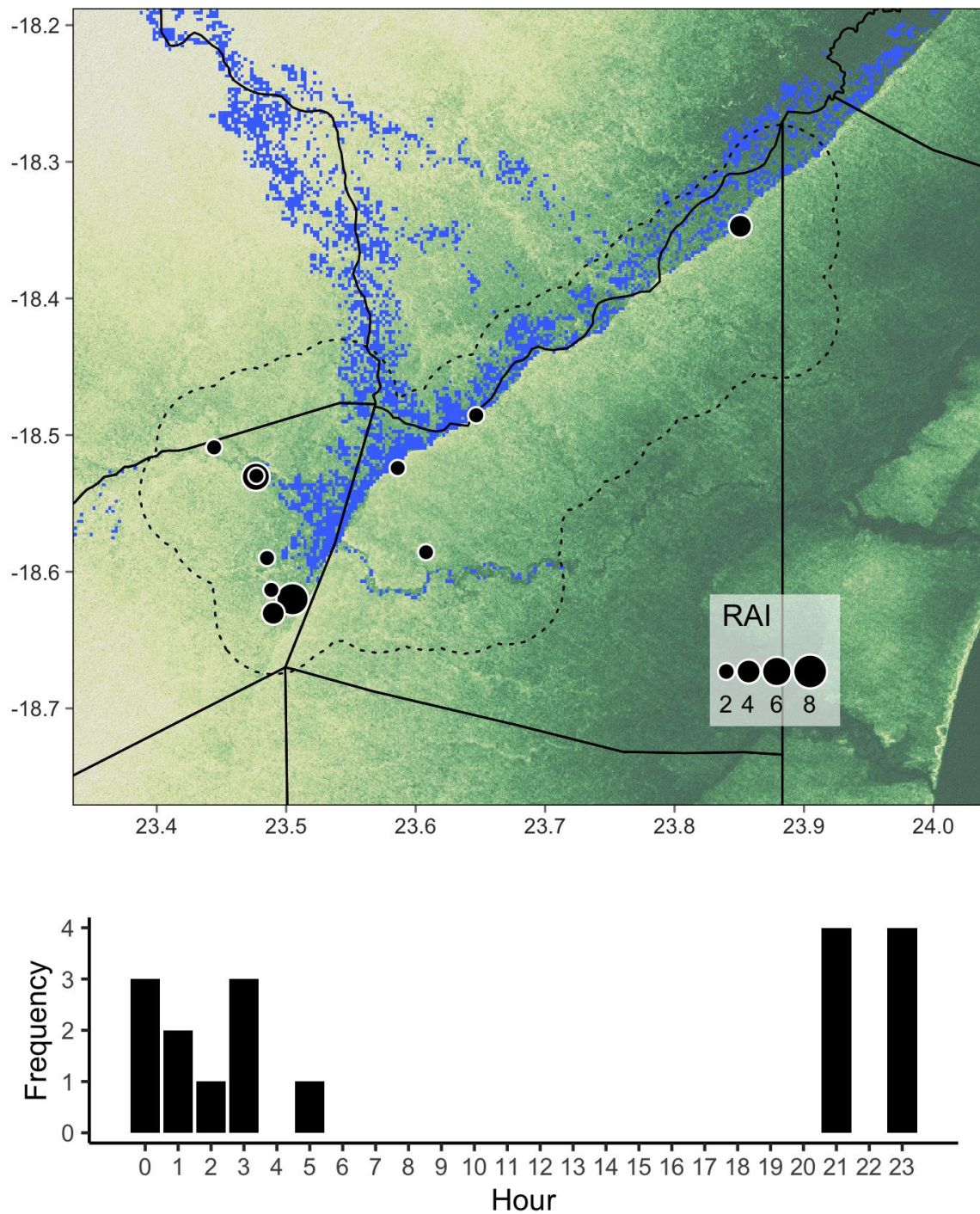# Springhare - *Pedetes capensis*

Figure 41. Spatial (top) and diel (bottom) distribution of springhare detection events during the Linyanti camera trap surveys.

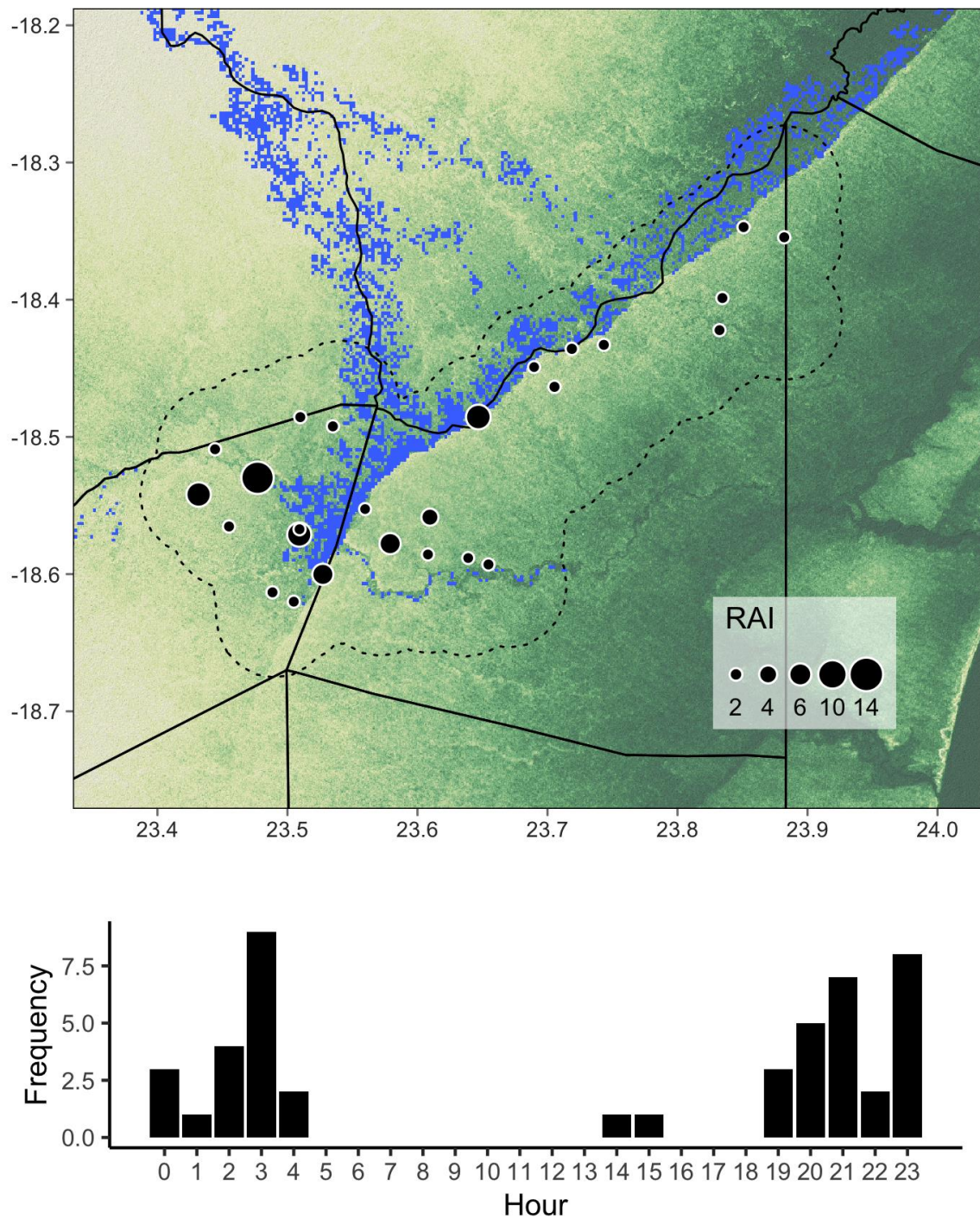# Porcupine - *Hystrix africaeaustralis*

Figure 42. Spatial (top) and diel (bottom) distribution of porcupine detection events during the Linyanti camera trap surveys.
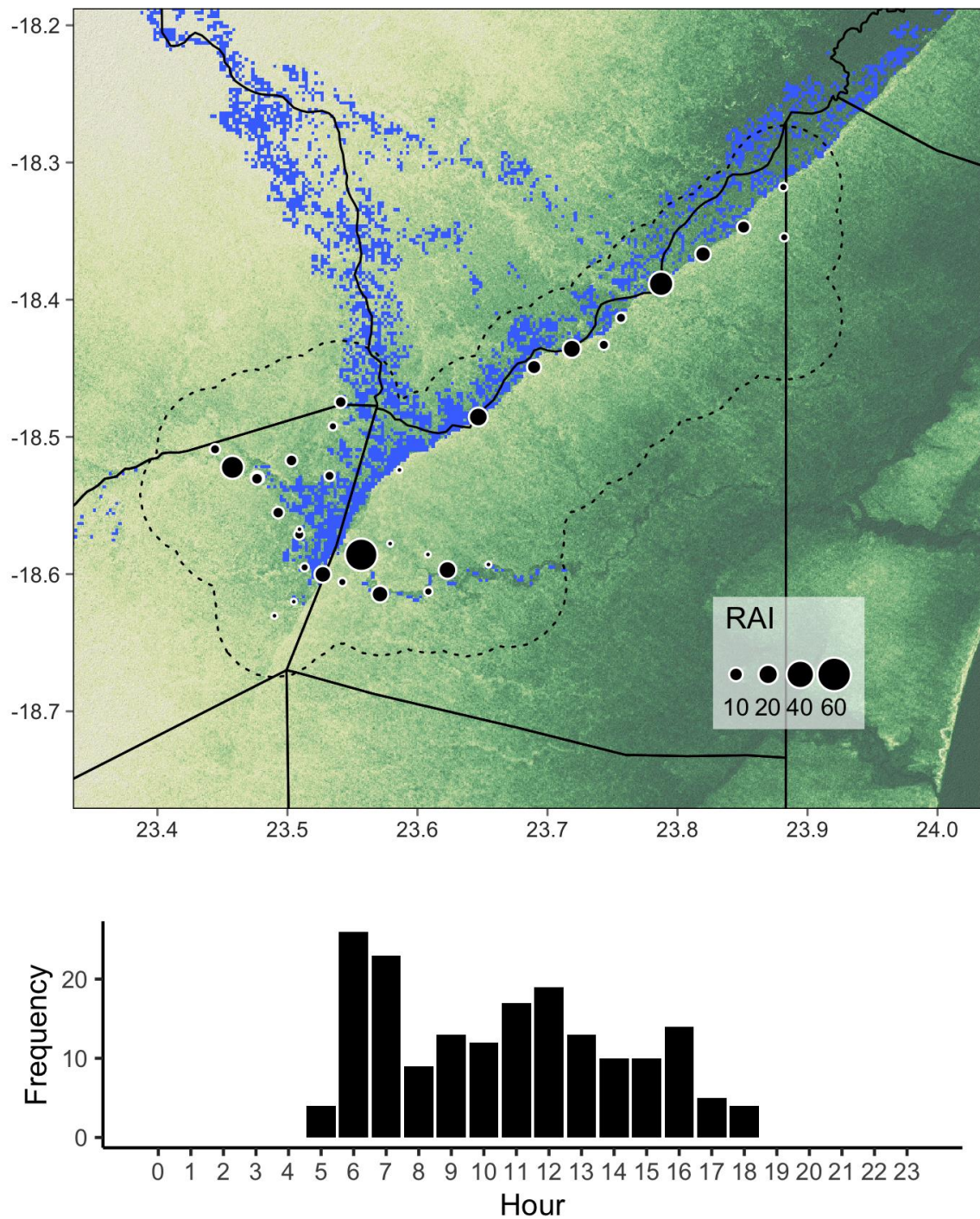
Baboon - *Papio ursinus*

Figure 43. Spatial (top) and diel (bottom) distribution of baboon detection events during the Linyanti camera trap surveys.

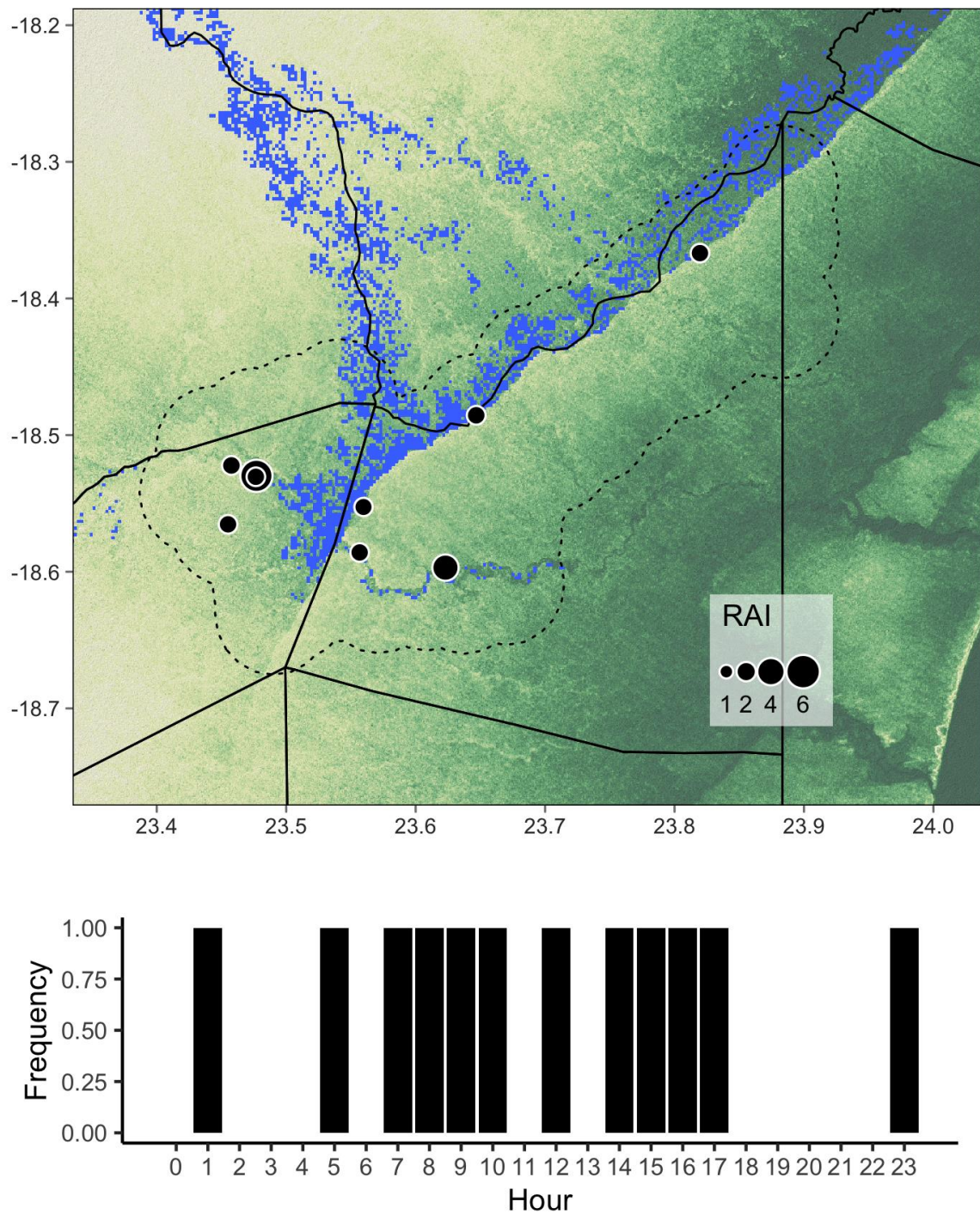# Vervet monkey - *Chlorocebus pygerythrus*

Figure 44. Spatial (top) and diel (bottom) distribution of vervet monkey detection events during the Linyanti camera trap surveys.
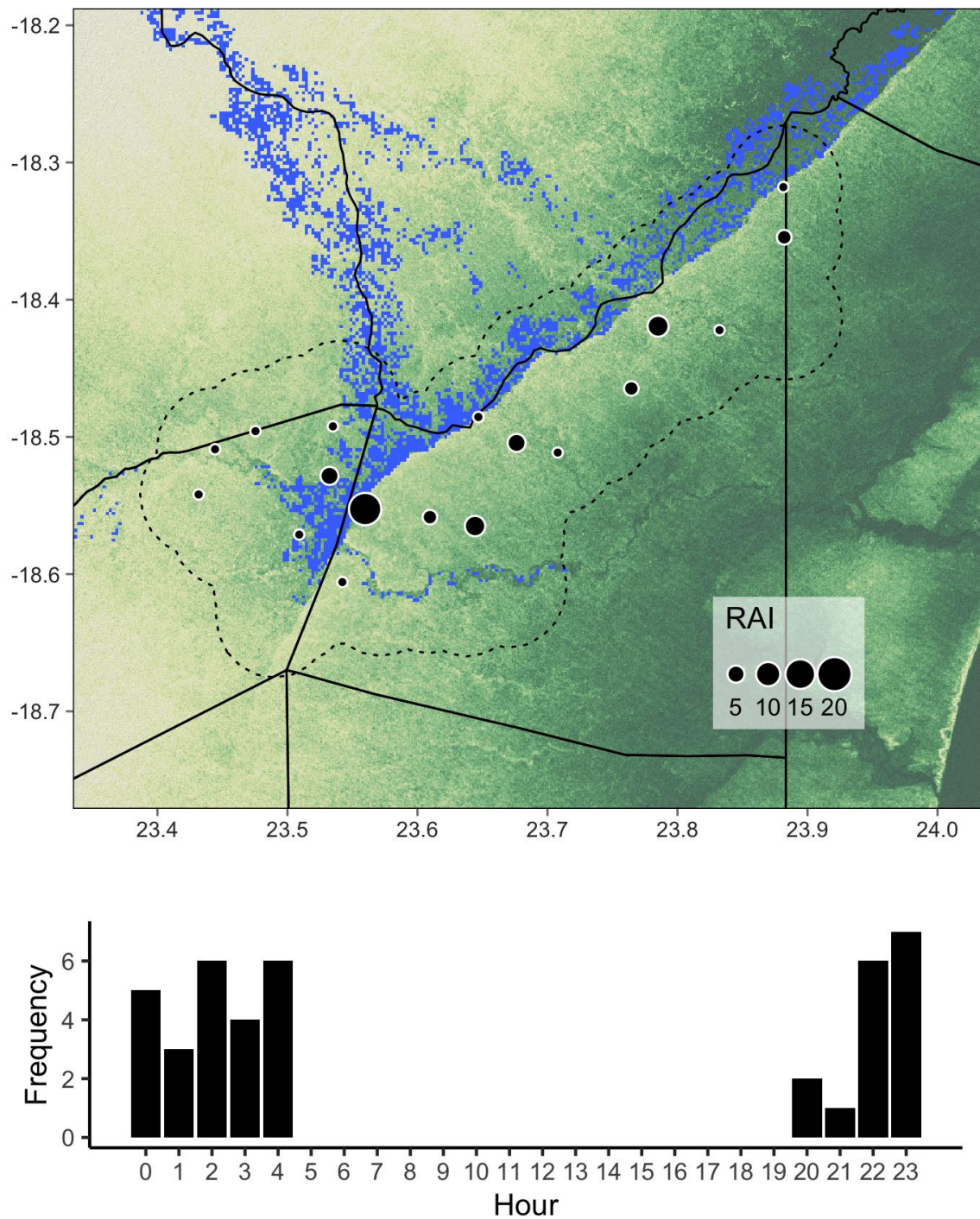
Aardvark - *Orycteropus afer*

Figure 45. Spatial (top) and diel (bottom) distribution of aardvark detection events during the Linyanti camera trap surveys.