



**Teatime in Kruger:
Tailoring the application of the Tea Bag Index
approach to an African savanna**

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Introduction

Aims:

1) System-specific TBI



2) Assess TBI effectiveness



(2013)
Tea Bag Index (TBI)

(Keuskamp *et al.*, 2013)

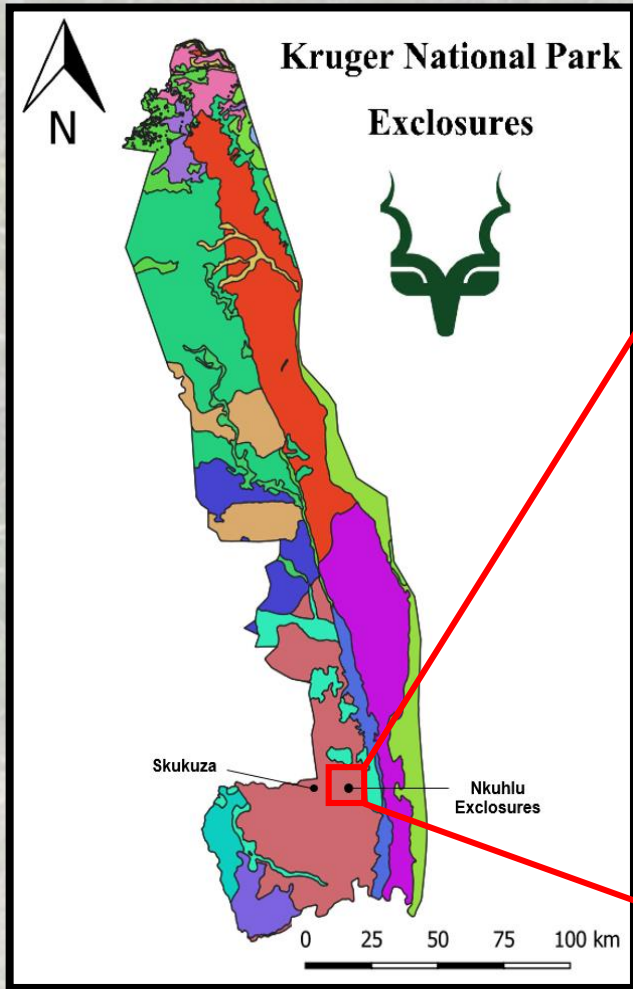


System-specific TBI

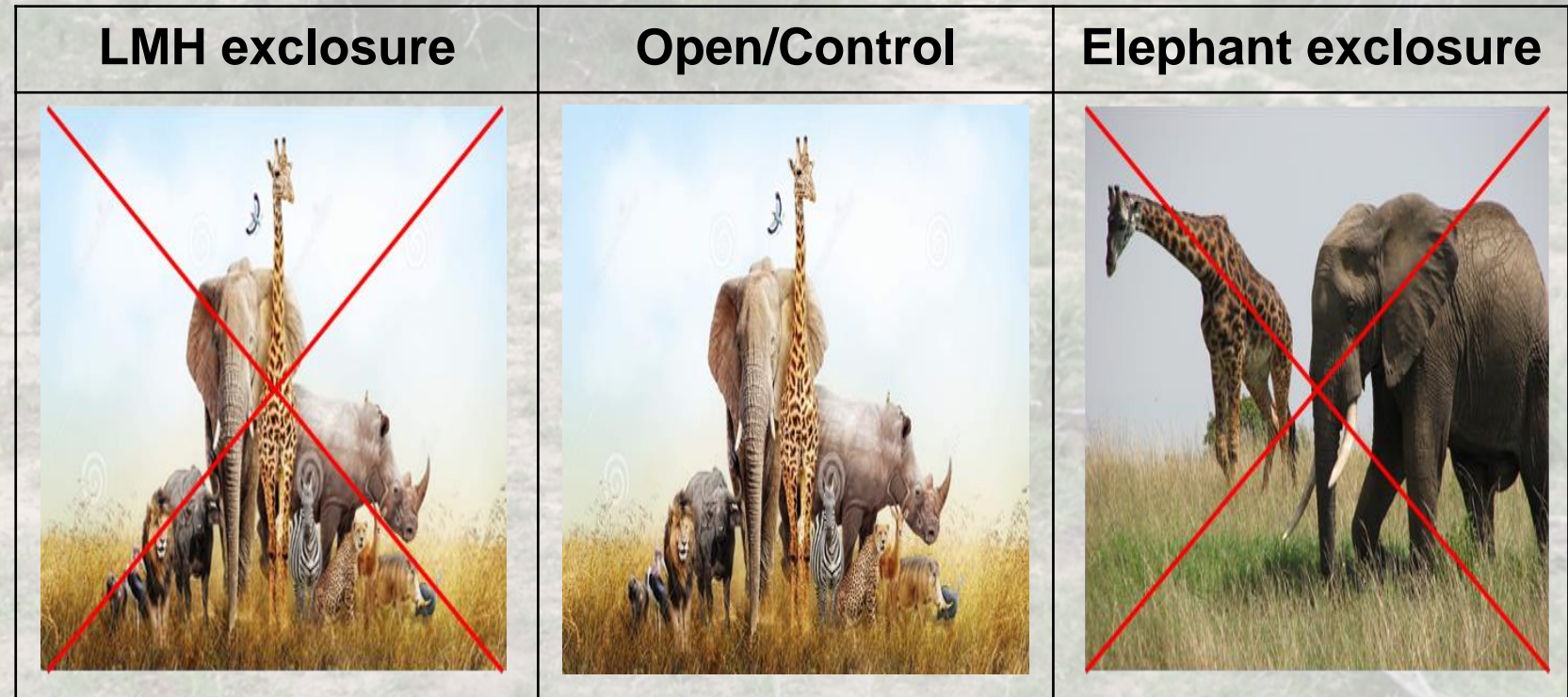
- Experimental design
- Additional equipment



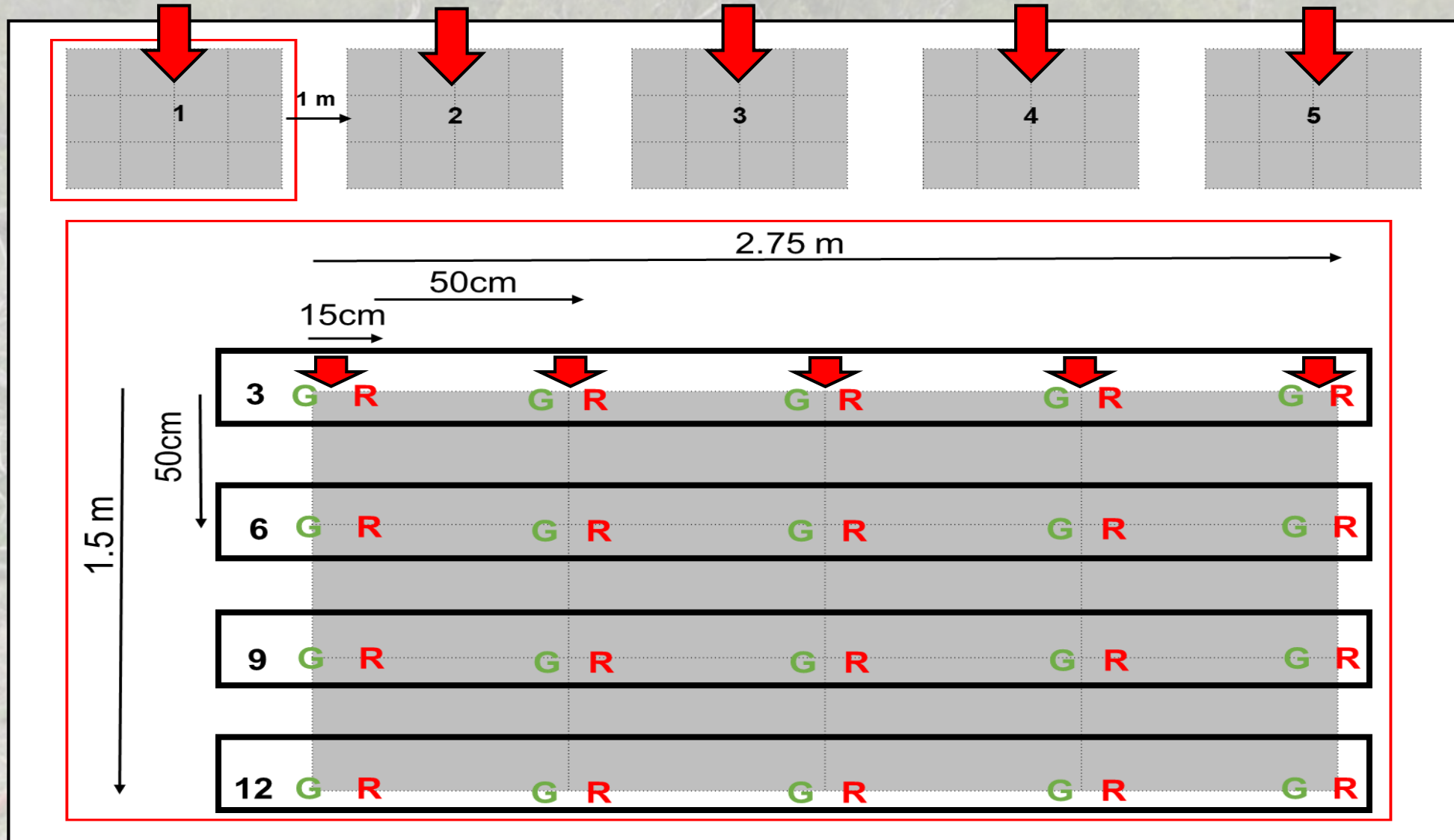
Study area



Nkuhlu exclosures



Experimental design



Results



- Tea bags buried = 1 000 (500 Green & 500 Rooibos)
- Total tea bags recovered = 785 (410 Green & 375 Rooibos)
- Total tea bags lost = 215 (90 Green & 125 Rooibos)



Recovery success = 78,5%

Future perspectives

TBI protocol



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Adapted TBI approach



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African savannas



- Easy application
- Cost-effective

(Keuskamp *et al.*, 2013)

- Experimental design
- Step-wise procedure

- Conducive to African conditions
- Facilitates ecological studies
- Local knowledge
- Global comparisons



Thank you



