Seasonal movements of Plains zebra *Equus burchelli* in Savuti-Mababe-Linyanti (SLE) Ecosystem in northern Botswana

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Introduction

- Forage dynamics
- Water availability
- Predation pressure
Objectives

- To establish the seasonal movement patterns of zebra in the SLE ecosystem.

- To compare quality of forage in wet season habitats favoured by zebra and unfavoured habitats in the SLE ecosystem.
Results and Discussion

Early wet season (November and December)

- Acacia hebeclada woodland short grasslands
- Sandveld
- Mababe short grasslands
Mid wet season (January and February)
Late wet season (March and April)
Early dry season (May and June)
Mid dry season (July and August)
Late dry season (September and October)
Nutrients (Sodium)

(a) Wet season mean Na (mg/kg)

- Mababe
- Acacia hebeclada
- Sandveld
- Floodplains
- Mopane

Habitats

Legend:
- a
- b
- ab

Comparison among habitats:
- Mababe vs. Acacia hebeclada vs. Sandveld vs. Floodplains vs. Mopane

Significance levels:
- a
- b
- ab
Calcium

(b)

Wet season mean Ca (mg/kg)

<table>
<thead>
<tr>
<th>Habitats</th>
<th>Mababe</th>
<th>Acacia hebeclada</th>
<th>Sandveld</th>
<th>Floodplains</th>
<th>Mopane</th>
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Phosphorus

![Bar chart showing wet season mean P (g/kg) across different habitats.](chart.png)

- Mababe: b
- Acacia hebeclada: ab
- Sandveld: a
- Floodplains: ab
- Mopane: ab
Acknowledgements

- The Future Okavango project (TFO)
- Ministry of Wildlife and Tourism (Botswana).
- Staff at Okavango Research Institute (ORI)
- Colleagues
Thank you all!!!