

Mobile Kraals and Other Management Approaches to Human-Wildlife Conflict Mitigation

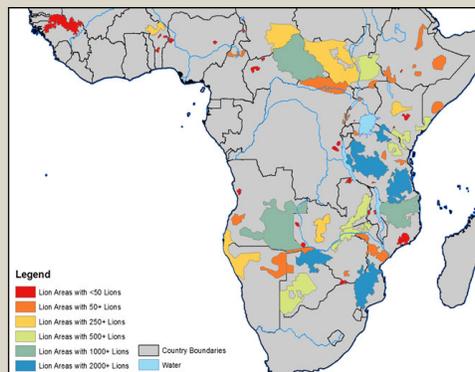


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Trans Kalahari Predator Programme

- Achieving **practical solutions** to conservation problems through original scientific research.
- Human-lion conflict is a major conservation challenge in Botswana
- Encouraging first stage of CBT implementation



Trans Kalahari Predator Programme



- How can conservation projects aimed at protecting wildlife (and livestock) become an integral part of a wildlife-friendly beef trade scheme?



The Long Shields Lion Guardian Project



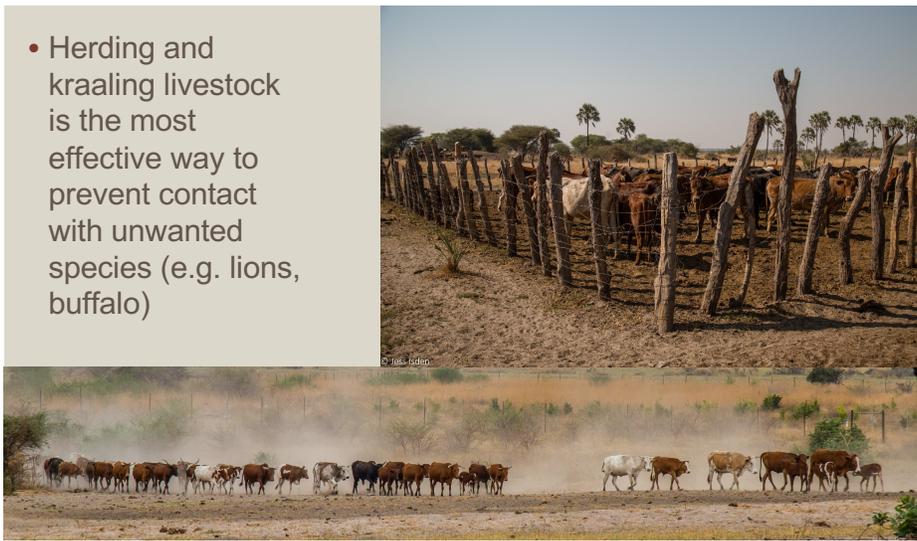
The Long Shields Lion Guardian Project



The Long Shields Lion Guardian Project



- Herding and kraaling livestock is the most effective way to prevent contact with unwanted species (e.g. lions, buffalo)



Lion-proof kraals



Mobile communal kraals

- Break the visual barrier between lion and prey

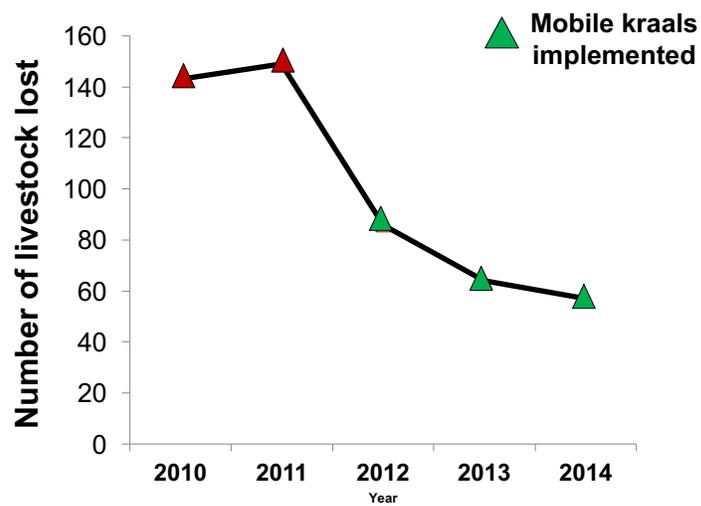


Mobile communal kraals

- Communal kraaling reduces the burden on the individual



Mobile communal kraals



Benefits

From the conservation perspective:

- Reduce retaliation killings
- Reduce need for lethal control
- Maintain areas of safe habitat and movement for lions in a human-dominated landscape



Benefits

From the crop perspective:

- Fertilised soil in which to grow crops (or grazing)



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Benefits

From the crop perspective:

- Increased crop yield (quantity and health) from field



Benefits

From the livestock perspective:

- Protect livestock



Benefits

From the livestock perspective:

- Encourage good husbandry practices
 - Accountability for whereabouts of cattle



Benefits

From the livestock perspective:

- Bring health benefits to cattle



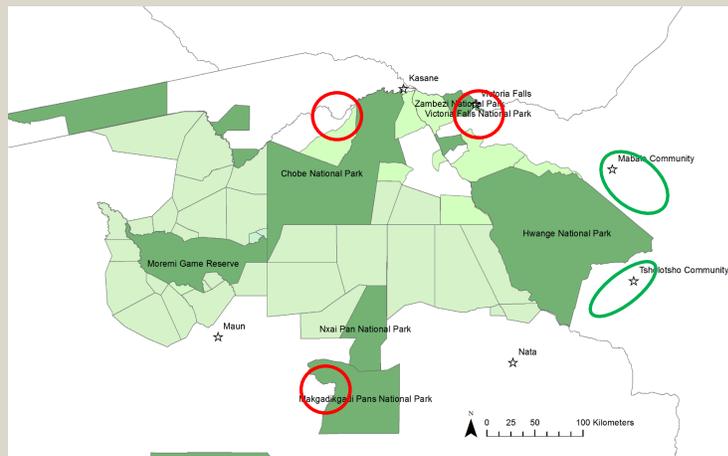
Benefits

Raising the profile of herding and the status of herders:

- Make our herders a valued member of the community, who have wider training and knowledge regarding all aspects of cattle farming



Trans Kalahari Predator Programme



Where are we at in Botswana?

Consultation and trialling stage

→ Ideal time to integrate programmes into the initiation of CBT on the ground



Potential

How could CBT link with coexistence strategies like WildCRU's project?

- **Proactive** approach that is reward-driven **based on coexistence** with wildlife, not the exclusion of it.
 - "Wildlife-friendly"
- Herding, utilising mobile/lion-proof kraals can be used as a **starting point for best-practice recognition**, with scope to move up the ladder with additional actions.



Challenges to implementation

- Communal kraaling is a difficult concept to accept
- Cattle-cattle disease transmission risk
- Farmers need to take responsibility for their cattle's movements and safety



Conclusions

Win-win-win-win strategy
(cattle, crops, conflict, conservation)

Radical ideas: could we create super-herds that maximise grazing areas in a sustainable way and are herded by teams of skilled herders working together?



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Thank you.



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