Welfare Assessment of Working Donkeys: The Case of Wadi Salih District, Central Darfur State, Sudan

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Introduction

• The donkey is an important domestic animal in all African countries.

• They play a crucial role in the economies of undeveloped countries; Sudan is no exception.

• Most people living in poor communities benefit from these working donkeys.
Introduction

7.5 Millions

3 Breeds

Sudanese Donkeys

Sudan
Introduction

Working donkeys suffer from many welfare challenges associated with, for example, physical health, mental health, poor living conditions, poor management, Veterinary services, and social as well. This is due to the tough work requirements
Introduction

https://www.pinterest.com/pin/courtesy-shutterstock--474285404499819212/

https://foreignpolicy.com/tag/south-sudan/
Objectives

• The welfare of donkeys in Sudan is still far behind. Up to today, no information about donkey welfare in the Darfur region.

• This study aimed to evaluate the welfare of working donkeys in the Wadi Salih Province.
Methodology

150 Donkey Owners

150 Donkeys

74 Male

76 Female
Results

Body condition

- Poor
- Sound
Results

Animal body condition

Wounds and Scars

- Neck wounds: 67%
- Back wounds: 17%
- Hind quarter: 16%
- Back scares: 0%
Results

Animal body condition
Results

Behaviors

- Depressed
- Approximation
- Aggressiveness

Behavioral Parameters
Results

Beating of animal

Movement of animal

- Hands
- Sticks
Results

How do owners beat their animals?
Results

Working hours

Working Hours Per day

<table>
<thead>
<tr>
<th>Hours</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>Less than two hours</td>
<td></td>
</tr>
<tr>
<td>Two to three hours</td>
<td></td>
</tr>
<tr>
<td>More than three hours</td>
<td>60%</td>
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Prof. AAA Abdallah BUAN
Results

Working hours
Results

Water and feed access

Water and feed access

Water
- Twice per day: 63.3
- Free access: 34.7

Feeding
- Twice per day: 52
- Free access: 48
Conclusion

Feeding

Working

Awareness of owners

Beating

Depressed
Acknowledgments

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Thank you