

HUMAN-ANIMAL RELATIONSHIP (HAR) ESTABLISHMENT IN CAPTIVE RED BROCKET DEER (*Mazama americana*) MALES

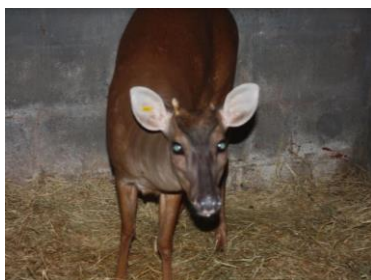
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INTRODUCTION

The red brocket deer (*Mazama americana*)



↳ difficulties of handling in captivity

↳ high stress susceptibility and typical behavior expressed in situation of fear.

OBJECTIVE

We evaluated the effects of positive human-animal interactions management in captive red brocket behavior

RESULTS

Behaviors	P<0.05
Slow Biateral ear movement	0,97
Slow Unilateral ear movement	2.59x10-6
Fast Biateral ear movement	0.06
Fast Unilateral ear movement	0.0007
Tail movement	0.1232
Blink	0.0078
Tongue	0.0034

The unilateral ear movement were more frequent in station 1 and 2.

The blinks behavior and tongue movement were more frequent in station 3 with an increase of human-animal proximity when repeated interactions.

MATERIAL AND METHODS

Six adults males, born and raised in captivity.

Station 1:



Station 2:



Station 3*:



*Was offered a banana as a resource that facilitates the approximation and increase human-animal interaction.

Behaviors: Ear movements, tongue movements, blink and tail movement as indicator of animal responses.

Measured for **5 minutes** in **each station** and register with a camera. Chi square statistics.

CONCLUSION

Offering banana as food resource facilitates the human-animal relationship.

The slow and fast unilateral ear movements, and also, blinking and tongue movement are behavioral indicators of alertness or interest in a resource