

Behavioral Ecology of the ...

Eastern Cottonmouth (Agkistrodon p. piscivorus)

(Agkistrodon p. piscivorus) in a Natural and an Anthropogenic Marsh Habitat in Southeastern Virginia

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Abstract

Behavioral observations were recorded for 11 (aggressive) and 10 (non-aggressive) Eastern Cottonmouths (*Agkistrodon piscivorus*) in natural and anthropogenic marsh habitats in southeastern Virginia. Observations were conducted during the summer months (June–September) in 2005 and 2006. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh). The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh). The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Materials & Methods

Study Area
 This study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh). The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh). The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Results & Discussion

General Behavioral Observations
 Radio-telemetry studies were used to track the movements of individual snakes. Snakes were observed in various habitats, including marshes and open areas. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Temperature and Behavioral Observations

Sun Exposure
 Sun exposure was recorded for individual snakes. Snakes were observed in various habitats, including marshes and open areas. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Concluding Remarks

The study provides valuable insights into the behavioral ecology of Eastern Cottonmouths in both natural and anthropogenic marsh habitats. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Introduction

Behavioral ecology is a field of study that focuses on the interactions between an organism and its environment. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Natural Marsh System

The natural marsh system is a complex of various habitats, including marshes and open areas. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

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Literature Cited

A list of references cited in the paper, including works by Cross, C.L., and others. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

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Anthropogenic Marsh System

The anthropogenic marsh system is a complex of various habitats, including marshes and open areas. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

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Data Collection

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Behavioral Observations for Uncaptured Animals

Behavioral observations were conducted for uncaptured animals. Snakes were observed in various habitats, including marshes and open areas. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Acknowledgments

The author would like to thank the following individuals for their assistance in conducting this study. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Figure 10

This figure shows a photograph of a snake being handled by a researcher. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Figure 11

This figure shows a photograph of a snake in a natural marsh habitat. The study was conducted at two sites: a natural marsh (Cottonmouth Marsh) and an anthropogenic marsh (Cottonmouth Marsh).

Table 1

Category	Value
Aggression	10
Defensive	5
Neutral	15
Active	20
Resting	30

Table 2

Category	Value
Aggression	10
Defensive	5
Neutral	15
Active	20
Resting	30

Table 3

Category	Value
Aggression	10
Defensive	5
Neutral	15
Active	20
Resting	30