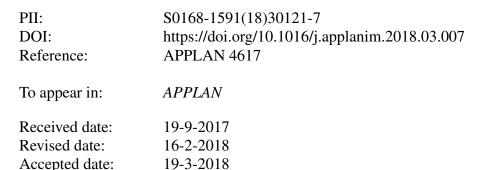
Accepted Manuscript

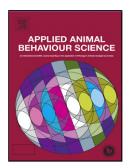
Title: Captive-reared juvenile box turtles innately prefer naturalistic habitat: implications for translocation

Authors: Sasha J. Tetzlaff, Jinelle H. Sperry, Brett A. DeGregorio



Please cite this article as: Tetzlaff, Sasha J., Sperry, Jinelle H., DeGregorio, Brett A., Captive-reared juvenile box turtles innately prefer naturalistic habitat: implications for translocation.Applied Animal Behaviour Science https://doi.org/10.1016/j.applanim.2018.03.007

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Captive-reared juvenile box turtles innately prefer naturalistic habitat: implications for translocation

Sasha J. Tetzlaff^{a,*}, Jinelle H. Sperry^{a,b}, and Brett A. DeGregorio^{a,b}

^aDepartment of Natural Resources and Environmental Sciences, 1102 South Goodwin Avenue, University of Illinois at Urbana-Champaign, Urbana, Illinois, USA 61801

^bUS Army ERDC-CERL, 2902 Newmark Drive, Champaign, Illinois, USA 61822

*Corresponding author at: Department of Natural Resources and Environmental Sciences, 1102 South Goodwin Avenue, University of Illinois at Urbana-Champaign, Urbana, Illinois, USA 61801. Tel: 419-239-8038; E-mail address: sashatetzlaff@gmail.com (S. Tetzlaff).

Highlights:

- We reared hatchling box turtles in either a naturalistic or simplistic enclosure.
- We gave turtles a choice representing both rearing habitats when eight months old.
- Most (84%) selected the naturalistic habitat, suggesting this preference is innate.
- Personality was evident from individual consistency in habitat selection latency.
- Evaluations of such intrinsic effects could inform wildlife translocation outcomes.

Author agreement

This manuscript has not been published, accepted, or is not under consideration for publication in any other journal or book. It has been read by all authors and submission has been agreed upon. All persons entitled to authorship have been included. Additionally, all relevant permits and animal use permissions were in place to ensure humane treatment of all animals involved.

Download English Version:

https://daneshyari.com/en/article/8882763

Download Persian Version:

https://daneshyari.com/article/8882763

Daneshyari.com