

Editor:

Stan Kuczaj
Department of Psychology
University of Southern Mississippi
118 College Drive #5025
Hattiesburg, MS 39406, U.S.A.
animalbehaviorandcognition@gmail.com

Associate Editor:

Lauren Highfill
Department of Psychology
Eckerd College
4200 54th Avenue South
St. Petersburg, FL 33711, U.S.A.
highfile@eckerd.edu

Editorial Advisory Board:

Adam Barrett, University of Sussex, UK
Patrick Bateson, Cambridge University, UK
Robert Batsell, Kalamazoo College, USA
Isabel Behncke, Oxford University, UK
Thomas Bugnyar, University of Vienna, Austria
Fay Clark, Bristol Zoo, UK
Holli Eskelinen, Dolphins Plus, USA
Justin Gregg, Dolphin Communication Project, USA
Martine Hausberger, University of Rennes, France
Gisela Kaplan, University of New England, Australia
Alban Lemasson, University of Rennes, France
Eduardo Mercado, University of Buffalo, USA
Ádám Miklósi, Eötvös University, Hungary
Robert Mitchell, Eastern Kentucky University, USA
Tadamichi Morisaka, Kyoto University, Japan
Kazuo Okanoya, University of Tokyo, Japan
Mathias Osvath, Lund University, Sweden
Sergio Pellis, University of Lethbridge, Canada
Anne Russon, York University, Canada
Marek Špinka, Institute of Animal Science, Czechia
Masaki Tomonaga, Kyoto University, Japan
Jennifer Vonk, Oakland University, USA
Shige Watanabe, Keio University, Japan
Meredith West, Indiana University, USA
Deirdre Yeater, Sacred Heart University, USA

Editorial Assistants:

Holli Eskelinen, Pepper Hanna, Lauren Miller

ABC logo and cover designed by Conrad Eskelinen



Animal Behavior and Cognition

2015, Volume 2, Number 1

- 1 Sex Difference in Bottlenose Dolphin Sightings during a Long-term Bridge Construction Project
Ann Weaver
- 14 Synchronous and Rhythmic Vocalizations and Correlated Underwater Behavior of Free-ranging Atlantic Spotted Dolphins (*Stenella frontalis*) and Bottlenose Dolphins (*Tursiops truncatus*) in the Bahamas
Denise Herzing
- 30 Conceptive Estrus Behavior in Three Bottlenose Dolphins (*Tursiops truncatus*)
Holley Muraco and Stan A. Kuczaj II
- 49 Play Behavior in Crocodylians
Vladimir Dinets
- 56 Structure and Dynamics of Humpback Whales Competitive Groups in Ecuador
Fernando Félix and Johana Novillo
- 71 Mother-Offspring Signature Whistle Similarity and Patterns of Association in Atlantic Spotted Dolphins (*Stenella frontalis*)
Sara E. Bebus and Denise Herzing
- 88 Gotta Go, Mom's Calling: Dolphin (*Tursiops truncatus*) Mothers Use Individually Distinctive Acoustic Signals To Call Their Calves
Stan A. Kuczaj II, Holli C. Eskelinen, Brittany L. Jones, and Jill L. Borger-Turner
- 96 Functionality in Tool Use in Western Lowland Gorillas (*Gorilla gorilla gorilla*)
Matthew K. LeFauve and Susan W. Margulis
-