

**Editors:**

Jennifer Vonk  
Department of Psychology  
Oakland University  
654 Pioneer Drive  
Rochester MI 48309  
animalbehaviorandcognition@gmail.com

Michael J. Beran  
Department of Psychology  
Language Research Center  
Georgia State University  
University Plaza  
Atlanta, GA 30302  
animalbehaviorandcognition@gmail.com

**Associate Editor:**

Mark A. Krause  
Department of Psychology  
Southern Oregon University  
1250 Siskiyou Blvd  
Ashland, OR 97520  
krausema@sou.edu

**Editorial Advisory Board:**

Ikuma Adachi, Kyoto University, Japan  
Christian Agrillo, University of Padova, Italy  
Jason Bruck, Oklahoma State University, USA  
Thomas Bugnyar, University of Vienna, Austria  
Fay Clark, Bristol Zoo, UK  
Caroline DeLong, Rochester Institute of Technology, USA  
Justin Gregg, Dolphin Communication Project, USA  
Martine Hausberger, University of Rennes, France  
Lauren Highfill, Eckerd College, USA  
Heather Hill, St. Mary's University, USA  
Corina Logan, University of Cambridge UK - Max Planck, Germany  
Suzanne MacDonald, York University, Canada  
Yegor Malashichev, Saint Petersburg State University, Russia  
Eduardo Mercado, University at Buffalo, USA  
Ádám Miklósi, Eötvös University, Hungary  
Robert Mitchell, Eastern Kentucky University, USA  
Mathias Osvath, Lund University, Sweden  
Audrey Parrish, The Citadel, USA  
Sergio Pellis, University of Lethbridge, Canada  
Josh Plotnik, Hunter College, City University of New York, USA  
Darby Proctor, Florida Institute of Technology, USA  
Anne Russon, York University, Canada  
Marek Špinka, Institute of Animal Science, Czechia  
Masaki Tomonaga, Kyoto University, Japan  
Shige Watanabe, Keio University, Japan  
Jason Watters, San Francisco Zoological Society, USA  
Deirdre Yeater, Sacred Heart University, USA

**Editorial Assistants:**

Holli Eskelinen, Pepper Hanna, Lauren Miller

**Webmaster:**

Unicus, LLC

ABC logo and cover designed by Unicus, LLC

Cover: Gorilla gazing

Photo credit: Alexandra Haley



## Animal Behavior and Cognition

2018, Volume 5, Number 3

---

- 254 Do Dogs Demonstrate Susceptibility to a Vertically Presented Ponzo Illusion?  
*Sarah-Elizabeth Byosiere, Lynna C. Feng, Joyce Wuister, Philippe A. Chouinard, Tiffani J. Howell, and Pauleen C. Bennett*
- 268 Pheasants Learn Five Different Binomial Color Discriminations and Retain these Associations for at Least 27 Days  
*Jayden O. van Horik, Ellis J.G. Langley, Mark A. Whiteside, Christine E. Beardsworth and Joah R. Madden*
- 279 Asian Elephants (*Elephas maximus*) Discriminate Between Familiar and Unfamiliar Human Visual and Olfactory Cues  
*Emily J. Polla, Cyril C. Grueter, and Carolynn L. Smith*
- 292 Visual Processing of Faces in Juvenile Western Lowland Gorillas without the Use of Training or Reinforcement: A Pilot Study  
*Sydney Chertoff, Susan Margulis, and Jonathan D. Rodgers*
- 300 Visual Discrimination of Geometric and Complex 2D Shapes in Goldfish (*Carassius auratus*)  
*Caroline M. DeLong, Ashlynn M. Keller, Kenneth Tyler Wilcox, Irene Fobe, and Susan Ann Keenan*
- 320 Reviewer acknowledgments  
*The Editors*