Contents

1 Signaler and Receiver Psychology ........................................ 1
   Mark A. Bee and Cory T. Miller

2 Avian Auditory Processing at Four Different Scales: Variation
   Among Species, Seasons, Sexes, and Individuals .................... 17
   Kenneth S. Henry, Megan D. Gall, Alejandro Vélez,
   and Jeffrey R. Lucas

3 Perceptual and Neural Mechanisms of Auditory Scene Analysis
   in the European Starling .................................................. 57
   Georg M. Klump

4 Mate Searching Animals as Model Systems for Understanding
   Perceptual Grouping ....................................................... 89
   Hamilton E. Farris and Ryan C. Taylor

5 Why Complex Signals Matter, Sometimes ............................ 119
   Tricia L. Rubi and David W. Stephens

6 Communication Through a Window of Error: Proportional
   Processing and Signal Categorization .................................. 137
   Karin L. Akre and Sönke Johnsen

7 Social Recognition in Anurans ........................................... 169
   Mark A. Bee

8 Referents and Semantics in Animal Vocalizations ................... 223
   Marta B. Manser

9 Social Concepts and Communication in Nonhuman Primates ....... 251
   Klaus Zuberbühler
10 Decisions to Communicate in Primate Ecological and Social Landscapes .......................................................... 271
Camille R. Toarmino, Vladimir Jovanovic, and Cory T. Miller

11 Overcoming Sensory Uncertainty: Factors Affecting Foraging Decisions in Frog-Eating Bats ................................. 285
Rachel A. Page and Patricia L. Jones

Index ........................................................................................................... 313
Psychological Mechanisms in Animal Communication
Bee, M.A.; Miller, C.T. (Eds.)
2016, X, 320 p. 63 illus., 28 illus. in color., Hardcover
ISBN: 978-3-319-48688-8