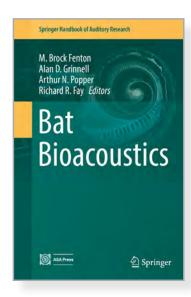
## **Book Announcement** | ASA Press

ASA Press is a meritorious imprint of the Acoustical Society of America in collaboration with the major international publisher Springer Science + Business Media. All new books that are published with the ASA Press imprint will be announced in Acoustics Today. Individuals who have ideas for books should feel free to contact the ASA Publications Office to discuss their ideas.

## **Bat Bioacoustics**



Editors: M.B. Fenton, A.D. Grinnell, A.N. Popper, R.R. Fav

**Series:** Springer Handbook of Auditory Research, Vol. 54 1st ed. 2016, XVI, 304 p., 70 illus., 21 illus. in color

**ISBN:** 978-1-4939-3525-3 978-1-4939-3527-7

**DOI:** 10.1007/978-1-4939-

3527-7

Series ISSN: 0947-2657

#### **Available formats:**

Hardcover: \$139.00 (price for USA)

eBook: \$109.00 (price for USA)

eBooks can be used on all reading devices.

Included format: PDF, EPUB

**Publisher:** Springer-Verlag New York

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In Bat Bioacoustics we briefly review the history of biosonar and echolocation (reminding readers of the 1995 Hearing by Bats). Adaptations for biosonar make one of the most fascinating stories in neuroethology. The auditory systems, biosonar signals, and their central role in the biology of bats are front and center in this story. Echolocation by bats has proven to be a virtual gold mine for colleagues studying neurobiology, while providing many rich examples of its impact on other areas of bats' lives. This volume is aimed at graduate students and postdoctoral investigators, as well as professionals and academics. It is intended to function as a highprofile and up-to-date reference work on bat bioacoustics.

We use a chapter on new findings in the phylogeny of bats to put the information that follows in an evolutionary context. This includes an examination of the possible roles of Prestin and FoxP2 genes and various anatomical features affecting bat vocalizations. We introduce recent work on the role of noseleafs, ears, and other facial components on the focusing of sound and collection of echoes.

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