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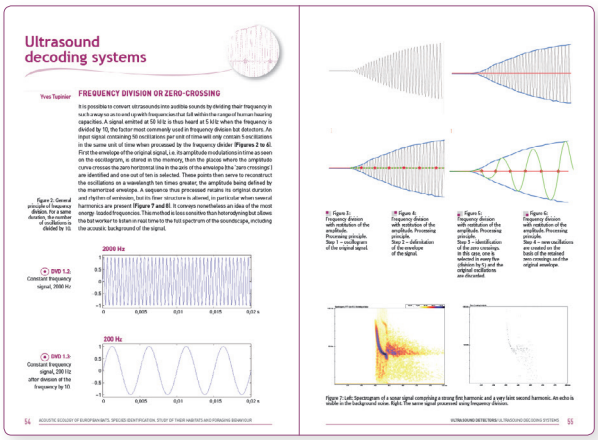
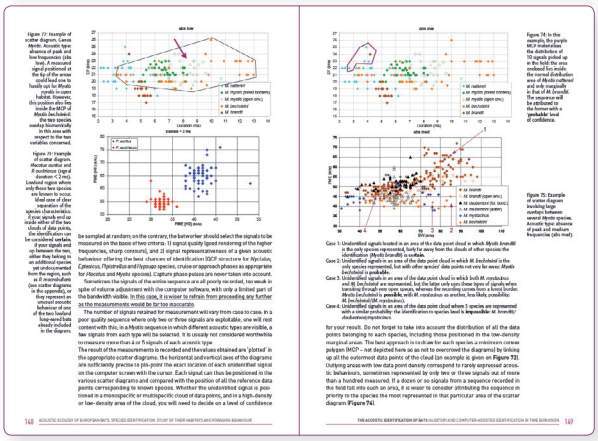
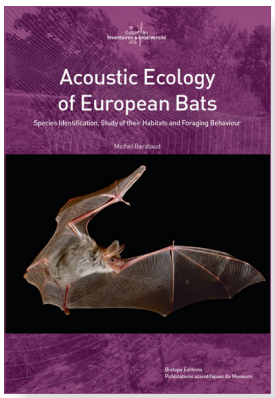




DVD :
includes numerous audio examples to illustrate the method as well as scatter diagrams for the identification of the emitting species



Inventaires & biodiversité, tome 8
165 x 240 mm relié / *hardcover*
texte en anglais / *text in English*
352 p., 204 figures coul., 29 photos coul., 29 tableaux, DVD
ISBN 978-2-85653-771-8
Prix / Price 49€ TTC (46,45 HT)

Distribué le 15 juillet 2015
Published on 15 July 2015

ACOUSTIC ECOLOGY OF EUROPEAN BATS

SPECIES IDENTIFICATION, STUDY OF THEIR HABITATS AND FORAGING BEHAVIOUR

Michel **Barataud**

THE AUTHORS

Michel **Barataud** has spent many years of research working on the bats of not only Europe, but also the Guianas and Lesser Antilles. He has developed a very efficient identification method and trained several hundred bat workers in ultrasound analysis. Yves **Tupinier** is an expert and pioneer on bat sonar.

THE BOOK

Bats, being nocturnal flying mammals, have developed a special and very efficient means of navigating in the dark: the sonar. Although the acoustic signals they emit are inaudible to the human ear, they can be perceived, recorded and analysed with appropriate equipment and software.
This book is a product of the knowledge and skill acquired by its author over more than two decades of constant research on the subject of ultrasound detection. The initial, purely auditory, approach is complemented by the computed-assisted analysis of the ultrasonic signals. With the method described in this book, a bat detector and a computer, the reader will be able to identify about 85% of bat acoustic records in Europe, carry out bat inventories and other more in-depth surveys without disturbing the animals. Thirty-five of the 42 European bat species, including all the most widespread species, are covered.

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Case postale 41 • 57 rue Cuvier
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