Introduction to Distance Sampling: Estimating Abundance of Biological Populations

S. T. Buckland, D. R. Anderson, K. P. Burnham, J. L. Laake, D. L. Borchers, Len Thomas
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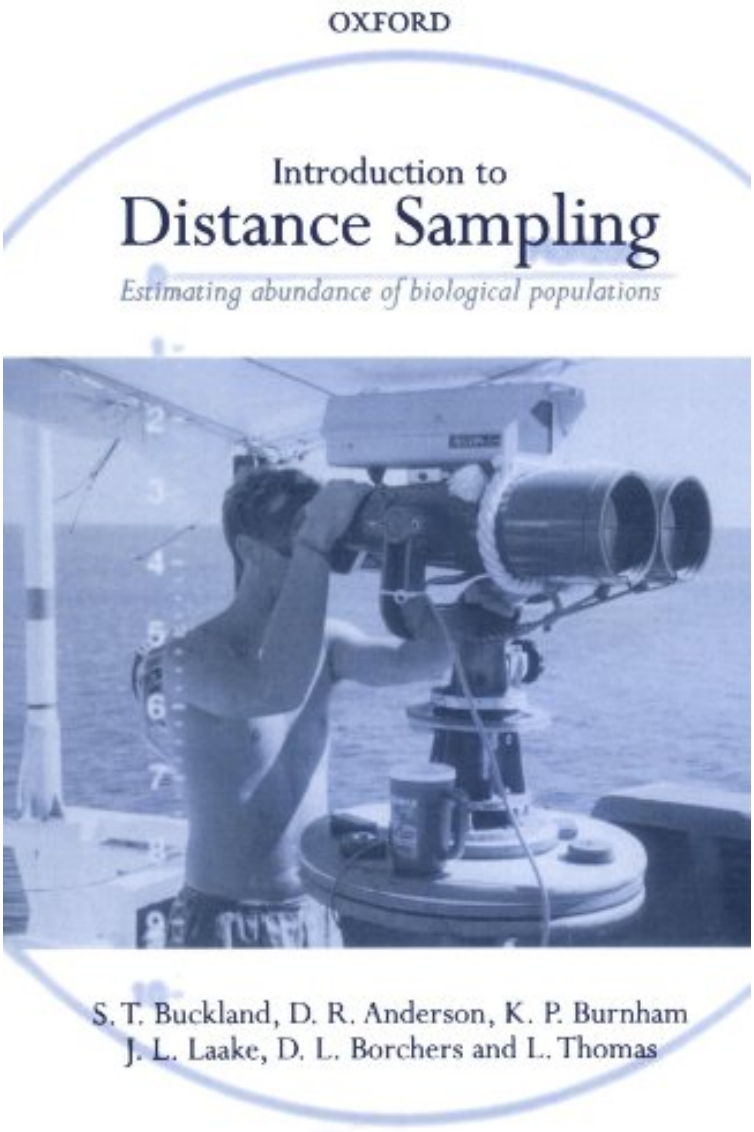

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S. T. Buckland, D. R. Anderson, K. P. Burnham, J. L. Laake, D. L. Borchers, Len Thomas : Introduction to Distance Sampling: Estimating Abundance of Biological Populations before purchasing it in order to gage whether or not it would be worth my time, and all praised Introduction to Distance Sampling: Estimating Abundance of Biological Populations:

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Offers a comprehensive introduction to distance sampling, a statistical method used by many biologists and conservationists to estimate animal abundance. The text discusses point transect sampling and line transect sampling and also describes several other related techniques. There are updates on study design and field methods, laser range finders, theodolites and the GPS and advice is given on a wide range of survey methods. Analysis methods have also been generalized, through the use of various types of multiplier and exercises for students in wildlife and conservation management are included.

"This text, an update of the 1993 book, Distance Sampling, provides a wide range of statistical methods to estimate the density or abundance of biological populations. The updated text features an extensive revision of the chapter on study design and field methods, and discussions of new technologies such as laser range finders, theodolites, and the Geographical Positioning System. It serves as a reference text for quantitative biologists, wildlife managers and statisticians involved in wildlife monitoring programs, as well as a text for graduate students in wildlife and conservation management. The six authors, from Scotland and the U.S., are specialists in this field."--SciTech Book NewsAbout the AuthorSteven Terrence Buckland is at University of St. Andrews, Scotland. David R. Anderson is at Colorado Cooperative Fish and Wildlife Research Unit, Colorado, U.S.A. .