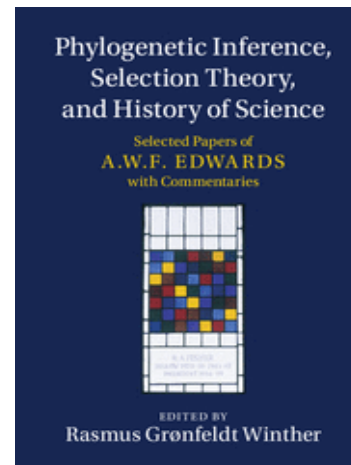


Phylogenetic Inference, Selection Theory, and History of Science

Selected Papers of A. W. F. Edwards with
Commentaries

Edited by Rasmus Grønfeldt Winther

A. W. F. Edwards is among the world's most influential mathematical geneticists. One of the last students of R. A. Fisher, he pioneered the statistical analysis of phylogeny in collaboration with L. L. Cavalli-Sforza, and he promoted Fisher's concept of likelihood as a standard of inductive statistical and scientific inference. In this book, edited by philosopher of science, Rasmus Grønfeldt Winther, key papers are reproduced alongside commentaries by leading scientists, discussing Edwards's influence on their own research and on thinking in their field overall. Edwards's own remarks, based on an extensive interview, are also included, and these help to contextualise his contribution and legacy. This book is intended as a resource not only to anyone interested in the history and philosophy of genetics, statistics, and science, but for scientists seeking to develop new algorithmic and statistical methods for understanding the genetic relationships between and among species both extant and extinct.



July 2018

247 x 174 mm 540pp 4 b/w illus.

Hardback 978-1-107-11172-1

<i>Original price</i>	<i>Discount price</i>
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