



Quantitative Ecology and the Brown Trout

By J. M. Elliott

OUP Oxford. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.1in. x 6.1in. x 0.7in. This book provides the first synthesis of quantitative information on brown trout ecology. By comparing the brown trout to closely related species such as the Atlantic salmon, the Pacific salmon, and the rainbow trout, the author illuminates key issues regarding animal ecology in general. Topics include the global success of the brown trout, long-term case studies of the dynamics of one brown trout population, ecological differences between brown trout populations, natural selection and genetic differences between brown trout, and the mechanisms responsible for population regulation in juvenile trout. The book ends with conclusions that can be drawn about brown trout ecology, a discussion of how those conclusions can aid in conservation and management, and an effort to identify areas in need of further research. The book emphasizes the development, testing, and use of realistic mathematical models that have proven so effective in the preservation of valuable species. Students and professional ecologists, fish biologists, and fisheries managers will welcome this incisive resource. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.

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