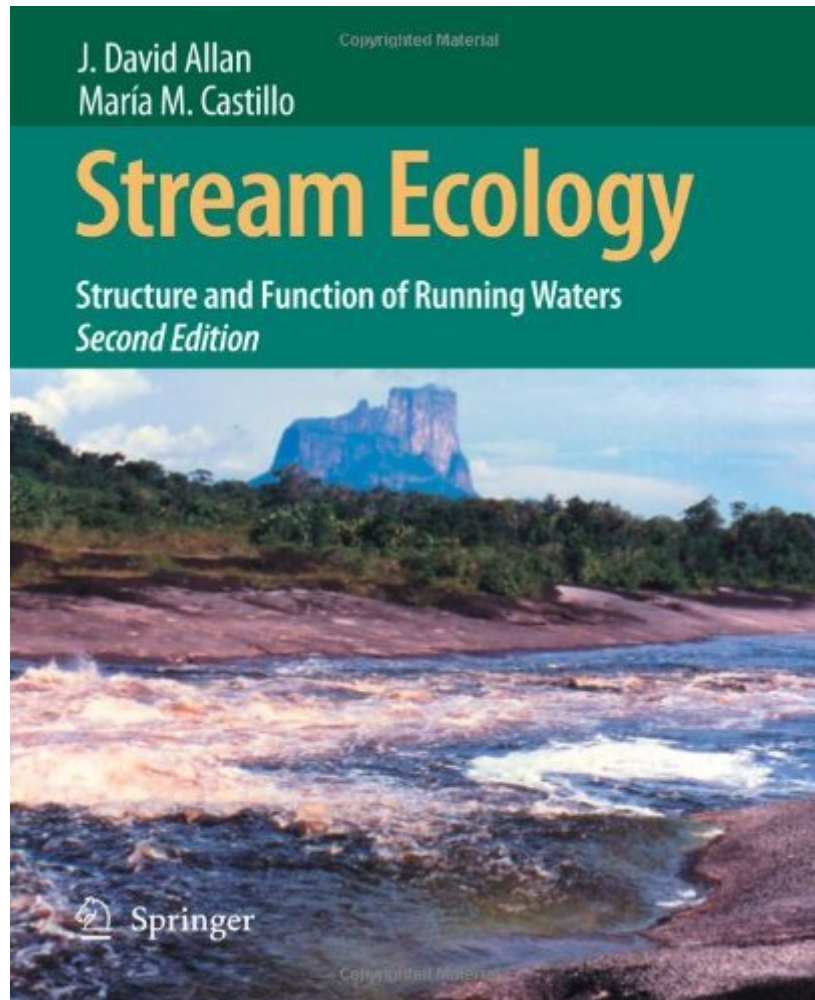




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# Stream Ecology: Structure And Function Of Running Waters



## Synopsis

A hugely important text for advanced undergraduates as well as graduates with an interest in stream and river ecology, this second, updated edition is designed to serve as a textbook as well as a working reference for specialists in stream ecology and related fields. The book presents vital new findings on human impacts, and new work in pollution control, flow management, restoration and conservation planning that point to practical solutions. All told, the book is expanded in length by some twenty-five percent, and includes hundreds of figures, most of them new.

## Book Information

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## Customer Reviews

This text is great. Excellent choice of material on the subject and good graphics! My only issue was that I couldn't get it in a hardback edition!

good

This book is one of only a very limited number I could find that reviewed stream ecology.

Unfortunately, the book is usable but not a great textbook. Although the authors do a good job of picking through the extensive literature in this field they do not distill the message clearly in many sections. Subheadings are used to combine the many sources that are used, but do not build a larger picture of streams. In an attempt to display the range and variation in streams the authors have gotten lost in the details. Without a clear larger message at each part it can often feel like a brain dump. The summaries at the end of the chapter suffer in a similar way, and are extremely dry and do not build the larger picture of a stream. The book does have plenty of information, and although there are some complicated figures, most figures are useful. For students interested in the field I will recommend this book until another version or a better book is produced. For those not familiar with the topic I would not recommend this book. It is too dry and technical without a clear picture of what a stream is, to be useful.

item received in poor condition. Binding poor. Pages fragile and near separating.

I bought this book because my class required it as a textbook. There's a substantial weight to it but it uses regular printing paper, not the smooth shiny stuff that is impossible to read under a light. There are 14 chapters in this book that all talk about a different aspect of streams such as : human impact, streamflow, abiotic environment and trophic relationships. The double-column formatting is broken every once in a while to include a graph or image that helps explain what the textbook is saying. Each chapter also has a one page summary that helps you recall all that you read. 4/5 stars: good book chock full of information in text and pictorial form. Just wish it wasn't such a slow read. But then again, which textbook isn't?

Relatively easy reading but fairly comprehensive for an introductory book, one of the few books I kept from college. It doesn't talk down to you or lose you in technicalities and jargon. The book arrived intact and on time.

I am a college student who was taught in a course using this textbook. From a student's perspective, the book was thorough and detailed but relatively unhelpful. The block text and lack of bolded words (or color, for that matter) was a huge deterrent to effective studying. These elements may not be important for professors, but they truly make a difference to students. The illustrations were confusing at best and unintelligible at worst (even reading the caption and text did not effectively explain the graph in some instances). All in all, it contained good information, but I

ultimately used it very little.

My interest in this book followed from a desire to obtain information that might help me outwit wild and wily trout by any and every means possible. And sure enough, this book contains a wealth of information. The only problem is that much of it is incomprehensible to the lay reader as opposed to the scientific community. For instance, here's what I encountered as I researched what and how fish eat (feeding ecology of riverine fishes): "Herbivorous fishes with scraping mouthparts such as the stoneroller *Campostoma anomalum* clearly have little in common with ooze feeders such as the blunt-nose minnow *Pimephales notatus*. Some benthic invertebrate feeders utilize prey primarily from soft bottoms (the suckermouth minnow *Phenacobius mirabilis*), others from stony bottoms (the greenside darter *Etheostoma blennioides*)."

OK...On the other hand, for biologists and advanced students of ecology the book presents a comprehensive exposition of technical information. And the rest of us, who may not be equipped to cut through the scientific jargon, will still take away a sense of the intricacy and complexity of the living systems of streams and rivers.

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