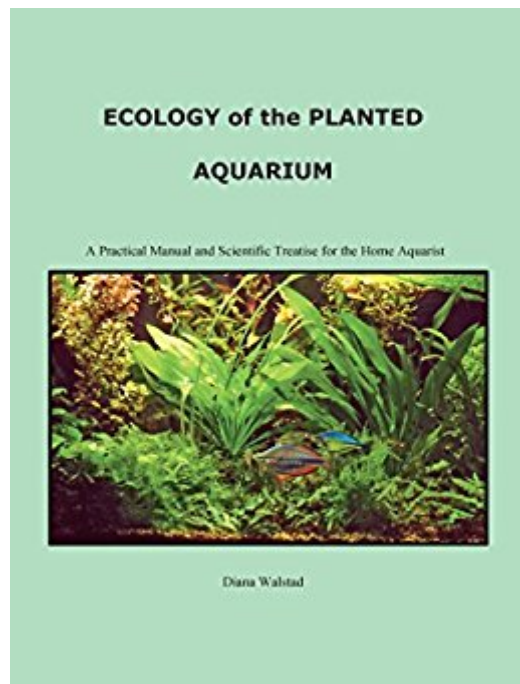




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# **Ecology Of The Planted Aquarium: A Practical Manual And Scientific Treatise**



## Synopsis

Book presents scientific information that hobbyists can use to set up and maintain successful planted freshwater aquaria. Book contains practical tips using a question-and-answer format in boxes scattered throughout the text. Although the author prefers “low-tech” methods, she lays out the science that underlies all methods. The author shows that hobbyists can create thriving planted freshwater tanks WITHOUT CO2 injection, fertilizers, expensive lighting, and other high-tech gadgets.

## Book Information

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## Customer Reviews

Provide information I'd didn't know and explained that which I did. Highly recommended to any wanting to setup a planted tank or like in my case to use plants in place of biological filtration. Properly understanding the interactions of plants with ammonium uptake in preference to nitrates is critical. This book provides the science one needs to comprehend so they can grasp why tanks with biological and plants still contain nitrates. The author also provides a comprehensive explanation of other impurities removed by plants and why going clinical or the normal heavy cleaning most do is impractical in the long-term. Understanding how nature works and finding the proper application

seems better. I've been debating with myself for decades to create a sump dedicated to growing plants for nutrient removal along with phosphates naturally versus the use of various reactors and constant water changes. Mostly for marine tanks via either macro algae or seaweed and in freshwater. This book has convinced me that going that route with floating plants will be the best course of action. More research still required on use of seaweed for marine. Regardless, the author has provided the basis for confirmation and inspiration to finally see it through.

Excellent treatise. This book goes well beyond general hobby lore and deals in detail with the ecology and chemistry of the aquarium. It has given me a new respect for the complexity of the interactions going on within an aquarium. It definitely provides information that the hobbyist can use to manage a more successful and healthy tank.

I have never in forty years seen such a complete, well-researched discussion of successful aquatic plant culture. The last chapter is a summary of all the previous chapters. If a reader wants to, he/she can skip to that chapter and get most of the "how-to's" the book contains. Personally, I read the whole book. Then, after reading the last chapter, I went back and re-read earlier chapters to gain a better understanding. This book doesn't have a lot of pretty pictures in it, so you likely won't leave it on your coffee table. It does have tons of hard information supported by experimental data and references to other studies. (I myself do not plan to follow the footnotes.) The reading can be kind of dry, but it makes a lot of sense after you see the conclusions. They say that information is useful only if it helps you change your decisions. This book will change the way I set up all my tanks in the future. Plus, it will save me a lot of money by not buying unnecessary products.

Wow ! Definitely the most in-depth book on aquarium fish and plant chemistry I've ever seen. I haven't had to use my high school chemistry knowledge for 30+ years until this came along. As I read it, problems in my aquariums were addressed in a very intelligent way. I'm sorry for those that find it too complicated. But this is where scientific knowledge and research meet with practical aquarium management. It's like having a biochemist sitting next to you and looking at your aquarium while talking about it and making recommendations. Invaluable ! Many thanks to the author for such a diligent piece of work...I'm reading it on a Galaxy notebook and not having any difficulty with the graphs and tables.

This book may be too detailed to please those looking for light general knowledge and a lot of

pictures. I wasn't! I wanted details about why my plants never grew the way pictures suggested they should. LFS's rarely could suggest other than to try to sell another product. Discussion groups, although useful, miss the mark often. This book doesn't, in my opinion. It's like talking to a college prof. who can explain on your level. This is not a picture book! There are a few detailed picture drawings, but no color pictures. If you want pictures, buy another book. If you want understanding and knowledge, buy this one. Some parts are dry and more than I was interested in, but the overall majority was very helpful in allowing me to understand how plants function, what they need to grow, how they use nutrients and most important, what the plants want, not what the aquarium, or the fish, or I want. This is a PLANT book, and a very good explanation of them.....my planted 55 has never looked so good, nor have I understood so well. My suggestion is to read it all, and use what makes sense to you for your tank. This is a book for your library.

As a newcomer to planted aquariums I knew I needed more information. This book provided a great deal of information. For this alone makes the book a great read. I have had to read the book twice just to try and comprehend the concepts. I still have a lot more experience, questions and reading to perform but thanks to this book I have a lot larger view of aquatic plant life than I could have ever conceived on my own.

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