

## **Additional Reading & Other Material of Interest**

Last updated: September 2019

Here are some books and other source material I own or that have been recommended by others and that I think would be of interest to the people who are interested in Koi, particularly in Koi health. - Spike (I may have categorized some of these incorrectly – sorry).

The comments after the names are the personal opinions of the reviewer and are not necessarily the views of this station (the obligatory, quasi-legal and PC statement <grin>)

Reviewers include:

Spike – Spike Cover

Duncan – Duncan Griffiths

REC – Richard Carlson

Chris – Chris Neaves

Ken – Ken Austin

Gary – Gary Elmore

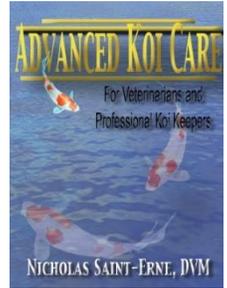
Dave B. – Dave Broscombe

### **Topic Categories:**

- \* p. 2 Fish Health, Disease & General Care
- \* p. 11 Aquaculture, Carp, General Fish, Engineering & other reference books
- \* p. 18 General Koi Books
- \* p. 23 Magazines and periodicals
- \* p. 24 Other Material

**Fish Health, Disease & General Care**

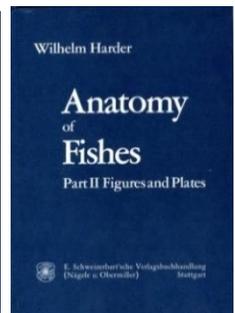
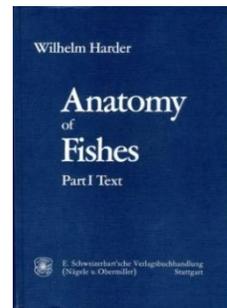
- **Advanced Koi Care**, Saint-Erne, Nicholas, (2003) ISBN 13: 9781592474004, 194 pages. Soft cover. May be purchased thru the AKCA book store or from Saint-Erne directly.



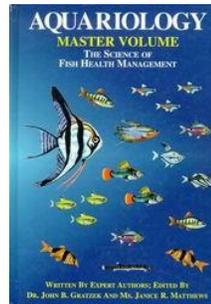
Spike – Finally published (by Nick), this is the textbook for the Koi Health Advisor course. Good and fairly complete info on koi health and disease. It's more advanced than ELJ's book. But, the first printing had poor pictures and a binding that started falling apart way too early. Spiral bindings like Erik Johnson's and Duncan Griffiths' books are much more practical and much easier to lay flat pond-side. Another printing was done with a spiral binding (and an unusual cover that wraps around the spiral binding making the book's title and author visible when shelved).

- **Anatomy of Fishes, Second Edition**, Harder, Wilhelm; Transl.: Sokoloff, Stephen. E. Schweizerbart'sche Verlagsbuchhandlung (Nägele u. Obermiller), Stuttgart, Germany (1975) ISBN 9783510650670. 744 pages, 338 figures, 14 tables, 13 plates, 24x17cm. Hardcover.

Spike: This is a KILLER, two volume set. Part I is text and tables, Part II is the illustrations and pictures. This is a classic German "over-done in spades" work. Luckily anatomy doesn't change like the scientific world's perspective of physiology does. So being written in 1975 doesn't make it as outdated as works might be that were written on other subjects which tend to change more quickly.



- **Aquariology, Master Volume, The Science of Fish Management**, Gratzek, John (1992) ISBN 1564651053. 330 pages. Hardcover.

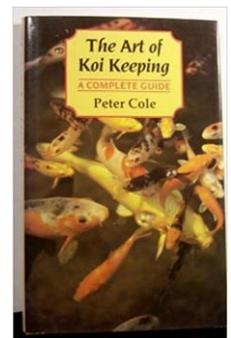


Spike - A good general book written on a level that advanced hobbyists can appreciate. Not written specifically for koi but a good book for basic fish anatomy and physiology, immunology, parasites and diseases. Moderately technical.

REC – got this one... it is OK.

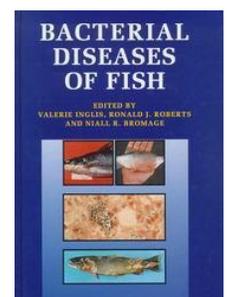
- **The Art of Koi Keeping**, Peter Cole. (1990) ISBN 0713721413. 126 pages

Dave B. – "Peter in this book takes away from our hobby that what is mysterious to the newcomer, it is a fully comprehensive read that covers all the bases but keeps it simple, (our book has those ever present bit's of paper sticking out at pages we find interesting), it has helped us out with a problem more than once", (a must for the new and experienced).

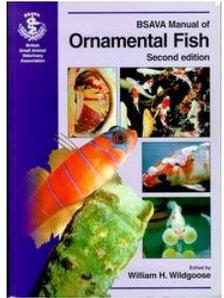


- **Bacterial Diseases of Fish**, Inglis, Valerie, et. al. Blackwell Science Ltd. (1993) ISBN 0632034971, 312 pages. Hard cover.

Spike – This is a very good book on exactly what its title says. You can find it all in this one. It discusses morphology (what the bugs look like), clinical signs, tests, epizootiology (when and where it usually occurs), and some cures. And for those who aren't into reading about them, there are also some nice colored pix of diseased fish.

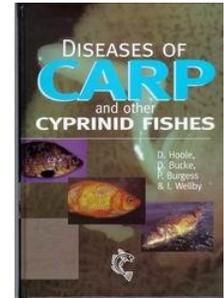


- **BSAVA Manual of Ornamental Fish**, Second Edition. Wildgoose, William H. British Small Animal Veterinarian Association (2001) ISBN 0905214579. 304 pages. Soft cover.



Spike – William Wildgoose is a British vet who was one of the founders of Koi Health Quarterly (reviewed elsewhere in this document). He seems to have done an excellent job with the subject and while I haven't gotten all the way thru it, the book seems very complete. It's not a strictly koi book but there is considerable applicable info on koi.

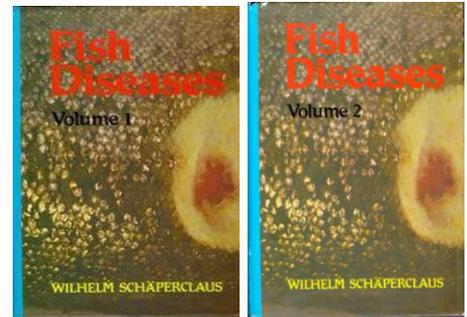
- **Diseases of Carp and other Cyprinid fishes**, Hoole, D., et al (2001) ISBN 0852382529, 264 pages. Hardcover.



Spike - This is a technical book that addresses diseases only and does a very good job of that. It cannot be looked to for cures. Has a very good glossary.

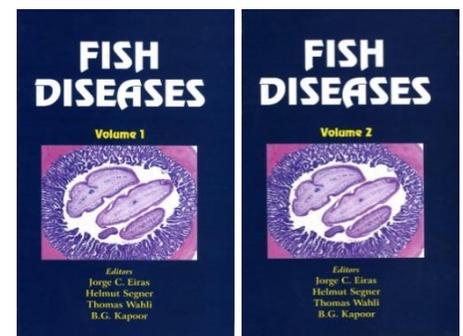
REC – I have this one and agree with your assessment [referring to Spike's]

- **Fish Disease**, Volumes 1 & 2. Schäperclaus, Wilhelm, (1992) ISBN 9061919509 (set) – 1398 pages (total, both volumes). Hardcover.



Spike - A very detailed book that focuses on the food fish of Europe. Common carp predominate as the species most often referred to in the text and it therefore offers much information applicable to koi culture. Very technical and only for the most advanced hobbyists. Originally recommended to me by Gerry Preston (hobbyist par excellence!) **This is without a doubt the “Mother of all fish disease books.”**

- **Fish Disease**, Volumes 1 & 2 – Eiras, Jorge; Segner, Helmut; Wahli, Thomas; Kapoor, B.G (2008). ISBN: 9781578084388 (set) Science Publishers, Enfield, NJ. 1312 pages, Hardcover.



Spike - This book is for the fish scientist, fish professional, aquatic veterinarian or the very advanced hobbyist. It has an extensive index (42 pages with two columns on each page) which is extremely important in a reference book. Unfortunately, there is no indication in the pages listed whether they are the main subject of the reference or merely mentioned. So the reader often needs to do some considerable searching.

This is very good book with many up to date contributions by authors who are current in their subjects, e.g., Dixon's description of koi herpesvirus (KHV) which was unknown at the time of the original “Fish Diseases.” BTW, the KHV review by Dixon is very good albeit a couple of years outdated at the time of this review.

Unfortunately this book has the same title as Wilhelm Schäperclaus' classic work on the subject. I can't imagine that editors were unaware of the great man's work. And also oddly enough, none of the editors contributed any chapters to the book.

- ***Fish Disease, Diagnosis and Treatment***, Noga, Edward (1996) ISBN 1556643748. 367 pages. Hardcover.

REC – excellent reference. I use it often to correlate other sources of information.

Spike – This is a great book. The more I use it, the better I like it.

- ***Fish Diseases***, Dulin, Mark (1988) T.H.F. Publications ISBN 13:9780876665244. 96 pages. Hardcover.

- ***The Fish Immune System***, Iwama, George (1996) Academic Press, Library of Congress Card Number: 76-84233. 380 pages. Hardcover

Spike – only for hardcore fish geeks. Tim Miller-Morgan recommended it.

- ***Fish Medicine***, Stoskopf, Michael (1993) ISBN 0751626297. 882 pages.

Spike – Once considered by many as the ‘Gold Standard’ of fish medicine. Not geared specifically to koi or carp but these fish are covered in the book. Covers basic anatomy, physiology, clinical pathology and medicine for all types of fresh and marine fishes. Fairly technical. Not for any but the more advanced hobbyists.

REC – I keep this one under my pillow....

- ***Fish Pathology, Third Edition***, Saunders, W.B., Edit. Roberts, Ronald (2001) an imprint of Elsevier Limited. ISBN 0702025631. 472 pages. Hardcover

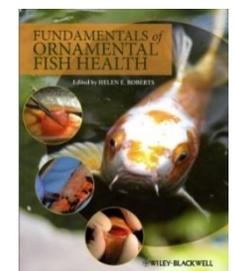
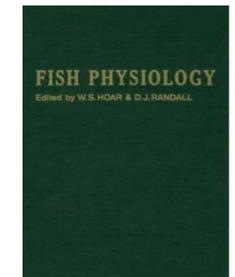
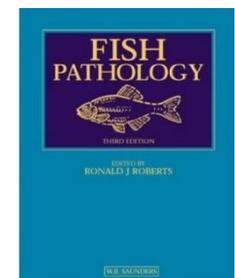
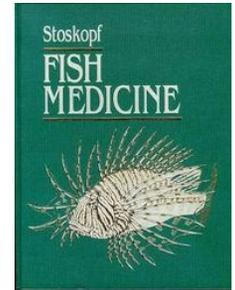
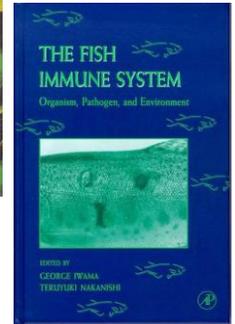
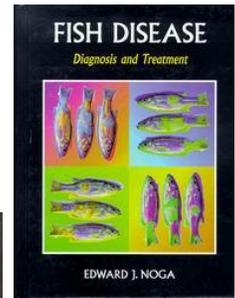
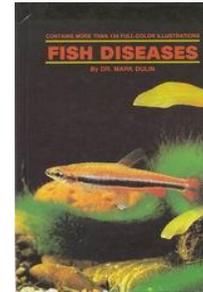
Spike: Review later.....

- ***Fish Physiology, Volume VI, Environmental Relations and Behavior***, Hoar, W.S. & Randall, D.J., (1971) Academic Press, Inc., New York, NY. Lib. Of Congress Cat. Card Number: 76-84233 559 pages. Hardcover

Spike: I bought this book used and cheap. Haven’t read it yet but it’s old and likely outdated. That said, it may actually have some interesting stuff in it. If I find anything useful, I’ll try to remember to post it here.

- ***Fundamentals of Ornamental Fish Health***, Roberts, Helen editor (2010). Wiley-Blackwell, Ames, IA. ISBN 9780813814018. 229 pages, softcover.

Gary - Just received the new book [March 2010] edited by Helen Roberts. It is geared towards bringing a vet or vet tech into the field of ornamental fish medicine. Has some really cool chapters and talks about surgery, meds, diagnosis etc. Many of the authors are names you would be familiar with- Tim Miller-Morgan, Brian Pallimero, James Sheldon, Helen Roberts, are just a few. Very good read and well worth adding to your collection.



- ***Furunculosis, Multidisciplinary Fish Disease Research*** Bernoth, Ellis, Midtlyng, Olivier & Smith. Academic Press, London, U.K. (1997). ISBN: 0120930404. 529 pages. Hardcover.

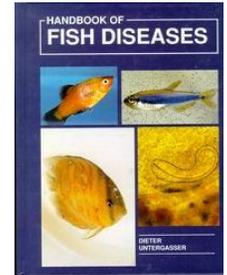
Spike: Furunculosis is believed to be caused by *Aeromonas salmonicida* and is known as “ulcer disease” or “hole-in-the-side” by Koi keepers. Furunculosis was first described over 100 years ago (1894, in Germany) There are 18 chapters in this book that review and evaluate the individual disciplines that have lead the then current (1997) understanding of this economically important disease.



- ***Hand Book of Fish Diseases (All Fish)*** Dieter Untergasser (1989) ISBN 0866227032, Hardcover.

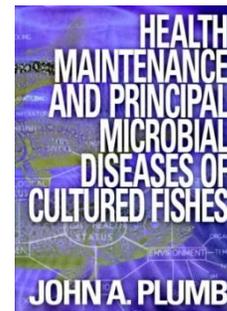
Dave B. – "Dieter Untergasser has created in this book an in depth, yet easy to follow guide to fish diseases. It is full of great photographs with microscopic views of every nasty you can think of. it is a well thought out book", ( a must for any fish keeper ).

Duncan - Just love this book, it's got to be one of the all time great chemical treatment references, and disease references, honest you will never of heard of a lot of them. Great decision tree at the beginning.



- ***Health Maintenance and Principal Microbial Diseases of Cultured Fishes*** – Plumb, John. Iowa State Press, Ames Iows (1999) ISBN 081382298. 328 pages, Hardcover.

Spike – If you increase your resolution, you will hopefully be able to read what's on the included scan of the back cover.



- ***Manual of Fish Health*** Dr. Chris Andrews (1996) Salamander Books ISBN 0861013689

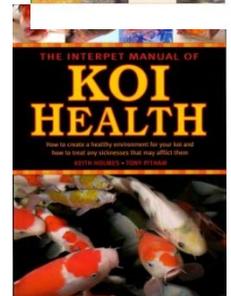
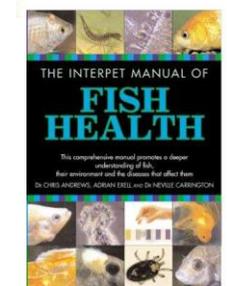
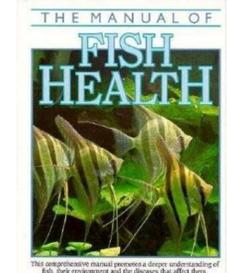
Dave B. – "This book is the one that did it for me!!!... At the end of my tether and about to give up keeping Goldfish, after a spate of deaths (prior to discovering Koi). Val bought it for my Birthday ", (it is the most dog eared book in our Library full of bits of paper marking pages of interest, it is a fish bible that even has connections through Adrian Exell to Plymouth, (he studied fisheries sciences at the Plymouth Polytechnic (now University), though not exclusive to Koi. I would strongly recommend it to any fish keeper its a Must).

- ***The Interpet Manual of fish health*** revised (formally Salamander Books) Authors as with the manual of Fish Health (2002) ISBN 1842860674 "See the above!!!... This is a newer updated Version of the same book But is Even Better".

- ***The Interpet Manual of Koi Health*** Holmes, K. & Pitham, T. (2004) Interpet Publishing ISBN 1842860992 – 160 pages. Hardcover.

Spike – The book gives Peter Burgess, Paula Reynolds and William Wildgoose as consultants. That's a good sign up front.

Dave B. – "Keith and Tony in writing this book have surpassed themselves!!!... It is a



masterpiece, a book that will help people in the hobby for many a year to come. It is on a par with the Manual of fish health. Already it has little bits of paper marking out pages to of interest beautifully illustrated and easy to use" (strongly recommended).

- ***Koi and Garden Ponds: Complete Introduction*** Dr. Herbert R. Axelrod (1987)  
ISBN 0866223991

Dave B. – "Dr Axelrod again produced a good little book for the novice but again the book is getting more than a little dated (good for the beginners out there in Koi land).

- ***The Koi Doctor, Your guide to keeping healthy koi*** (English translation)  
Lammens, Maarten, Drukkerij Paesen Publishing (2004) ISBN 9080856630  
175 pages. Hardcover.

Spike – This is a very good book on koi health and disease. Lammens is a vet in Belgium with about 8 years of koi experience (as of 2004). The book is well written and has excellent pictures. It has good sections on examination, diagnosis, and treatments. Only read about ½ of it so far. Some things look a bit questionable (like the graphic of the koi internal anatomy) but on the whole, it looks like a book that is very worthwhile owning. I wish it had an index but it does have a very comprehensive table of contents. The graphics are superb. You have to believe that anyone that can present sick fish in a way that looks not all that offensive is on the right track!

Dave B. – "In writing this book the Author is taking the Koi keeper to the next level. It's well illustrated easy to understand and pleasing to read. It is full of helpful tips, it gives us simple solutions when and where it can and in my book it ranks amongst the best, it even covers complex operations and just about covers everything you need to know " (A great Buy).

- ***Koi for Dummies*** - Bartlet, R.D. & Patricia, Wiley Publishing, Inc. Indianapolis, Indiana.  
(2007) ISBN 9780470099131. Paperback. 272 pages.

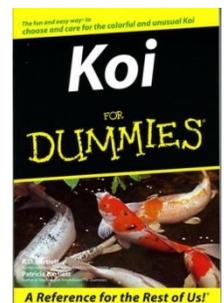
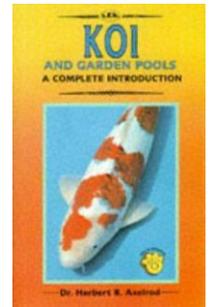
Ken: I have always liked the “\_\_\_\_\_ for Dummies” books for their ability to make complex concepts easy to understand. *Koi for Dummies* takes a similar approach in explaining things to the novice Koi keeper. They start with the assumption that you know Koi are fish, you know fish need water, and you know fish need food. The extreme novice Koi keeper fits that description quite well. This means the authors are trying to convey a lot of complex information to an audience that is just now learning about their hobby.

The book is organized into five parts and if you like to read the last chapter first, to see how the story ends what you will find are some checklists for response to power outages and a health review of your fish. These are great tools for the novice faced with emergencies early in the hobby.

The other four parts of the book cover some background information about Koi, the basics of a healthy Koi habitat, how to care for Koi, and finally the most publicized part of the hobby – breeding and showing Koi.

It is unfortunate that the authors provide incomplete and incorrect information on the important subject of water quality. For example:

On page 135 they discuss what to do about ammonia readings that are consistently too high and only suggest that the problem may be due to either a new pond, the pump may not circulate enough water, or



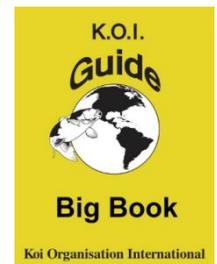
there are too many fish. This explanation overlooks the multiple sources of ammonia and the debilitating conditions a bioconverter may suffer. Water additives to treat high ammonia conditions are only given brief mention in a suggested list of items in what the authors call “Koi’s First-Aid Kit” (page 68).

On page 136 the authors stipulate “the perfect pH range for a koi [sic] pond is 6.8 to 7.2”. The implication to the novice is if their pond water does not test in that pH range, they should do something about it. To complicate matters further the authors suggest “well-intended people will insist (in gentle, soft voices) that adding baking soda is an easy, safe way to lower [sic] the pH”. They go on to say “skip the baking soda” (another implication to novices to never consider using baking soda). At the same time there is no mention in the entire book of total alkalinity and how that relates to pH and the addition of baking soda.

On page 186, the subject of water quality is discussed in detail as “the biggest source of potential stress for your koi [sic]”. Although that assertion may be true, it ignores the frequency of fish kills by well-meaning Koi keepers who fail to maintain water quality. I would prefer to see a discussion of water quality as a Koi health issue instead of a Koi stress issue.

In summary, *Koi for Dummies* although a good summary of information for those new to the hobby it does contain incomplete, and misleading information.

- ***K.O.I. Guide*** Edited by Spike Cover (2012 Updated Annually) Koi Organisation International 100+ pages (additional each year) Binder Style (4 5/8” x 7”) [www.KoiOrganisationInternational.org](http://www.KoiOrganisationInternational.org)

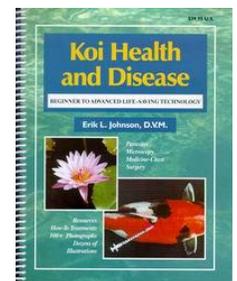


From the Guide: “...this Guide is not for beginners, but rather for intermediate and advanced hobbyists who bring with them a reasonable understanding of the dos and don’ts of Koi...”

Spike – This is a reference book compiled from many reliable sources and is intended for all those things you need but just can’t remember or don’t want to trust to your memory.

- ***Koi Health and Disease***, with appendixes – Johnson, Erik (1997) Self-published 141+ pages. Spiral bound paperback.

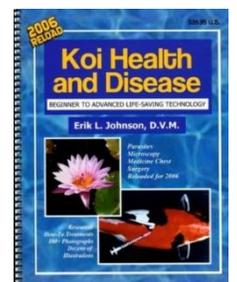
Spike - Basic book written in lay terms, most common situations covered. If you only have one book on koi health, this should probably be it. Somewhat dated, some errors, but still one of the best for koi health and disease.



Duncan - I must echo Spike's thoughts about this book, this IS the book that is a must have. It is also the one to travel with if only for dose rates and chemical references, it's no great shame to look a dose rate up pond side rather than dose wrong, and this is the book for that purpose.

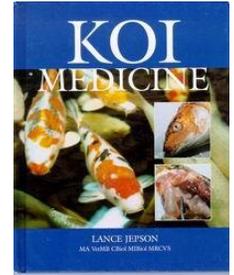
REC – The KHA should be required to have this book. If for no other reason, this is required reading for every koi owner and the KHA should recommend this book. This is not an endorsement of Eric Johnson, but hands down, no other book covers the needed topics for successful koi keeping like this one.

- ***Koi Health and Disease - 2006 Reload*** – Johnson, EL – Reade Printers (2006) ISBN 9781304836557 204 pages. Spiral bound paperback.



Spike – For all of us ELJ fans, this was a welcome update. For the most part it's the classic Doc Johnson we've come to know and love. I'm making a little “Spike errata” as I read thru it and will try to post it here eventually.

- **KOI Medicine** – Jepson, Lance MA VetMB CBiol MIBiol MRCVS. Kingdom books (2001) ISBN 1852791772. 104 pages. Hardcover.

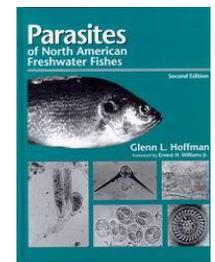


Duncan - As you can see this book is bang up to date written by a vet and starts with an excellent water quality section, and moves into physiology. Excellent dissection pictures before moving into clinical problems and treatments. Neat, cheapish and informative book, be warned although small it is an in depth book and you will need to be up to scratch on your chemical ID symbols and Periodic Tables [as] he uses them a lot, my favorite read at the moment.

Spike – Excellent book. I find something new and worthwhile each time I read it.

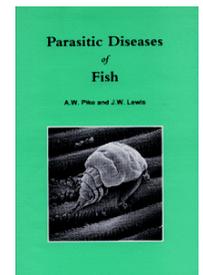
Dave B. – "Lance has done it!!!.... the cross over between the vet and the Koi keeper, yet I find this book a little confusing in its layout," Perhaps it's just me". I'll have to go back through this book to see if I can get it clearer in my mind. It is a comprehensive book that covers a large section of problems, yet strangely I can find no mention of KHV in this book". (A must).

- **Parasites of North American Freshwater Fishes**, 2nd Edition. Hoffman, Glenn. Cornell University Press (1998) ISBN 0801434092, 539 pages. Hardcover.



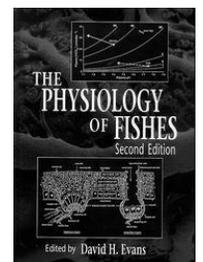
Spike – Every parasite of freshwater fish known to man (and then some). Much of the information is apparently in the reference material as the text on each parasite is very limited.

- **Parasitic Diseases of Fish**. Pike & Lewis. (1994) Samara Publishing Limited, Dyfed, UK ISBN 187369203X, 251 paged, paperback.



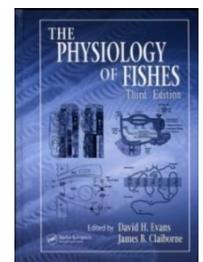
Spike – This book is probably not for Koi keepers. The parasites described, outside of Ich and flukes, are not often seen (or at least not often diagnosed) in our koi. Save your money and if you want anything from this one, just contact me.

- **The Physiology of Fishes**, Second Edition, Donald H. Evans (1998) ISBN 0849384273. 519 pages. Hardcover.



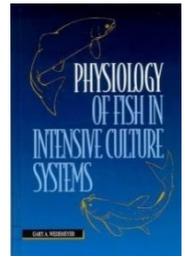
Spike - Very technical, very detailed, very good if you want to know the inner working of fish in minute detail. Don't even look at the cover if you're not a techno nerd – it will blow your brains out! (or at least give you a headache)

- **The Physiology of Fishes**, Third Edition. Evans, D. Claiborne, J. Taylor & Francis Group, New York (2006) ISBN 13-978084932002 Hardcover



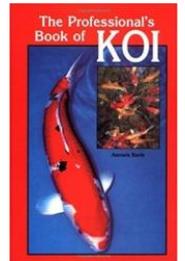
Spike - Very technical, very detailed. The editors have employed a whole new group of authors for this edition reportedly so that fresh approaches would be taken to the subjects. Much of the info, e.g., Locomotion, has little or no interest for Koi hobbyists but other chapters promise the opposite.

- *Physiology of Fish in Intensive Culture Systems*, Wedemeyer, Gary (1996) International Thompson Publishing ISBN 0412078015. 232 pages. Hardcover.



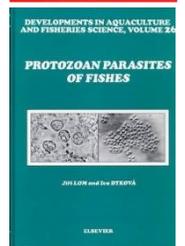
Spike – This seems like a very good book. I just got it (Dec '03) and have already found lots of useful information. Tim Miller-Morgan recommended this one.

- **The Professionals Book of Koi** Anmarie Barrie (1992) TFH Publications ISBN 0866225285



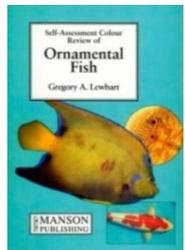
Dave B. – "Anmarie Barrie has put together a fascinating book which has great photographs. It covers all the aspects of both Koi care and maintenance; it does a great job of cutting through the often confusing list of Japanese names. It's a book I like to reference quite often". ( a great book for both the novice and experienced Koi keeper alike).

- *Protozoan Parasites of Fishes*. Lom & Dykova (1992) Elsevier Science Publishers, B.V. ISBN 0444894349, 315 pages – Hardcover



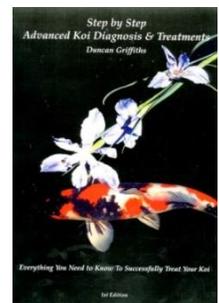
Spike – Much more text about each parasite than Hoffman - so you don't have to go to the references to find much of the information (like you do with Hoffman).

- *Self Assessment Color Review of Ornamental Fish*. Lewbart, (1998) Greg. Manson Publishing, ISBN 1874545812. 192 pages. Soft cover.



Spike – A very good practical book for we koi hobbyists and amateur fish fixers (and I'm sure for vets too). Lewbart has included many examples that deal with koi. Also some of the diseases and problems where other fish are used as examples are also applicable to Koi. It's worth while adding to your library.

- *Step by Step Advanced Koi Diagnosis and Treatments (First Edition)* – Griffiths, Duncan. Des Harris Publisher (2005) no ISBN number, 147 pages. Soft cover, spiral bound. Order from the Koiquest & Koi-Unleashed website: <http://www.koiquest.co.uk/>



Spike - Duncan Griffiths, British koi keeper and experienced fish fixer, has written and published a new book, Step by Step Advanced Koi Diagnosis and Treatments. The book was an outgrowth of a continuing education course that Duncan did for the AKCA's Koi Health Advisor program - a course that received rave reviews from the KHAs that took his classes.

The book is a true soup-to-nuts treatment of the title's subject, it is well illustrated and has a comprehensive index, a very important feature for a good reference book. It covers water problems, parasites and bacterial, viral and fungal diseases. It even has a section referred to as "Bonus Tracks" where Duncan explains microscopes and microscopy, has a diagnosis decision tree and shows some minor surgery.

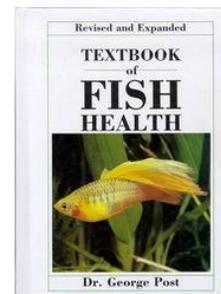
This is definitely not a stuffy academic text on theory. Duncan's "colourful" way of writing, using lay language liberally sprinkled with British expressions, adds interest to the subject. And, it also leads us the conclusion that Duncan is definitely a straight forward and hands-on kind of guy. That said, Duncan has included discussions of some of the more complex subjects such as bacterial cultures, staining, and sensitivity testing as well as parameters like Redox or oxidation reduction potential (ORP).

Anyone from a novice koi keeper to the most advanced koi professional can get something from this book. **If you're building a serious koi library, this is one book you need to have.**

Dave B. – Duncan has written a masterpiece with his book, at the moment I am only halfway through this book, It is easy to understand as Duncan has masterfully presented the book in lay man's terms, reading it is like re learning everything you thought you knew!!!... but with that bit extra (I'll report more on this book at a later date ) but so far wow what more can I say". (You really need to buy this book).

- ***Textbook of Fish Health.*** Dr. George Post. (1987) TFH Publications  
ISBN 0866224912. 288 pages

Duncan - A toooooo much book! For those who want to know about the inner secrets of virus, bacteria immune systems and much, much more. This is a great book. Heavy going but well worth both the money and the time it takes to digest all its data. My personal choice with more info than a brain should have to handle.



Dave B. – "Dr Post has created a really technical book here, more for the student than the Koi keeper but if you can understand it, it gives you a great insight into subject of Fish health, parasites and diseases of fish". (I found this book mentally taxing and had to put it away for another day, I'm not the student type).

- ***The Ultimate Koi*** Nick Fletcher (1999) Ringpress Books Ltd. ISBN 1860541461.

Dave B. – "Nick surpassed himself with this book; he has gotten together a relative who's who of specialist consultants in the creating of this book. It is split into three parts, covering in part one anatomy and Physiology, Koi senses; Koi varieties and an amazingly in depth look at Tatigio. In part two we look into the Koi environment, pond construction and filtration, seasonal changes and great tips on how to run your pond. "Then the icing on the cake", In part three we look into the aspects of Koi care telling us about handling .feeding and breeding Koi". (buy this book its a must have).



## Aquaculture, Carp, General Fish, Engineering & other reference books

- ***Aeration, a Wastewater Treatment Process*** – Water Environment Federation & American Society of Civil Engineers (1988) ISBN 0872626733

Spike – I know why I bought this book – to learn about aeration. However, unless you're interested in the aeration for the treatment of sewage, don't waste your money.

- ***Aeration: Principles and Practice*** Mueller, J.; Boyle, W.; Pöpel, H. (2002). CRC Press, LLC, Boca Raton, FL. ISBN: 1566769485. 353 pages, hardcover.

Spike: This is Volume 11 from the Water Quality Management Library so this is also a book on the aeration of waste water. However and that said, it also fortunately contains information that can be used by others, e.g., Koi keepers, seeking information about how and why aeration works.

There is information on how airlifts work, how much oxygen is transferred to the water when bubbles form and as they rise, and all sort of other things that should prove interesting and useful to the techno-geeks amongst us.

- ***Aquacultural Engineering*** - Wheaton, Fredrick, (1993) (with corrections), ISBN 0894647685. 708 pages. hardcover.

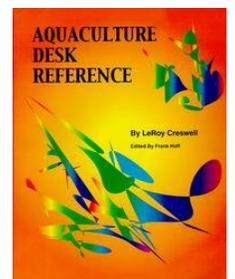
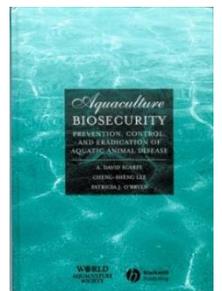
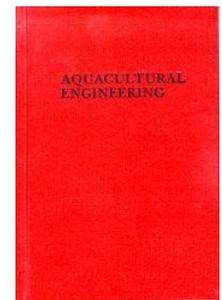
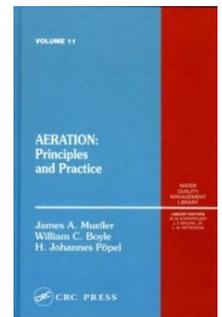
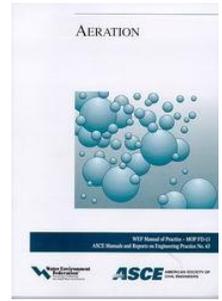
Spike - This is the book for engineering theory and practice relating to everything that's aquaculture. Way too much for the average hobbyist. This is a book for Norm Meck and Joe Cuny (and, I guess me <silly grin>).

- ***Aquaculture Biosecurity, Prevention, Control and Eradication of Aquatic Animal Disease*** Scarfe AD, Cheng-Sheng Lee, O'Bryen PJ (2005) ISBN 0813805392 182 pages Hardcover.

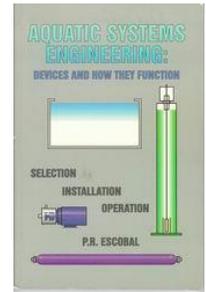
Spike – Bought the book for ½ price on Amazon then found out I could have gotten it for ¼ the price on Ebay. Bummer. Anyway, the book seems mostly for government types and those who interface with them. There is a very good chapter (8) that deals with Disinfectants, disinfection and Biosecurity in Aquaculture. This is actually what I had hope the book would be about. The only individual review of the book I saw online said, "I expected more." I guess that sums up my feelings too.

- ***Aquaculture Desk Reference*** Creswell, LeRoy (1993) ISBN 041207561X 205 pages. Paperback.

Spike - This is a book of facts only. It has: Conversions and equivalents, Water chemistry, Enrichment formulations, Plumbing and materials, Feeds and nutrition, Aquaculture ponds, Chemicals and Treatments and references. Not surprisingly a Brett Rowley recommended book.

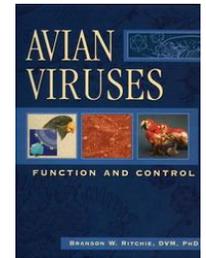


- ***Aquatic Systems Engineering*** - Escobal, P.R. (1996) ISBN 1888381051 205 pages. Paperback.



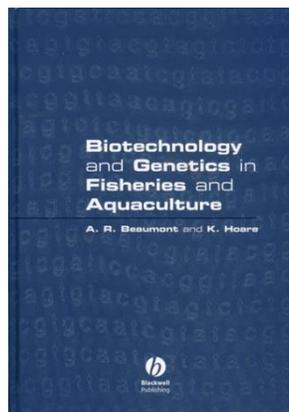
Spike - This is a small book that is at the same time basic and technical. It explains basic concepts but has differential equations to prove the points. If you look past the sometimes complex math and just read the ‘so what’ part, it’s very informative.

- ***Avian Viruses, Function and Control*** – Ritchie, Branson – Winters Publishing, Inc. (1995) ISBN 0963699636 525 pages. Hardcover.



Spike – This may seem an odd book to be on the list of recommended reading for info about Koi but Bran Ritchie has included a lot of information to useful understanding the viral diseases that affect our fish. Chapter one, for instance, is an overview of viruses and how they operate. The book is written such that it is understandable by us lay folk and I highly recommend it if you really want to understand viruses.

- ***Biotechnology and Genetics in Fisheries and Aquaculture***, Beaumont & Hoar (2003) Blackwell Science, Ltd., Oxford, U.K. ISBN: 0632055154. 158 pages. Hardcover.



### **Biotechnology and Genetics in Fisheries and Aquaculture**

A. R. Beaumont and K. Hoare

The recent development of molecular biology and genetic techniques, in particular those that are increasingly being used in practical situations in fish biology, fisheries and aquaculture, has led to a gap in the understanding by many of the science behind these techniques and their correct implementation for maximum results.

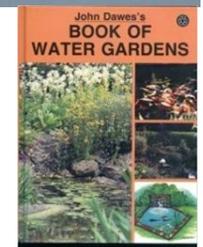
The authors of this important book, Andy Beaumont and Kate Hoare, have written a text of great clarity, which carefully explains the science and application of molecular and genetic techniques to fisheries and aquaculture situations and what these new technologies have to offer. Contents include a full explanation of genetic variation and its measurement, genetic structure in natural populations, genetics and artificial selection in the hatchery, ploidy manipulation and the use of genetic engineering in aquaculture.

*Biotechnology and Genetics in Fisheries and Aquaculture* is of great use to biological sciences students, particularly those studying marine, freshwater and aquatic biology, fish biology, fisheries, aquaculture, population biology and genetics. The book is also extremely useful as a reference to personnel such as fish farmers and fisheries scientists and all those working in fisheries and aquaculture management and research. Libraries in all universities and research establishments where biological sciences, fisheries and aquaculture are studied and taught should have copies of this book on their shelves.

**A. R. Beaumont and K. Hoare** are at the School of Ocean Sciences, Menai Bridge, University of Wales, Bangor, UK.

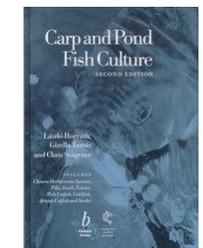
Spike: Here’s a scan of the back cover. If you increase the resolution of the document to about 200%, you’ll probably be able to read it.

- ***Book of Water Gardens*** John Dawes (1988) TFN Publications ISBN 0866226621 Hard Cover 176 pages

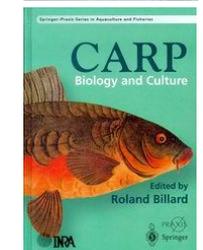


From Ad: Construction, Location, Design, Function And Purpose Of A Water Garden

- ***Carp and Pond Fish Culture***, Second Edition – Horvath, Laszlo; Tamas, Gizella; Seagrave, & Chris – Fishing News Books (1992) ISBN 052382820 165 pages Hardcover.

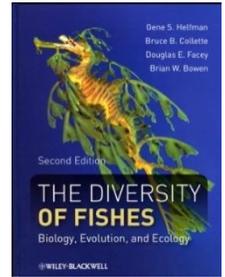


- ***Carp: Biology And Culture (Springer-Praxis Series In Aquaculture & Fisheries)***, Billard, R. -Springer-Praxis (1999) ISBN 1852331186, 342 pages. Hardcover.



Spike: I think Bernice Brewster recommended this book to me.

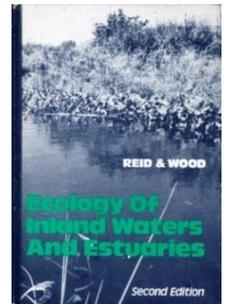
- ***The Diversity of Fishes, Second Edition*** – Helfman, G; Collette, B; Facey, D; Bowen, B (2009). Wiley-Blackwell, Chichester, West Sussex, UK. ISBN 9781405124942. 720 pages, hardcover.



From the back cover: “The second edition of *The Diversity of Fishes* represents a major revision of the world’s most widely adopted ichthyology textbook. Expanded and updated, the second edition is illustrated generously with striking color photographs, with the most ecologically and taxonomically diverse vertebrate group. The text incorporates the latest advances in the biology of fishes, covering taxonomy, anatomy, physiology, biogeography, ecology, and behavior. A new chapter on genetics and molecular ecology of fishes has been added, and conservation is emphasized throughout. Hundreds of new and redrawn illustrations augment readable text, and every chapter has been revised to reflect the discoveries and greater understanding achieved during the past decade. Written by a team of internationally recognized authorities, the first edition of *The Diversity of Fishes* was received with enthusiasm and praise, and incorporated into ichthyology and fish biology classes around the globe, at both undergraduate and postgraduate levels. The second edition is a substantial update of an already classic reference and text.

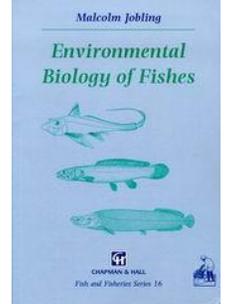
A companion website can be found at [www.wiley.com/go/helfman](http://www.wiley.com/go/helfman).”

- ***Ecology of Inland Waters and Estuaries***, Second Edition (1976) Reid GK, Wood RD – D. Van Nostrand Company, New York, ISBN 0442176058. 485 pages. Hardcover.



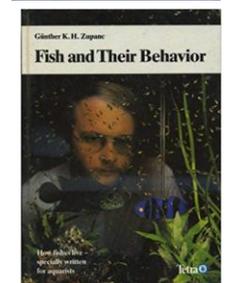
Spike – This is a classic book on limnology (the study of natural fresh water lakes, ponds and rivers). I got the reference from Professor Richard Strange.

- ***Environmental Biology of Fishes*** – Jobling, Malcolm. (1995) Chapman & Hall ISBN 0412580802, 455 pages. Paperback.



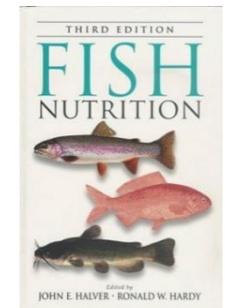
Spike: This was one of those books that looked interesting but I’ve not used it so far.

- ***Fish and their Behaviour*** Günter K.H. Zupac. (1991) ISBN 3923880197 188 pages Hardcover



Dave B. "Though not about Koi Günter brings in this book a greater understanding of fish that is a must for Fish keepers in general, it's a stimulating book and is full of very useful tips and encourages us to get even more out of our hobby by helping us understand the language and behaviour our charges speak" (A recommended read ).

- ***Fish Nutrition*** Third Edition (2002) Edited by *John E. Halver* of the School of Aquatic and Fishery Sciences, University of Washington and *Ronald W. Hardy* of the Hagerman Fish Culture Experiment Station, University of Idaho. Published by Academic Press. ISBN 0123196523, Hardbound, 824 pages.



Chris - This is a fantastic book on fish nutrition – but not for the faint hearted! The 824 pages have been divided into clear scientific sections. Each section has different contributors who read like a list of who is who in the scientific world of fish nutrition. Unless you are a total koi nutrition fanatic this well written book is not for the average hobbyist.

The section on Bioenergetics is written by Prof. Dominique P. Bureau, Sadasivam J. Kausik, and Prof C. Young Cho. We learn about the energy requirements of fish. Digestibility of ingredients, effect of

biological and environmental factors on energy requirements, etc. etc. Many myths regarding koi and carbohydrates are exploded in this chapter alone.

- Chapter 2 written by John Halver deals with all aspects of each and every vitamin in fish foods as well as their requirements.

Robert p. Wilson of the Department of Biochemistry at the Mississippi State University contributed the - Chapter on Amino Acids and Proteins. Each amino acid is discussed in detail from the sources and the fate of the amino acids in the body.

- Chapter 4 – The Lipids has contributors from The Institute of Aquaculture, University of Sterling in Scotland. Sargent, Tocher and Bell. They discuss Lipids in detail that is way beyond the knowledge the hobbyist needs. It is a fascinating look into an important nutrient of a koi food formula.

Minerals are discussed by Santosh P. Lall. The difficulties of studying mineral requirements to levels of vitamins required by various fish species are discussed at length.

- Chapter 6 deals with intermediary Metabolism is written by Prof. Konrad Dabrowski and Helga Gunderley. Carbohydrate metabolism, digestibility, storage and break down are covered. Protein and amino acid metabolism are discussed in detail.

The concluding remark – “ Despite the limited importance of carbohydrate in the natural diets of most fish, carbohydrate metabolism is the central pathway by which energy transactions occur in fish as in most animals”. – is interesting to koi keepers who for years have had negative impressions of carbohydrates in koi foods.

- Chapter 7 – Nutritional Physiology written by Michael B. Rust, covers each organ and its function. Digestive processes are covered in detail.

Diet Formulation and Manufacture by Ronald Hardy and Frederick Barrows gives a history of diet formulation and manufacture. Various feed ingredients for diet formulation are listed. A variety of methods of manufacture and storage as well as shipping are given. How to evaluate the final ingredient levels is also discussed.

Adventitious Toxins by Jerry D. Hendricks for the department of Environmental and Molecular Toxicology, Oregon State University discussed the toxins that can occur in fish feeds. Toxins from animal as well as plant origins are discussed. How to limit the development of toxins is also covered.

- Special Feeds are discussed in the short Chapter 11 by George M Pigott and Barbee W. Tucker.

- Chapter 12 – Nutrition and Fish Health gives us a fascinating insight into conditions of health and disease, immunity and disease resistance, use of medicated feeds, dietary compounds influencing fish health.

Delbert M. Gatlin contributed this chapter.

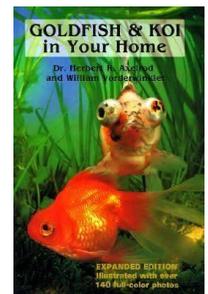
- Diet and Fish Husbandry by Richard Lovell discussed channel catfish, salmonids, tilapias and shrimp with regards nutrient requirements culture methods, feed formulation

- Chapter 14 – Nutrient Flow and Retention by Ronald W. Hardy covers the metabolism of carbohydrate, lipid and amino acids in great detail.

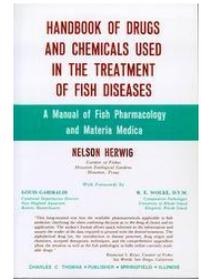
Each chapter has many pages of references listed.

● ***Goldfish & Koi in your Home*** Axelrod, Dr. Herbert R., Vorderwinkler, William. (1985) ISBN 0866220410 TFH Publications, 224 Pages

Dave B. "Dr Axelrod and William in this book have created a comprehensive and complete book on the care feeding and treatment of Koi and goldfish, it's just stuffed full of great pictures and illustrations a must for the newcomer". (Though its getting a little dated nowadays it's still worth a read if you can get it).

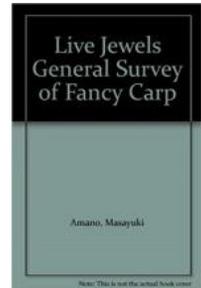


- ***Handbook of Drugs and Chemicals Used in the Treatment of Fish Diseases : A Manual of Fish Pharmacology and Materia Medica*** Nelson Herwig (1979) ISBN 039803852X Charles C. Thomas Publishing 272 pages, Paperback/Hardcover.



Spike – Lots of good stuff in this one. It's an oldie but a goodie. I ordered this book and found it very expensive on the web. Its list is around \$50 but sites like Amazon want twice that much used! It must out of print or something. Linda Montgomery suggested I check with Fishy Farmacy. I did and they sold me a copy for \$50. The usage and references are often difficult to match up. I communicated with Herwig (author) about this and got no satisfactory answers.

- **Live Jewel's General Survey of Fancy Carp** Masayuki Amano (1996) ASIN: B000UCF1T8 Kajima Institute Publishing Co. Hardcover



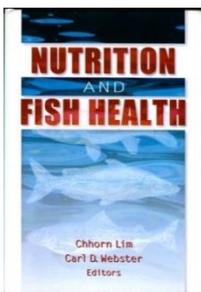
Dave B. " I love this book but try to keep it in it's box as it's a little gem that needs protecting it is a crazy mix of both Japanese and English with fully illustrated pages throughout and a pull out chart of Koi". (Given to me by a very good friend Doc Price of Plymouth Devon, a retired Tattoo Artist, who now makes Japanese swords). (note there is another book out by this title but is written by Western Authors).

- ***The Merck Veterinary Manual and The Merck Index*** Eleventh Edition [Susan E. Aiello](#), [Michael A. Moses](#) (2016) ISBN 0911910611 Wiley Publisher 3,325 Pages Hardcover



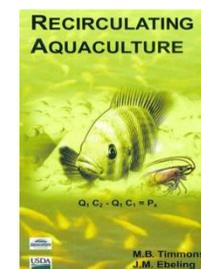
REC - these are DVM-grade books that are certainly not for everyone but invaluable for those who understand advanced medical presentations. The Merck Index offers detailed and specific information on chemicals and medications that you cannot find anywhere else (almost).

- ***Nutrition and Fish Health*** – Lim C, Webster CD (2001) ISBN 1560228873 Haworth Press, Inc., Binghamton, NY 365 pages Hardcover



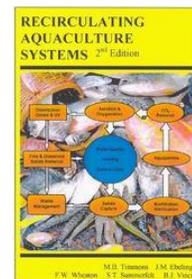
Spike – Sold as an aquaculture book, it has plenty of information for the koi hobbyist. There are topics like: nutritional aspects of health, immunity and disease resistance, dietary need for specific substances, e.g., ascorbic acid, iron, phosphorus, zinc and selenium. It has a chapter on immunostimulants and one on mycotoxins in fish feeds. There is a chapter on dietary lipids and one on vaccines to prevent disease. If you are interested in what, why, how and when to feed, this book should be of definite interest to you.

- ***Recirculating Aquaculture*** – Timmons, Michael B., Ebeling, James M., (2007). ISBN 9780971264625. Cayuga Aqua Ventures, Ithaca, NY 975 pages, Hardcover.



Review: The primary resource for the Cornell University Short course, the book covers all aspects from system design, to filtration, solid waste removal, aeration, the role of bacteria for nitrification and denitrification, disease control etc.

- ***Recirculating Aquaculture Systems*** 2<sup>nd</sup> Edition Timmons, Michael B., Ebeling, James M., Wheaton, Summerfelt, Vinci (2007) ISBN 0971264627 Cayuga Aqua Ventures, Ithaca, NY, 948 pages, Hardcover.



Spike – This is a newer version of the RAS – 2<sup>nd</sup> Ed. reviewed below.

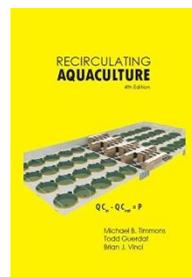
Great book for engineering types but if you're at all technical, you will also find it informative. There is additional info compared to the Wheaton book. It has a CD included but that is more for aquaculture folks. I have found some glitches in the text but have to admit that I haven't gotten thru that much of it yet.

From the Cayuga web site: This new book has been expanded by roughly 200 pages, with a new chapter on denitrification (by Dr. Jaap van Rijn) and an expanded biofiltration-nitrification section consisting of chapters on processes and design. Numerous design examples have been added to each chapter and an expanded appendix of engineering design tables.

This book comprehensively covers the basics of the design and engineering of intensive recirculating aquaculture systems, including basic overall systems engineering, tank culture design, solids removal and waste management, biofiltration, aeration/oxygenation, and disinfection using UV or ozone. In addition, over all system monitoring and control, the design of the building envelope and system management are thoroughly reviewed. In addition, both basic fish health management and biosecurity issues, as well as, the nutritional requirements for intensive systems are covered. Several system design software programs are available on the Cayuga website (<http://www.c-a-v.net/>) along with additional software programs, e.g., pH, alkalinity, carbon dioxide spreadsheets for fresh or saltwater.

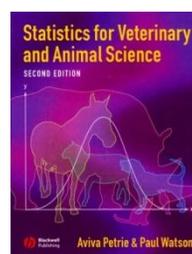


3<sup>rd</sup> Edition Timmons, Michael B., Ebeling, James M (2013) ISBN 0971264651 Ithaca Publishing Company, LLC. 788 pages Hardcover



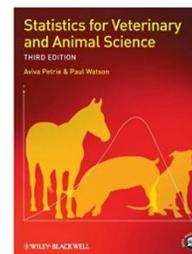
4<sup>th</sup> Edition Timmons, Michael B., Guerdat, Todd (2018) ISBN 0971264678 Ithaca Publishing Company, LLC. 779 pages Hardcover

- ***Statistics for Veterinary and Animal Science, Second Edition*** Petrie, Aviva and Watson, Paul (2006) ISBN 1405127813 Wiley-Blackwell Publishing, 312 pages, soft cover – plus CD

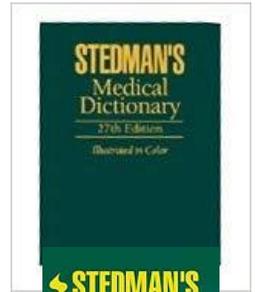


Spike: Just got this book (10-06) and did so because I've always been curious about statistics and what they actually mean. I'm hoping that it will help sort out how many fish a dealer would need to test if they want to do a reasonable lot sample. I'm sure it depends on the size of the lot and other things like if they all came from the same breeder and/or ponds, etc. It will probably take me some time to get into this but it looks like a good reference book judging from the table of contents and the index. If I ever get up the steam to really study it, I'll try to remember to report my findings here.

- ***Statistics for Veterinary and Animal Science, Third Edition*** Petrie and Watson (2013) ISBN 0470670754 Wiley-Blackwell Publishing, 408 pages, soft cover – plus CD

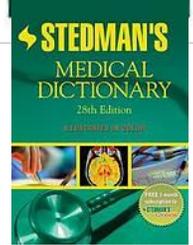


- ***Stedman's Medical Dictionary***, 27<sup>th</sup> Edition, J.L. Stedman (2000) ISBN 0683400088 (deluxe), Lippincott Williams & Wilkins 2098 pages, Hardcover.



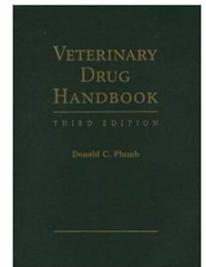
Spike – Veterinarians use much of the same terminology that human medicine does. The Stedman's I bought came with a handy 'Student Value Pack' CD, software that puts the most used words a mouse click away (and works with MS Word). It also has pix of some human anatomy.

- ***Stedman's Medical Dictionary***, 28<sup>th</sup> Edition, J.L. Stedman (2006) ISBN 0781733901 Lippincott Williams & Wilkins 2100 pages, Hardcover.



From Ad: This new edition includes more than 107,000 terms and definitions, more than 5,000 new to this edition.

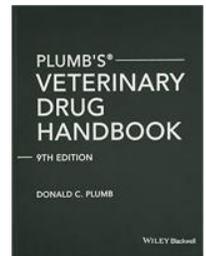
- ***Veterinary Drug Handbook*** 3<sup>rd</sup> Edition, Donald C. Plumb (1999) ISBN 0813824443 Wiley-Blackwell 750 pages.



REC - Another drug reference manual that is required reading for anyone using meds and chems around their fish.

Spike – I bought the 5<sup>th</sup> edition, full sized volume (ISBN 0-8138-0518-X). It comes in handy when looking up what drugs are meant for which uses. It even comes in handy if you're trying to give your dog aspirin for pain (mg/kg dosing).

- ***Veterinary Drug Handbook*** 9<sup>th</sup> Edition, Donald C. Plumb (2018) ISBN-10: 111934445X Wiley-Blackwell; 1456 pages Hardcover

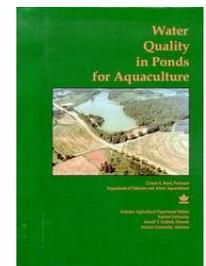


From Ad: Most current edition. Adds 16 new systemic drug monographs and new appendices covering small animal blood products, the veterinary feed directive (VFD), and extra-label drug use.

- ***Water Gardens in a Weekend*** Peter Robinson (2002) ISBN 060060697X Hardcover



- ***Water Quality in Ponds for Aquaculture*** 2<sup>nd</sup> Edition, Boyd, Claude (1990) ISBN 0817305327 purchased thru Auburn University, Auburn, Alabama. 482 pages. Paperback.

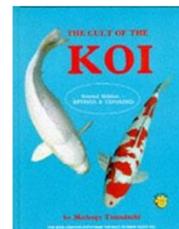


Spike – A classic book on limnology. My original copy sprouted legs (actually I loaned it to my brother and forgot about it –duh!) but I bought another by calling Boyd direct (334-844-4075).

## General Koi Books

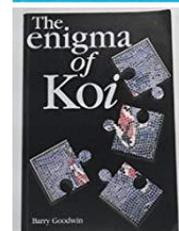
- ***The Cult of the Koi*** – Tamadachi, Machugo (1990) ISBN 0866224408 TFN Publishing 288 pages, hardcover.

Dave B. "This book I just love and is a must for everyone, it contains everything you need to know about Koi Keeping ", (you just have to buy this book).



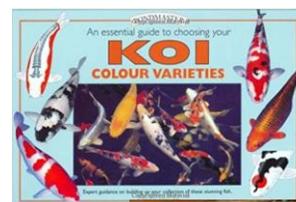
- ***The Enigma Of Koi*** – Goodwin, Barry (1997) ISBN 0952657619 Freestyle Publications Paperback

Duncan - An excellent all round book with many topics covered excellent pictures and references. From pond design home made vortexes, [foam] fractionators. Good health references with the more common treatments, also breeding koi, winterizing koi and aquarium koi chapters. Again inexpensive and invaluable reading and references.



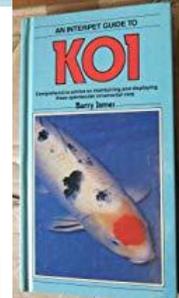
- ***An Essential Guide to Choosing your Koi Colour Varieties*** Nick Fletcher (2002) ISBN 184286064X Interpet Ltd. 80 pages Hardcover

Dave B. "Another one of Nicks gems, it is a great little book and very easy to understand" (strongly recommended for the beginner to buy).

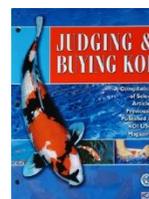


- ***An Interpet Guide to Koi***. Barry James (1986) ISBN 5012922000131 Salamander Publishing Hardcover

Dave B. "Barry has created a 120 page easy step by step beginners guide to our Hobby , it contains great colour Photographs and I would fully recommend it to the novice" (well worth the buy).

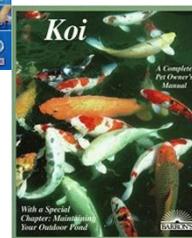


- ***Judging & Buying Koi*** – AKCA, 2003 - reprints of articles from Koi USA.



- ***Koi: Everything About Selection, Care, Nutrition, Diseases, Breeding, Pond Design and Maintenance, and Popular Aquatic Plants*** Blasiola, George (1995) ISBN 0812035682 Barrons Educational Series Inc 104 pages, Paperback.

From Ad: Covers all aspects of keeping and caring for koi, a brightly colored freshwater fish that is suitable for most pond environments

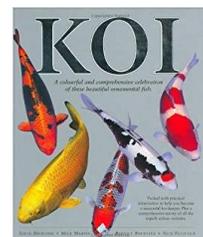


- ***Koi*** Fujita, Grant (1992) **ASIN:** B0006F1G0W AKCA Published 120 pages, hardcover.



- ***Koi....*** Hickling, S., Martin, M., Brewster, B., Fletcher, N. (2002) ISBN 1093098424 Interpet Publishing 208 pages Hardcover

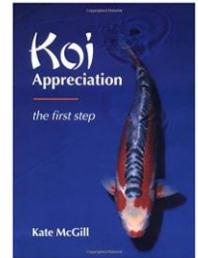
Dave B. "Don't you just know when these names pop up your onto something special!!!.... this book reveals how our hobby has come of age over the last 20 years it has been put together by a team of Authors and koi experts who we've grown to trust over the years.



This Book covers everything you need to know about our hobby and more from the basics of water chemistry through koi appreciation , koi Anatomy on through koi health and much more, it basically puts the reader in the picture about our hobby, it is however understandable from the novices point of view but doesnt leave out the more advanced koi keepers, with stunning photos and computer graphics throughout that reveal to us just how filters work in a clarity never seen before". (buy).

- ***Koi Appreciation, the First Step*** – McGill, Kate (2001) ISBN 1861264862 Crowood Press 128 pages, Hardcover

Spike – Good book on koi appreciation. Nothing on other subjects.



- ***Koi For Home and Garden*** Takeshita, Glenn Y. (1970) ISBN 087666088X TFH Publications

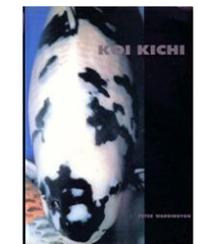
Dave B. "Glenn Covers the History of our Hobby then takes us through everything from Pond design and construction, through to Care and Feeding, Breeding, all the different Varieties of Koi and ends in Diseases and treatments. The copy we have was Printed in 82 so it is now sadly outdated but if you can get a copy well worth a read". (It is dedicated to the Koi enthusiasts of Hawaii).



- ***Koi Kichi*** – Waddington, Peter (1995) ISBN 095263810X 290 pages Hardcover. Deluxe ISBN 0952638118. (signed By Author)

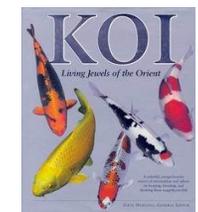
- ***Koi 2 Kichi*** (2005) ISBN 0953066738 Nishikigoi International Ltd. 568 pages Hardcover

Online Review: "...unless subsequent editions are released to stay current, books become stuck in time, while the hobby moves on..."



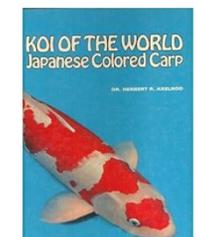
- ***Koi – Living Jewels of the Orient*** – Hickling, Steve, et al (2002) ISBN 0764154486 Barron's Educational Series, Inc. 205 pages Hard cover.

Spike – This book is certainly not focused completely on Koi health. However, it turns out to be a very good little all around book that is reasonably priced and a good first book for newbies



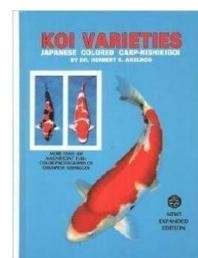
- ***Koi of the World: Japanese Colored Carp*** Dr. Herbert R. Axelrod (1973) ISBN 0876660928 TFH Publications 239 pages Hardcover

Dave B. "By now you must think we have something against the good Dr!.. but we haven't because we feel as with all previous books it is sadly in need of being revised".

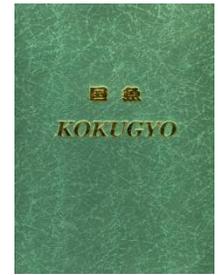


- ***Koi Varieties, Japanese Colored Carp-Nishikigoi*** (new expanded edition) – Axelrod, Herbert (1992) ISBN 086622162X. 176 pages, Hardcover

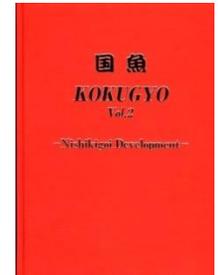
Dave B. "Again this book is fast becoming outdated and surpassed by the new Generation of Koi Author".



- ***Kokugyo, Vols 1*** Kodama, Mamoru, Vol. 1, (2002) ISBN 4880242551 Shumposha Photo Printing Company 96 pages Hardcopy

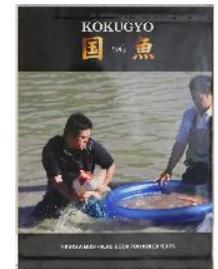


- ***Kokugyo, Vols 2*** Kodama, Mamoru, Vol. 2, (2004) – no ISBN numbers. Kinsai Publishing, Ltd., Japan. 194 pages Hardcopy



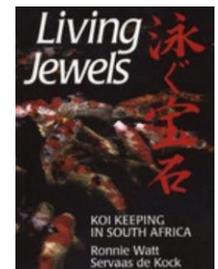
Spike – I was lucky enough to have these volumes given to me as gifts. For those of us who got into koi because we loved their beauty and have strived to learn more about that aspect of the hobby, these books are unparalleled. Both volumes come in decorative and protective boxes with volume one having two supplements, a pamphlet titled *Questions & Answers* that covers 23 varieties; the second is a CD that has exercises that help train the eye for now and later attributes of the fish. For those of you that love to look at these beautiful animals, these volumes will certainly enhance your enjoyment as you learn the art of koi appreciation.

BTW, Karen Pattist was the English editor for these books which just goes to prove that folks into fish health are not just all about ulcers, parasites and fish guts <LOL>.



- ***Kokugyo, Vol. 3*** Kodama, Mamoru, (2018) – no ISBN numbers. 359 pages Hardcopy

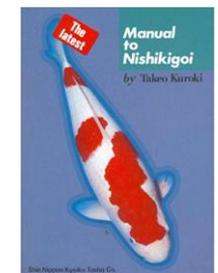
From Ad: If you want to sharpen your eye for quality Japanese koi and think like a koi judge, the ***Kokugyo Vol. 3*** is *the* book for you. A continuation of *Kokugyo Vol. 1* and 2, this book shares author Mamoru Kodama's 40+ years of experience looking for and producing quality koi.



- ***Living Jewels: Koi Keeping in South Africa*** – Watt, Ronny & de Kock, Servaas – (1996) ISBN 0908387733 Delta Books, 160 pages, hardcover.

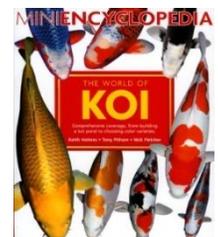
From Ad: This book contains virtually everything the koi-keeper needs to know and includes top quality photography of all the koi varieties, including recent All-Japan champions and the best of South Africa's own koi.

- ***Manual of Nishikigoi*** 8<sup>th</sup> Edition, Takeo Kuroki (1988) ASIN: B004U29I9S Shin Nippon Kyoiku Tosho



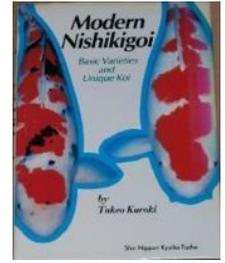
Dave B. "Takeo Takes us on a journey through the world of Koi, with great pictures and comic illustrations throughout, again it is missing words in places but it is fully comprehensive in every other way ". (this was our first ever Koi book and is a must).

- ***Mini Encyclopaedia of Keeping Koi*** Holmes, Keith., Pitham, Tony. Fletcher, Nick. (2005) ISBN 1842861069 Interpet Ltd. 208 pages Paperback



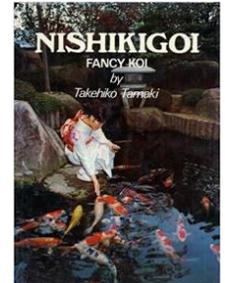
Dave B. "This is a great little book , Keith , Tony and Nick have produced a little gem with this book , it's a great introduction for anyone coming into our hobby and a refreshing read for the more experienced amongst us" ( A good Buy) and reasonable priced).

- **Modern Nishikigoi: Basic Varieties and Unique Koi** 2<sup>nd</sup> Edition Kuroki, Takeo (1986) ISBN 880241024 Shin Nippon Kyoiku Tosho Co.



Dave B. "Takeo in this book takes us on a journey through all those confusing names that each class of Koi have. This book has great photographs to explain just what you are looking at, he covers the basic Varieties and some of the more Unique Koi", (Takeo's book is a little confusing in places because if he doesn't have a word for it in the Japanese to English translation then he just leaves it and carry's on regardless) but at the same time makes the book more endearing to the reader.

- **Nishikigoi: Fancy Koi** 2<sup>nd</sup> Edition Tamaki, Takehiko (1977) Tamaki Yogyoen, Japan 120 pages Paperback



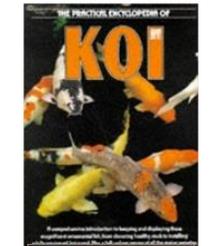
Dave B. "A Chief priest at a Shinto shrine and Nishikigoi breeder, who else is more qualified to write on the subject than Takehiko Tamaki. It is an early book but I would hazard a guess that this book over the years has done more than enough to bring the hobby to the west. It is extremely easy to follow for the novice to our hobby". (if this book is still in print buy it).

- **Practical Koi Keeping, Volumes 1, 2, & 3** – AKCA – reprints of articles from *Koi USA*. (1987, 1993, 1995)  
No longer on AKCA bookstore. Still limited quantity on Amazon, etc.



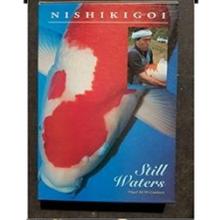
- **The Practical Encyclopaedia of Koi: ....** 1<sup>st</sup> Edition McDowall, Anne (1989) ISBN 1874849404 Salamander Books 208 pages

Dave B. "This book has a great pedigree!!... just look at the list of Koi Consultants", (need I say more ?, yes buy this book you'll never regret it). [Brewster, Chapple, Cuvelier, Davis, Evans, Phipps, Rees and Scott MSc BVSc MRCVS MIBiol.]

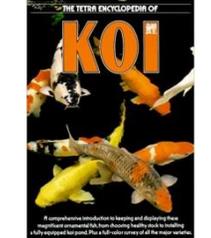


- **Nishikigoi: Still Waters** – Caddock, Nigel (1997) ISBN 0953066703 Nishikigoi International Ltd. 310 pages, Hardcover.

Spike – a picture book.



- **The Tetra Encyclopedia of Koi** (1996) ISBN 1564651452. 208 pages Hardcover  
Looks like a re-print (update?) of *The Practical Encyclopaedia of Koi: ....* 1<sup>st</sup> Edition seen above. Even has the same cover online, just changed from “Practical” to “Tetra”.

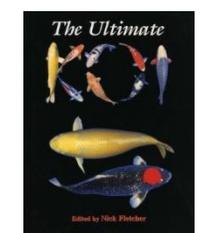


- **The Ultimate Koi** – Edited by Nick Fletcher (1999) ISBN 158245129X Howell Book House, New York, NY 256 pages Hardcover

Spike: This seems to be a decent book albeit somewhat dated. It's an all-around Koi book.

The cover notes:

**The Ultimate Koi.** The magnificent Koi has emerged from relative obscurity to become on the most highly-prized fish to keep. Choosing from the spectacular varieties,



the search for the unique one-off Koi, and the challenge of creating an ideal environment, makes Koi-keeping the most fascinating of hobbies, and it now has a worldwide following.

In *The Ultimate Koi*, editor Nick Fletcher has recruited a star-studded cast of specialists to contribute to the definitive pictorial reference.

The anatomy and physiology of Koi is examined in Section I, with an insight into the Koi senses. There is a detailed, illustrated breakdown of the Koi varieties, with a special study of the Tategoi and unique Koi.

Section II deals with building and setting up a pond, including an in-depth examination of filtration and a survey of the best plants to buy to create the ideal Koi environment. Advice is given on seasonal care of the Koi pond, plus tips on maintaining a small Koi pond.

Section III is devoted to Koi Care, starting with maturing the pond and filter and buying Koi, followed by chapters on feeding, breeding and handling Koi.

There is comprehensive coverage of disease and parasites in Koi, with advice on disease recognition and treatment.

Enjoying Your Koi is the subject of Section IV. This gives guidelines on showing and judging Koi, and information on the range of club activities available. The final section is a useful reference, with tips on general maintenance and pond security.

Lavishly illustrated with over 200 colour photographs, this book is a must for the true Koi connoisseur.

**NICK FLETCHER** is a lifelong fishkeeper and angler with a specialist knowledge of Koi. A former editor of *Practical Fishkeeping Magazine*, he is now a freelance writer and consultant, and is a trainee judge with the British Koi Keepers Society.

At home, Nick has a 3,500 gallon Koi pond.

- *Understanding Koi* (No Number) Hulse, David E. George, Michael I. (1980) Stafford Reprographics Limited 72 pages Paperback

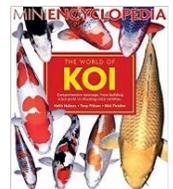
Dave B. "A small paperback book written with the novice in mind and is a general guide to our hobby, it is deliberately non technical. It covers all aspects of our hobby and is based around well established principals", (A nice little book).



- *World of Koi* Holmes, K. Pitham, T. Fletcher, N. (2005) ISBN 0764129880 Barron's Educational Series, Inc., Hauppauge, NY 208 pages Paperback

Note: Might be same as *Mini Encyclopaedia of Keeping Koi* (see above) with a change in publisher ?

Spike: Nice, inexpensive little book that is fairly up to date and would be a good choice for any newbie that's considering koi.



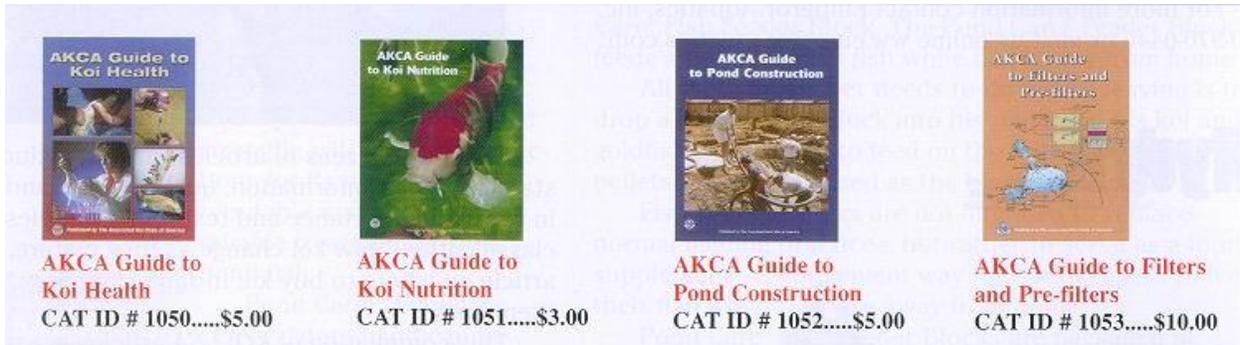
Reviewer: There are 3 authors and they are all also authors of 'Koi - A Complete Guide to Their Care and Color Varieties'. This book is almost word for word what is in the other book and even the pictures and illustrations are the same, although this book is smaller and has much less content.

## Magazines and periodicals

- ***Koi*** – Brit mag that claims to be “Britain’s best-selling Koi Magazine”
- ***Koi Bito***- English mag out of Japan – struggling and apparently didn’t make it – now reported defunct – too bad  
Spike - Relatively new mag for high-end hobbyists. Not quite as “slick” as the new Koi Keepers or NI but the articles are usually good.
- ***Koi Carp*** – now the official mag of the British Koi Keepers Society (BKKS)
- ***Koi Health Quarterly*** – out of print British periodical.  
Spike – The best periodical I’ve ever seen directed specifically at Koi health. Out of print but you should try to get all the back issues if you can. It’s a great reference. K.O.I. members enjoy access to all 16 issues, scanned and posted on the K.O.I. website by permission of W. Wildgoose.
- ***Koi Keepers*** – British publication – Now reported as defunct – too bad (seriously).  
Spike - Relatively new and “slick” high-end mag out of Brittan.
- ***Koi USA*** – official mag of Associated Koi Clubs of America (AKCA)
- ***Mid-Atlantic Koi*** – official mag of the Mid-Atlantic Koi Club (MAKC)
- ***Nichirin*** – official mag of Zen Nippon Airinkai (ZNA)
- ***Nishikigoi International*** – British publication – Now reported as defunct
- ***Rinko*** – Japanese mag - Now published only online. Oops! Apparently you can get it both in print and/or online.

## Other Material

- **AKCA Guides** –



Spike – get them all especially the health guide (from the AKCA bookstore). A new nutrition guide has been released so the CAT ID above may not be correct (please check before ordering).

- **Amazon.com** the books section

Spike – I’ve found this a good place to buy books. Often you can get used books at a substantial savings over the new price.

- **Fishdoc , parasites the movie:**

<http://www.fishdoc.co.uk/video/fishmovies.htm>

Duncan - this is a useful link to an internet site that will allow you to down load mpeg movies taken on a microscope of most of the common parasites. A must if you are not sure what they look like.

- **Google Scholar** - <http://www.scholar.google.com/>

Spike – Andy Goodwin, Professor at UAPB, turned me on to this site. It’s a great place to search for “fish geek” stuff, e.g., published papers on various fish related health and disease (particularly if you use the “advanced search” function).

- ***Koi Health and Disease***, The Technologies (the video) – Johnson, Erik – 1998,

Spike – Very good for microscopic parasite identification and other hands-on procedures. A good companion reference to ELJ’s book.

- **Koi Organisation International (K.O.I.)** [www.KoiOrganisationInternational.org](http://www.KoiOrganisationInternational.org)

Founded May 2010 as a Koi teaching and learning web site that has free as well as “for sale” information about Koi, their health and their husbandry. Their motto is “current, accurate and useful.” Let’s hope it works out that way. BTW, I’m one of ‘em ;-).

Spike – This “venture” primarily driven and peopled by and with volunteer Koi hobbyists. Their goal and intent is to learn about Koi and good Koi husbandry and to teach what they have learned to others.

- **KOIQUEST & KOI UNLEASHED** web site – <http://www.koiquest.co.uk/>

Spike – this is a site that has lots of good stuff for Koi keepers wanting to learn. Duncan has years of hands-on experience and has studied Koi health extensively. Several other Koi folks, e.g., Chris Neaves and yours truly (Spike), have allowed Duncan to use their work on his site.

-----

- REC - I also have books on the following topics and use them extensively in correlating information. These are not necessarily recommended reading but good reference material to have around so we can understand the why’s and wherefore’s of meds, chems, and treatments. I am not content to just accept that something works, I want to know why in graphic detail. You would be surprised what you learn.. like potassium permanganate was used to treat gonorrhoea (its called “Janet’s Method”... I don’t know who Janet was, but I bet she was brutal) and PP also can cause methemoglobin problems. But you get my point...

- *Comparative Animal Physiology* – Prosser and Brown
- *Parasitology* – Noble and Noble. Want to learn about lerna, chilondella, costia??
- *Water Bacteriology* (text book)
- *Textbook of Bacteriology*
- *Essentials of Physiological Chemistry*
- *Clinical Interpretation of Laboratory Tests*
- *Practical Bacteriology Blood Work and Parasitology*
- *The Practices and Principles of Embalming* (why this one?? Simple.. the best reference for the effects of formalin)
- *Textbook of Materia Medica and Therapeutics*
- *Pharmacology*

**To Be Reviewed:**

- The Fundamentals of Ornamental fish health ISBN 9780813814018 Helen E Roberts.
- How to keep koi an essential guide ISBN 9781903098073 David Twigg
- Hobbyist Guide to Successful Koi Keeping ISBN 4679816582 Dr David Pool \*  
\*This book is an Aquarium Digest International-Collectors Edition by Tetra
- Koi Crazy (Koi Keeping for Everyone) ISBN 9780952638124 Peter Waddington.
- The Koi Pond.. How to do and Not to do and all of the Many Reasons Why ISBN 9780952638148 Peter Waddington.
- Mr Peter's Handbook to the Mystique Of Yamakoshimura ISBN 9780952638131 Peter Waddington
- The Pond Owners Handbook ISBN 0706377656 John Dawes.