

# 2011

## REFERENCE LISTING FOR THE REALISTIC EQUINE ARTIST

Compiled from the library of Sarah Minkiewicz-Breunig, Minkiewicz Studios LLC.

- These references relate to the biology, behavior, psychology and management of equines for the purpose of sculpting them realistically.
- The materials are interdisciplinary and complementary, each providing insights lacking in another. It's smart to generate a knowledge base from many varied sources rather than relying on a few.
- References are listed in no particular order. However, those references considered good first buys for beginners are noted with a ■. References useful to intermediates are indicated with a ◆. References of interest to advanced students are indicated with a ▲. References of additional interest are noted with a ✕. For more information on the noted references, please visit my blog posts for each respective list:
  - <http://mink-studios.blogspot.com/2011/06/beginners-top-ten.html>
  - <http://mink-studios.blogspot.com/2011/06/intermediates-top-ten.html>
  - <http://mink-studios.blogspot.com/2011/06/advanced-top-ten.html>
  - <http://mink-studios.blogspot.com/2011/06/top-twenty-tidbits.html>
  - <http://mink-studios.blogspot.com/2011/07/up-close-and-personal.html>
- In the "comments" section, keep in mind that they stem from my own experience, and what I found helpful to me. Your situation may be quite different, so please keep that in mind when reading those sections.
- Some of these books are out of print, so special searches may be necessary to obtain them. The ISBN number is provided for this, if known.
- Feel free to share this list with other artists!

## BOOKS

■ANIMAL PAINTING AND ANATOMY, W. Frank Calderon. 1975. ISBN: 0-486-22523-2.

Comments: This is an essential book. Read the text and study the drawings. It's very clear and easy to follow and the author's observations are very helpful for training your eye. Focused both on the skeletal and musculature structure of the horse, but also motion. A good trick is to color in the muscles as you read about them, in color pencil.

▲ANATOMY OF THE DOMESTIC ANIMALS, Sisson and Grossman. 4th Edition 1953. W.B. Saunders Company, West Washington Square, Philadelphia, PA 19105.

Comments: This is another essential book, but for the advanced student. It's rather technical, but a wealth of detailed information. Out of print.

▲ATLAS OF EQUINE ANATOMY: Regional Approach, Chris Pasquini DVM, MS. 3rd Edition 1991. Sudz Publishing, PO Box 1199, Pilot Point, TX 76258.

Comments: A good book for the advanced student. Deals mostly with the skeleton, viscera and muscles. Out of print.

◆ANIMAL ANATOMY FOR ARTISTS: The Elements of Form, Eliot Goldfinger. 1994. ISBN: 0-19-514214-4.

Comments: Like a combination of Ellenberger, Calderon and Bammes, with some new stuff thrown in. Focuses mostly on the horse and dog, but also has lots of stuff on all sorts of critters. Extremely useful text and diagrams with lots of little unusual details, making it a really nice addition to any anatomical library.

■THE HORSE ANATOMY WORKBOOK, Maggie Raynor. 2006. ISBN-10: 0-85131-905-X and ISBN-13: 978-0-85131-905-6.

Comments: An essential book, good for the beginner and advanced alike, that blends the Ellenberger and Goody illustrations into one resource with clear drawings that are meant to be colored in to facilitate rapid association and identification. There are also several unique illustrations that are invaluable, like 3/4 front and back views of the palatable points of the skeleton. It's spiral bound, too, making it lie flat.

◆HOW YOUR HORSE MOVES: A UNIQUE VISUAL GUIDE TO IMPROVING PERFORMANCE, by Gillian Higgins, with Stephanie Martin. ISBN-10: 0715329928 or ISBN-13: 978-0715329924.

Comments: This is another essential book. No equine artist's library should be without it! Beautiful photos, clear illustrations and a good distillation of current thought about equine biomechanics. It leaves you hungry for more!

✕ROONEY'S GUIDE TO THE DISSECTION OF THE HORSE, W.O. Sack, DVM, PhD. 6th Edition, 1994. ISBN: 0-960001152-3-4.

Comments: This is a hard core source of material for the very advanced student. Literally, if you wanted to do it yourself, this book is an excellent guide. Intact, it also has a set of five microfiche pages of actual dissected areas to correlate with the text and drawings (not for the squeamish). It also has a very handy chart outlining the actions of each muscle on a joint and some handy biological information, and even has instructions on how to convert a dissected hind limb into a specimen that demonstrates the passive stay apparatus! This is an excellent book for the advanced student.

▲CLINICAL ANATOMY OF THE HORSE, Hilary M. Clayton, Peter F. Flood, Diana S. Rosenstein. 2005. ISBN: 07234-3302-X

Comments: While not cheap, this is an exceptional book, but only for the advanced student since you have to really know what you're looking at for it to be helpful. But if you do know your stuff, this book is full of valuable and unique insights that are immensely useful. Best used in conjunction with...

▲COLOR ATLAS OF VETERINARY ANATOMY: THE HORSE, Raymond R. Ashdown and Stanley H. Done. 1987. ISBN: 0-397-58304-4.

Comments: Only for the advanced student and very helpful for clarification of some advanced details. However, the plates are a series of horse dissections and not for the queasy. Very expensive book, too.

COLOR ATLAS OF VETERINARY ANATOMY: THE HORSE; Vol. 2, Raymond R. Ashdown and Stanley H. Done. 1996 reprint, paperback. ISBN: 0-397-58304-4.

Comments: The paperback version, but not any cheaper though.

■CYCLOPEDIA ANATOMICAЕ, Feher Gyorgy. 1996. ISBN: 1-884822-87-8.

Comments: A wonderful book loaded with super insights for the artist on all sorts of animal and human anatomy. The horse ones are quite helpful with visualizing anatomy under the skin and in motion.

THE EXTERIOR OF THE HORSE, Armand Goubaux and Gustave Barrier. 1892. 1904 2nd Edition, translated by Simon J.J. Harger, V.M.D., J.B. Lippencott Company, London, 5 Henrietta Street, Covent Garden.

Comments: This is an expensive, out of print book, but an excellent source of anatomical and biological information on horses.

◆ANATOMY OF THE HORSE FOR ARTISTS, Dr. Feher Gyorgy and Dr. Fancsi Tibor. 2003. ISBN: 963-09-4463-4.

Comments: This book is in Hungarian, German and English and is a good book for artists by illustrating x-ray vision with anatomy and motion. It's similar to the Cyclopedia Anatomicae (above), but an expansion.

MASSAGE TECHNIQUES FOR HORSE AND RIDER, Mary W. Bromiley. 2002. ISBN: 1-86126-356-2

Comments: While heavily geared towards massage, this book does have some good insights into anatomy and biomechanics, which makes it a useful tool for the advanced student.

◆AN ATLAS OF ANIMAL ANATOMY FOR ARTISTS, W. Ellenberger, H. Dittrich and H. Baum. 1956. ISBN: 0-486-200082-5.

Comments: An essential series of plates of detailed, basic horse anatomy. The Sisson and Grossman book "borrowed" these plates for their book before copyright laws were in place.

▲ABC OF THE HORSE; ANATOMY, BIOMECHANICS, CONDITIONING, by Pauli Gronberg. 2002. ISBN 951-98744-1-0

Comments: Expensive and I can't speak to the body working sections, the anatomical sections themselves are invaluable with clear depictions of esoteric structures or mechanisms with clear, well done illustrations. Unfortunately, the anatomical analysis completely ignores the head, however.

ILLUSTRATED ATLAS OF CLINICAL EQUINE ANATOMY AND COMMON DISORDERS OF THE HORSE: VOLUME 1: MUSCULOSKELETAL SYSTEM AND LAMENESS DISORDERS, Ronald J. Riegel, DVM and Susan E. Hakola, BS, RN, CMI. 1999. ISBN: 0-9654461-0-7.

Comments: A very helpful book with clear color illustrations. Also clearly discusses the stay apparatus. Rather expensive.

THE EQUUS ILLUSTRATED HANDBOOK OF EQUINE ANATOMY: The Musculoskeletal System -- Anatomy of Movement and Locomotion, Ronald J. Riegel, DVM and Susan E. Hakola, BS, RN, CMI. 2006. ISBN-13: 978-1-929164-33-2

Comments: A condensed version of the book above, but with lots of useful additions and images. Like its "parent" book, unfortunately, this handbook ignores the head for the most part.

ILLUSTRATED ATLAS OF CLINICAL EQUINE ANATOMY AND COMMON DISORDERS OF THE HORSE: VOLUME 2: REPRODUCTION, INTERNAL MEDICINE, AND SKIN, Ronald J. Riegal, DVM and Susan E. Hakola, BS, RN, CMI. 1999. ISBN: 0-9654461-1-5.

Comments: Less helpful to sculpture than Volume 1, and geared only for esoteric questions regarding this volume's subjects.

THE EQUUS ILLUSTRATED HANDBOOK OF EQUINE ANATOMY: Volume Two -- Internal Medicine, Systems, Skin & Eye Anatomy, Ronald J. Riegal, DVM and Susan E. Hakola, BS, RN, CMI. 2007. ISBN-978-1-929164-39-4.

Comments: Again, a condensed version of the book above, but with some novel illustrations, such as the tongue attached all the way to the larynx and a good illustration of the eye.

THE ANATOMY OF THE HORSE, George Stubbs. 1976. ISBN: 0-486-23402-9.

Comments: Beautiful to look at, but not very helpful.

ANATOMY OF THE HORSE: Horse Health and Care Series, #6. 1972. ISBN: 0-912830-07-7.

Comments: This little modest handbook is really a terrific surprise! Lots of great photos of the bones, along with drawings of muscles and loads of anatomical descriptions.

THE DYNAMIC HORSE, Hilary Clayton. 2004. ISBN: 097476700X

Comments: Pending. Approx \$60

HORSES IN ACTION: A Study of Conformation, Movement and the Causes of Spinal Stress, R.H. Smythe, M.R.C.V.S. 1963. Charles C. Thomas, Publisher, Springfield, Illinois.

Comments: I'm still reading it, but so far, it's quite helpful and insightful. Discusses a lot of conformation too, which can be a can of worms without perspective. Out of print.

▲HORSE ANATOMY: A Pictorial Approach to Equine Structure. 2nd Edition. Peter Goody, J.A. Allen. 2000. ISBN: 0-85131-769-3.

Comments: Excellent book for the advanced student. It's a series of clear line drawings that show several things lacking in other books, but lacks the good discussions found in "Calderon."

ANATOMY & PHYSIOLOGY OF DOMESTIC ANIMALS, R. Michael Akers & D. Michael Denbow. 2008. ISBN: 0813803292 or 78-0813803296.

Comments: This is a textbook for vet students, and so it has a lot of cellular and internal medicine, of comparatively little use to artists. But it does have a good discussion on bones and the types of muscles (which is why I bought it).

ANATOMY OF ANIMALS: STUDIES IN THE FORMS OF MAMMALS AND BIRDS, Ernest E. Thompson. 1996. ISBN: 1-85891-388-8.

Comments: The material on the horse isn't plentiful, this book being more focused on the dog. For the advanced student, however, it does have some useful cross-sectional views of the muscles on the body. Out of print.

UNDERSTANDING THE HORSE'S BACK, Sara Wyche. 1998. ISBN: 1-86126-114-4.

Comments: Too peppered with misconceptions for my taste. The illustrations aren't terrific either.

■THE HORSE'S MUSCLES IN MOTION, Sara Wyche. 2002. ISBN: 1-86126-456-9.  
Comments: The benefit of this book is its translation of the joints into mechanical-metaphor illustrations, which is quite useful for the beginning student. Otherwise, its peppered with errors, so take it with a grain of salt. Could make a good pair to "Calderon."

■UNDERSTANDING THE HORSE'S LEGS, Sara Wyche. 1998. ISBN: 1-86126-347-3.  
Comments: Better than her back book, and similar in quality to her muscles book. Full of some useful information, drawings and insights.

■CONFORMATION FOR THE PURPOSE, Susan McBane. 2000. ISBN: 1-84037-052-1.  
Comments: While there are some minor issues, this is a good solid book on conformation. It also has some good beginner discussion on anatomy.

THE HORSE CONFORMATION HANDBOOK, Heather Smith Thomas. 2005. ISBN: 13:978-1-58017-558-6 (paperback).  
Comments: Pending.

INSIDE THE HORSE, Peter D. Rosedale, M.A., F.R.C.V.S.1976. Deseret Press News, 1600 Empire Road, SLC, UT 84104.  
Comments: An old vet book that deals mostly with organs and body systems (which is why I bought it). Out of print.

■THE TEETH OF THE HORSE: Horse Health and Care Series, #1. 1972. ISBN: 0-912830-02-6.  
Comments: Loads of information about horse teeth, and packed full of detailed illustrations.

THE HORSE, Paul Brown. 1943. Charles Scribner's Sons, NY.  
Comments: Beautiful drawings that do add insights into anatomy and sculpture. Out of print.

THE BETTER HORSE: Breeding and Training for Equestrian Sports, Jane Kidd. 1984. Arco Publishing, Inc., 215 Part Avenue South, NY, NY 10003.  
Comments: A handy book that separates out some conformation points for specific disciplines, discusses how horsemanship can shape physique and analyzes motion in general. The main bonus are several wonderful, clear photographs of horses in motion that are very useful to the advanced sculptor.

■THE ARTIST'S GUIDE TO ANIMAL ANATOMY: AN ILLUSTRATED REFERENCE FOR DRAWING ANIMALS, Gottfried Bammes. 1994. ISBN: 0-7858-0055-7.  
Comments: Another terrific book for the artist filled with super illustrations that really help to illuminate some biomechanical concepts.

THE ANATOMY OF THE HORSE, Robert F. Way and Donald G. Lee. 1989. Breakthrough Publications, Inc., Millwood, NY 10546. ISBN:0-914327-03-8.  
Comments: Good solid book for the advanced student.

✕THE EMPIRE OF EQUUS: THE HORSE, PAST, PRESENT AND FUTURE, David P. Willoughby. 1974. ISBN: 0-498-01047-3.  
Comments: A neat old book filled with very interesting biological information. Out of print.

■MODELING AND SCULPTING ANIMALS, Edouard Lanteri. 1985. ISBN: 0-486-25007-5.  
Comments: A book about sculpting techniques, it also discusses equine anatomy with some excellent line drawings of the skeleton and some musculature (and shows both sides).

■THE COLORING ATLAS OF HORSE ANATOMY, Robert A. Kainer and Thomas O. McCracken. 1994. ISBN: 0-931866-69-3.

Comments: Clear illustrations that you can color-in and some interesting views make this book handy for quick reference. It also has some brief, but good, discussion on specific types of motion such as the stay apparatus.

◆PRINCIPLES OF CONFORMATION ANALYSIS-VOL. 1-3, Deb Bennett. 1992. Fleet Street Publishing Corp., 656 Quince Orchard Rd., Gaithersburg, MD 20878. Available from Equine Studies Institute, PO Box 411, Livingston, CA 95334. For more information: [www.equinestudies.org](http://www.equinestudies.org).

Comments: A must have. Read the text, study the diagrams and consider the concepts. This is the door to enlightenment on many important issues.

THE USPC GUIDE TO CONFORMATION, MOVEMENT AND SOUNDNESS, Susan E. Harris. 1997. ISBN: 0-86705-639-7.

Comments: Decent information in a concise format.

◆HORSE GAITS, BALANCE AND MOVEMENT: THE NATURAL MECHANICS OF MOVEMENT COMMON TO ALL BREEDS, Susan E. Harris. 1993. ISBN: 0-87605-955-8.

Comments: An excellent book related to riding and has some helpful insights on motion. Follows many of the same philosophies as Dr. Bennett.

HORSE ANATOMY - ILLUSTRATED, Robert F. Way, VMD, MS. 1973. ISBN: 0-88376-007-X.

Comments: While this funny little book (famous for its transparent overlay pages that build up the body layers) may seem too over-simplified to be useful, it does have two unique things: (1) It shows the facial musculature in two layers (something very hard to find, or confusing in other texts) and (2) it brings appropriate attention to the superficial fascia of the horse (something rarely done in other sources).

✕THE HORSE: ITS ACTION AND ANATOMY, Lowes Dalbiac Luard. 1996. ISBN: 0-85131-645-X.  
Comments: A good book, similar to "Calderon," but not so technical. Lot's of discussion about horse structure and motion specifically designed for the artist.

A PHOTOGRAPHIC GUIDE TO CONFORMATION, Robert Oliver and Bob Langrish. 1992. ISBN: 0-85131-522-4.

Comments: Some lovely photos, but not very useful due to its repetition of conventional errors.

CONFORMATION AND PERFORMANCE: A GUIDE TO THE PERFORMANCE CONSEQUENCES OF COMMON CONFORMATION POINTS, Nancy S. Loving. 1997. ISBN: 914327-75-5.

Comments: A handy book filled with lovely photos. However, take it with a large grain of salt for both the text and photos because it repeats conventional misinformation. Conformation isn't gospel, and quite a few of the photos show bad horsemanship which influences the body.

FUNCTIONAL ANATOMY (Threshold Picture Guide #43), Chris Colles, Bvet Med, PhD, MRCVS. 2000. ISBN: 1-872119-19-0.

Comments: A small pamphlet with some very clear and well done illustrations.

■SUPERFICIAL MUSCLES OF THE HORSE (A chart), Mike Baxter, Academy of Equine Sport Therapy, 308, 4014 MacLeod Trail, Calgary, Alberta T2G 2R7. (403) 287-1739.

Comments: A clear, quick reference color-coordinated chart of the superficial muscles.

HORSEMAN'S VETERINARY ENCYCLOPEDIA, revised and updated, Will. A Hadden III, DVM. 2005. ISBN: 1-59228-527-9.

Comments: A handy book that includes much of what many other books contain. However, it does have a unique discussion and illustrations of a severed reciprocal system of the hind leg.

THE HORSE IN ACTION: THE WALK, TROT, CANTER, GALLOP, AND JUMP, ILLUSTRATED, Henry Wynmalen, Michael Lyne (Illustrator). 2005 republication of a 1954 publication. ISBN: 0-486-44108-3.

Comments: Useful for the beginner to illustrate the gaits. However, the illustrations are lovely and provide a lot of inspiration.

THE EQUINE BODY: CUT AND PASTE EQUINE PHYSIOLOGY, Beth Maloney. 2000. ISBN: 0-85131-735-9.

Comments: Large, clear and colorful illustrations meant to be cut out and made into 3D paper models.

◆HORSE STRUCTURE AND MOVEMENT, Smythe, Goody and Peter Gray. 3rd Edition 1993. ISBN: 0-85131-547-X.

Comments: An excellent book that discusses anatomy and biomechanics and related subjects. It also has diagrams of some handy landmarks.

✕HOW TO DRAW ANIMALS, Jack Hamm. 1982. ISBN:0-399-50802-3.

Comments: You never know where you'll find some handy insights and this book is a nice surprise. It has a lot of comparative anatomy info and the horse info, while simple, has some powerful visual tricks that are useful for portraying motion and structure.

HORSE CONFORMATION AS TO SOUNDNESS AND PERFORMANCE, Ben K. Green. 1991. ISBN: 0-87358-135-0.

Comments: Peppered with a lot of conventional misinformation, but there are some useful tidbits, which is why it's appropriate only for the advanced student.

✕ANIMALS IN MOTION, Eadweard Muybridge. 1957. ISBN: 0-486-20203-8.

Comments: An essential book that helps to train your eye to pin-point what the bones and muscles are doing by studying sequential motion. Get the big book (indicated here) and don't settle for the smaller paperback.

EQUINE PHOTOS AND DRAWINGS FOR CONFORMATION AND ANATOMY, Juliet Hedge. 1999. ISBN: 0-935842-13-6.

Comments: A good book on conformation, but beware of the parroting of misinformation.

EQUINE LOCOMOTION, Willem Back and Hilary Clayton. 2001. ISBN: 0-7020-2483-X.

Comments: A meaty book in technical language, being a textbook. Unfortunately the included studies don't seem to factor in good horsemanship, which can bring some of the conclusions into question, but it has helpful insights for the determined.

■ANATOMY AND CONFORMATION OF THE HORSE, Gladys Brown Edwards. 1973. ISBN: 0-88376-025-8.

Comments: A good book on the subject with excellent drawings and photos. Beware of some issues with the conformation text because it repeats a lot of conventional errors. Out of print.

✕POINTS OF THE HORSE, Captain M. Horace Hayes F.R.C.V.S. 7th Edition 1968. Arco Publishing Company, Inc., 219 Park Avenue South, NY, NY 10003.

Comments: A neat book on the subject with loads of fun old photos. Out of print.

OUTLINES OF EQUINE ANATOMY, A MANUAL, John Henry Steel. 1876.

Comments: A reprint of a public domain publication, this is a meaty text. No illustrations, but packed full of detailed descriptions meant to guide someone through a dissection. Advanced only.

✕HORSE ANATOMY, A Handbook for Artists, Comprising the Study of the Proportion, Structure and Action of the Horse, as Compared to Man, Lewis S. Brown. 1948. Bridgman Publishers, Inc., Pelham NY.

Comments: Filled with beautiful illustrations of horses and nudes. Deals largely with proportional issues, but also has ideas about equine motion. The pages illustrating anatomy of both horse and human are fabulous. Out of print.

REGIONAL AND APPLIED ANATOMY OF THE DOMESTIC ANIMALS – PART ONE: HEAD AND NECK, John A. Taylor. 1955. Oliver and Boyd, Ltd., Edinburgh.

Comments: A great find! Spiral bound, it provides some valuable unique views for the advanced student. Out of print.

REGIONAL AND APPLIED ANATOMY OF THE DOMESTIC ANIMALS – PART TWO: THORACIC LIMB, John A. Taylor. 1959. Oliver and Boyd, Ltd., Edinburgh.

Comments: Spiral bound, this is a brilliant little book! It's like a mini version of "Sisson & Grossman." Out of print.

REGIONAL AND APPLIED ANATOMY OF DOMESTIC ANIMALS - PART THREE: PELVIC LIMB, John A. Taylor. 1970. Oliver and Boyd, Ltd., Edinburgh.

Comments: This book unfortunately is more dedicated to the dog—way too much dog. However, some of the views of the horse's hind leg are unusual and useful. Out of print.

THE ANATOMY OF THE HORSE; A DISSECTION GUIDE, John McFadyean. 2009. ISBN: 1429769335 or 978-1429769334.

Comments: This is a reprint of the dissection guide gifted to Cornell University. Unfortunately, this reprint is tiny, being about 5 x 7 inches. The diagrams are reproduced poorly, and many are missing from the original document and so from this book, too. However, the text is another matter entirely—meaty, informative and a good companion to "Sisson and Grossman."

FUNCTIONAL ANATOMY AND PHYSIOLOGY OF DOMESTIC ANIMALS, William O. Reece. 4th Edition 2009. ISBN: 0813814510 or 978-0813814513.

Comments: Deals more with internal aspects of anatomy and physiology, and not much on the horse, though that section does have some useful aspects.

TEXTBOOK OF VETERINARY ANATOMY, K. M. Dyce DVM & S BSc MRCVS, Wolfgang O. Sack DVM PhD, C. J. G. Wensing DVM PhD. 3rd Edition 2002. ISBN: 978-0-7216-8966-1 or 0-7216-8966-3

Comments: This is a big textbook that only deals with the horse in Chapter 18, and periodically elsewhere in the text. However, the information it does provide is useful and unique (for example, showing how the molars change orientation in the skull between foals and adults).

UNDERSTANDING THE EQUINE EYE, Michael A. Ball, DVM. 1999. ISBN: 1-58150-032-7.

Comments: While mostly dealing with treatment, I bought this book because of the good basic information on the anatomy and function of the eye. Good illustrations and photos, too.

▲ANATOMY OF DOMESTIC ANIMALS: SYSTEMIC AND REGIONAL APPROACH, Chris Pasquini. 7th Edition 1989. ISBN: 0-9623114-2-1.

Comments: Another Pasquini anatomy book that includes domestic animals other than the horse (like the llama), with loads of whimsical little cartoons. It includes some unique features such as showing the hard palette of the horse, and more information on the eyes and hyoids.

THE EQUINE DISTAL LIMB: An Atlas of Clinical Anatomy and Comparative Imaging, Jean-Marie Denoix. 2000. ISBN: 0-8138-0249-0.

Comments: While expensive, this is a super book that provides every minute detail of the equine distal limb for the artist, including rather obscure ligaments. However, you definitely have to be an advanced student interested in esoteric information to glean anything useful.

CLINICAL ANATOMY & PHYSIOLOGY FOR VETERINARY TECHNICIANS, Thomas Colville and Joanna M. Bassert. 2002. ISBN: 978-0-323-00819-8 or 0-323-00819-4.

Comments: A nice book that really delves into the molecular workings of the body, along with some clear diagrams of the skeleton (which is why I bought it).

VETERINARY NOTES FOR HORSE OWNERS, Captain M. Horace Hayes F.R.C.V.S. 17th Edition 1987. ISBN: 0-671-76561-2.

Comments: A large book that deals with mostly diseases and injuries. Nonetheless, I found the sections on anatomy and systems helpful. Only for the advanced student though.

UC DAVIS BOOK OF HORSES, A Complete Medical Reference Guide for Horses and Foals, UC Davis Faculty of Veterinary Medicine. 1996. ISBN: 0-06-270139-8.

Comments: I bought this book specifically for the organs and systems chapters. The anatomy and motion sections are surprisingly small and basic.

UNDERSTANDING THE EQUINE FOOT, Fran Jurga. 1998. ISBN: 0-939049-96-1.

Comments: While not having much to do with foot anatomy and function, this book is wonderful for its clear illustrations and photos of what not to input on your sculpture. It also has a terrific photograph of the laminae.

UNDERSTANDING EQUINE LAMENESS, Les Sellnow. 1998. ISBN: 0-939049-94-5.

Comments: A basic book about some lameness issues. It does have some illustrations that make this book uniquely helpful such as the inside view of a bowed tendon.

THE COMPREHENSIVE GUIDE TO EQUINE VETERINARY MEDICINE, Barb Crabbe, DVM. 2007. ISBN: 978-1-4027-1053-7 or 1-4027-1053-4.

Comments: A good veterinary book, with a practical “using” quality to it. It has beautiful anatomical illustrations and an excellent series of malocclusions of the teeth.

THE HORSE’S HEALTH FROM A TO Z, Peter D. Rossdale and Susan M. Wreford. 1974. ISBN: 0-668-08414-9.

Comments: A basic vet book, but with some good info charts on muscles and function and other general information.

THE ULTIMATE HORSE CARE. A Complete Veterinary Guide, Edited by John McEwen Bvet, MED, MRCVS. 2000. ISBN: 1-58245-170-2.

Comments: A really good book for the beginner, covering many subjects decently and laying good groundwork for further study.

✕THE BIRDIE BOOK, Deb Bennet, PhD. 2001. Equine Studies Institute, PO Box 411, Livingston, CA 95334. On CD only. For more information: [www.equinestudies.org](http://www.equinestudies.org).

Comments: Exceptional. It’s about 700 pages (on CD) and filled with so much information your head will explode. It deals mostly with equine psychology, but the related subjects are fascinating and essential. Also has important information on equine expression, which is relevant for sculpture.

✕A PRACTICAL FIELD GUIDE FOR HORSE BEHAVIOR: THE EQUID ETHOGRAM, Sue McDonnell, Ph.D. 2003. ISBN: 1-58150-090-4.

Comments: Wonderful! It’s a literal field guide to equines, well-organized and full of photos, mostly of feisty little ponies being their pony selves. I also appreciate the compassionate and unprejudiced perspective this book has towards horses.

DRAW HORSES WITH SAM SAVITT, Sam Savitt. 1981. ISBN: 0-939481-23-5.

Comments: A good book that helps the artist visualize anatomy in motion when it’s studied and just not looked at, if you catch my drift.

✕BRAIDING MANES AND TAILS; A Visual Guide to 30 Basic Braids, Charni Lewis. 2007. ISBN: 978-1-58017-699-6.

Comments: Fantastic book for artists! Very clear illustrations on how lots of different braids and hair treatments are done, with full color clear photos of the end result.

ANIMAL DRAWING AND ANATOMY, Edwin Noble, F.Z.S. 1928. B.T. Batsford, Ltd., 94 High Hoborn, London, UK. Out of print.

Comments: A unassuming little book, but a beautiful find! Lovely drawings and some valuable and unusual insights, in text and drawings, for artists on equine anatomy. Out of print.

DRAWING AND PAINTING HORSES, The Art of the Equine Form, Barbara Oelke. 2000. ISBN: 0-8230-1419-3.

Comments: A beautiful book even though the anatomy sections are basic. Regardless, it has some helpful visualization techniques.

ANATOMY OF THE HORSE: An Illustrated Text, Professor Klaus-Dieter Budras, Professor em. W.O. Sack and Sabine Rock. 3rd Edition 2001. ISBN: 3877066208.

Comments: For the advanced student, with big illustrations and photos, with handy muscle-function charts in the back. Not much discussion on function, however, but it does have lots of illustrations of esoteric structures such as the hyoid apparatus.

■EQUINE MASSAGE: A Practical Guide, Jean-Pierre Hourdebaigt, R.M.T. 1997. ISBN: 0-87605-998-1.

Comments: Don't overlook body working books for insights! While it obviously deals with massage, it has good basic anatomical and biomechanical information and helpful photos of landmarks.

THE HORSE IN MOTION: The Anatomy and Physiology of Equine Locomotion, Sarah Pilliner. 2002. ISBN: 0-632-05137-X.

Comments: This book is a mess—stay away from it. The text isn't helpful, the drawings are mediocre at best and many of the anatomical illustrations are totally wrong! A major disappointment.

ALL HORSE SYSTEMS GO: The Horse Owner's Full-Color Veterinary Care and Conditioning Resource for Modern Performance, Sport and Pleasure Horses, Nancy S. Loving, DVM. 2006. ISBN: 978-1-57076-326-7 or 1-57076-326-7.

Comments: This is more like a veterinary book than a training book, but it does have some useful information on the eyes and tooth malocclusions. Despite that, it's loaded with conventional errors about conformation, so beware.

EQUINE SCIENCE, Sarah Pilliner and Zoe Davis, 2nd Edition 1996. ISBN: 1-4051-1944-6 or 978-1-4051-1944-3.

Comments: This book delves more into the cellular and biochemical level, and more with internal systems. It also perpetuates gross misinformation about conformation. There are far better references for such things.

EQUINE INJURY, THERAPY AND REHABILITATION, Mary Bromiley. 2nd Edition 1993. ISBN: 0-632-03608-7.

Comments: Some useful tidbits on anatomy, but not much since this book mostly deals with healing.

THE EQUINE ATHLETE: HOW TO DEVELOP YOUR HORSE'S ATHLETIC POTENTIAL, Jo Hodges and Sarah Pilliner. 1992. ISBN: 0-943955-59-9.

Comments: A good basic discussion on anatomy and biomechanics, with some good illustrations. Also discusses proportion and other subjects related to performance. It's quick reference chart on muscle location and function is handy, too.

PRINCIPLES OF VETERINARY SCIENCE, Frederick Brown Hadley. 3rd Edition 1946. W.B. Saunders Co., Philadelphia.

Comments: An old vet book that I got for the information on body systems for my own curiosity, but not very useful for the artist for sculpture. Out of print.

THE LAME HORSE: CAUSES, SYMPTOMS AND TREATMENT, James R. Rooney. 1992. ISBN: 0-914327-04-6.

Comments: Mostly discusses injuries, but is helpful to the advanced student by providing some clarity on certain leg issues.

▲PRACTICAL GUIDE TO LAMENESS IN HORSES, Ted S. Stashak DVM, MS. 1996. ISBN: 0-683-07985-9.

Comments: A good book with lots of photos and illustrations of what not to do in sculpture! Also discusses some injuries that are often “seen” in sculpture.

TENDON & LIGAMENT INJURIES IN THE HORSE, David W. Ramey. 1996. ISBN: 0-87605-912-4.

Comments: Has a good basic discussion on the lower legs, but mostly deals with rehabilitation techniques.

LAMENESS IN HORSES, O.R. Adams. 3rd Edition 1974. ISBN: 0-8121-0474-9.

Comments: A good book on the legs with discussion of anatomy and function. Though the information is helpful and the illustrations are excellent, this section isn't as expansive as I would like. But the text on soundness is helpful to avoid transferring lameness into a sculpture. For the advanced student.

THE HORSE: THE FOOT, SHOEING AND LAMENESS, Julie Brega. 1995. ISBN: 0-85131-612-3.

Comments: A good basic book on the subject, though not as in-depth as I would like.

HEALTHY HOOVES: THEIR CARE AND BALANCE. Mary Kay Kinnish. 1988. Fleet Street Publishing Corp., 656 Quince Orchard Rd., Gaithersburg, MD 20878. Also available through Equus Magazine.

Comments: A useful book about the basics of hoof structure and maintenance.

HORSESHOEING: Horse Health and Care Series, #2. 1972. ISBN: 0-912830-03-4.

Comments: Although dated, this little book does have some good anatomical information, along with some interesting details about shoes.

WELL-SHOD: Horseshoeing Guide for Owners and Farriers, Don Baskins. 1997. ISBN: 0-911647-69-4.

Comments: The value of this book is the very clear graphics of the different shoes and trims for specific conformation problems.

FEET AND SHOES, Toni Webber. 1995. ISBN: 1-872082-10-6.

Comments: A handy little book with some nice drawings of shoes and studs, plus some foot anatomy.

**SHOEING RIGHT: ADVICE TO HORSE OWNERS FROM A WORKING FARRIER**, David Krolick. 1991. ISBN: 0-914327-39-9.

Comments: Good book on the subject, with some useful illustrations and photos of foot anatomy. Also discusses motion in relation to foot concerns.

■**MAXIMUM HOOF POWER: HOW TO IMPROVE YOUR HORSE'S PERFORMANCE THROUGH PROPER HOOF MANAGEMENT**, Cherry Hill and Richard Klimesh. 1994. ISBN: 0-87605-964-7.

Comments: Good book on the subject with lots of photos and illustrations. Helpful information on the foot's anatomy and function, too, though some of the theories on foot function may be out-dated.

◆**MAKING NATURAL HOOF CARE WORK FOR YOU**, Pete Ramey. 2003. ISBN: 0-9658007-7-6.

Comments: Brilliant book loaded with lots of useful images of good feet to sculpt, what to avoid and what it all means. Essential for an artist interested in sculpting healthy, happy feet.

**SHOEING FOR PERFORMANCE IN THE SOUND AND LAME HORSE**, Haydn Price and Rod Fisher. 1995. ISBN: 1-57076-033-0.

Comments: A good book with some good discussion on foot anatomy with clear illustrations.

**HOOF PROBLEMS, Hoof Construction, Trimming and Shoeing, Solutions for Common Issues and Ailments**. Rob Van Nassau. 2007. ISBN: 978-1-57076-382-3.

Comments: The anatomy sections are wonderful and detailed, and the shoeing sections are well-done. Beware, however, for the photos of all that can go wrong are rather gruesome. For the advanced student only.

**NO FOOT, NO HORSE; Foot Balance: The Key to Soundness and Performance**. Gail Williams BA[Hons] PhD, Martin Deacon FWCF. 1999. ISBN: 1-872119-48-4.

Comments: Lots of useful information for the advanced student, but also some dated information. It's an interesting combination of truthful insights and obsolete information.

■**HORSE COLOR**, D. Phillip Sponenberg and Bonnie V. Beaver. 1st Edition 1983. ISBN: 0-89096-155-7.

Comments: Super little book that laid the foundation for equine color genetics.

■**EQUINE COLOR GENETICS**, D. Phillip Sponenberg. First Edition 1996. ISBN: 0-8138-2905-4.

Comments: Indispensable.

■**EQUINE COLOR GENETICS**, D. Phillip Sponenberg. Second Edition 2003. ISBN: 0-8138-0759-X.

Comments: Indispensable, again, though it's a second edition. Knowledge in color genetics is developing, and there are some interesting new photos.

■**EQUINE COLOR GENETICS**, D. Phillip Sponenberg. Third Edition 2009. ISBN: 978-0-8138-1364-6.

Comments: Indispensable, yet again, for the same reasons. New colors and new photos!

▲PFERDE AUS LICHT UND SCHATTEN (Horses of Light and Shadow), Ursula Schmidt-Basler. 2002. ISBN: 3-275-01431-5.

Comments: This book is in German and I'm unaware of an English translation. Nonetheless, it's still a cool book.

▲HORSE COLOR EXPLAINED: A BREEDER'S PERSPECTIVE, Jeanette Gower. 1999. ISBN: 1-57076-162-0.

Comments: Useful, with lots of fun photos. But be careful of the information...the data is more accurate in "Sponenberg."

✕THE NATURAL COLORS OF THE ICELAND HORSE, Fridpjoður Þorkelsson and Sigurður A. Magnússon. ISBN: 9979-3-1407-9.

Comments: Really cool book for the photos. But be careful when applying these colors to other breeds, since Icelandics have unique peculiarities.

ILLUSTRATED HORSEWATCHING, Desmond Morris. 1997. ISBN:1-57715-094-5.

Comments: Really interesting and fascinating.

✕UNDERSTANDING HORSE BEHAVIOR: An Innovative Approach to Equine Psychology and Successful Training, Lesley Skipper. 2007. ISBN: 978-1-60239-051-5 or 1-60239-051-7.

Comments: A wholly refreshing book! While written from a horse-keeping and riding perspective, it's totally relevant to art work by addressing some important concepts and things to look for when identifying a happy horse from an unhappy one. It's also one of the few books that discusses how poor riding and training techniques can be destructive psychologically to horses, which then manifests as certain postures, expressions or behaviors.

✕THE NATURE OF HORSES: EXPLORING EQUINE EVOLUTION, INTELLIGENCE AND BEHAVIOR, Stephen Budiansky. 1997. ISBN: 0-684-82768-9.

Comments: Excellent book that explores some fascinating biological facts of the equine.

THE WORLD ACCORDING TO HORSES: HOW THEY RUN, SEE AND THINK, Stephen Budiansky. 2000. ISBN: 0-8050-6054-5.

Comments: An abbreviated version of his earlier book, above.

✕TRUE HORSEMANSHIP THROUGH FEEL, Bill Dorrance and Lesli Desmond. 1999. ISBN: 1-58574-321-6.

Comments: The Dorrances are the real deal. True horsemen. This book is indispensable for both the horse person and the artist in terms of "deep understanding" of the animal. Read Dr. Bennett's "Birdie Book" before reading this one, though.

✕CONQUERORS: THE ROOTS OF NEW WORLD HORSEMANSHIP, Deb Bennet, Ph.D. 1998. ISBN: 0-9658533-0-6.

Comments: Fantastic. It's about horsemanship, but so much more!

DANCING WITH HORSES: THE ART OF BODY LANGUAGE, Klaus Ferdinand Hempfling, 2001. ISBN: 1-57076-184-1.

Comments: Great photos and some interesting insights into the horse.

HORSES THROUGH TIME, Sandra Olsen. 1996. ISBN: 1-57098-060-8.

Comments: Handy book for some insights in equine history.

✕BRED FOR PERFECTION; Shorthorn Cattle, Collies, and Arabian Horses since 1800, Margaret E. Derry. 2003. ISBN: 0-8018-7344-4.

Comments: A must-read for artists sculpting the equine, as it should be for breeders and judges, too. It gently makes critical points about breeding, “purity,” propaganda and aesthetics and how they conspire to hurt the very animal upon which it’s all based.

WHAT HORSES REVEAL; From First Meetings to Friend for Life, Klaus Ferdinand Hempfling. 2004. ISBN: 1-57076-285-6.

Comments: This is like a “zodiac personality chart” for horses. I understand the need to simplify horse personalities so the average person can “get it,” but I believe this approach demeans the individuality, dignity and complexity of the individual, just as it does with “zodiac personality characteristics” for people. So take it with a big grain of salt. Nevertheless, there are some useful ideas and insights and, of course, lots of beautiful photos.

✕CLASSICAL SCHOOLING WITH THE HORSE IN MIND; Gentle Gymnastics Training Techniques, Anja Beran. 2007. ISBN: 978-1-57076-374-8.

Comments: And important book for the artist to have and understand—if you want to avoid the horror show that is modern dressage, this is the book for you. You’ll find lots of wonderful insights and examples of true collection and a happy, calm-minded horse. This is how dressage should be practiced.

✕TUG OF WAR: CLASSICAL VERSUS “MODERN” DRESSAGE; Why Classical Training Works and How Incorrect “Modern” Riding Technique Negatively Affects Horses’ Health, Dr. Gerd Heuschmann. 2009. ISBN: 978-1-57076-375-5.

Comments: Another must-read for the artist. It points out, in gruesome detail, the nightmare that is modern dressage and how far off-track it’s become. We need to understand the difference between responsible horsemanship and abusive exploitation, and this book arms us with the ability to make those judgments.

PRIME MOVER: A NATURAL HISTORY OF MUSCLE, Steven Vogel. 2001. ISBN: 0-393-02126-2.

Comments: Pending...still reading it.

✕FOSSIL HORSES: SYSTEMATICS, PALEOBIOLOGY AND EVOLUTION OF THE FAMILY EQUIDAE, Bruce J. MacFadden. 1992. ISBN (paperback): 0-521-47708-5.

Comments: Terrific for the artist interested in what makes an equine an equine, or more specifically, a horse a horse. Technical and detailed, it’s good read for the dedicated.

## MAGAZINE ARTICLES

▲CONFORMATION INSIGHTS, Dr. Deb Bennet’s regular column in Equus. [www.equisearch.com/magazines/equus/](http://www.equisearch.com/magazines/equus/)

▲KEY TO LOCKED STIFLES, Dr. Deb Bennet, Equus #284.

Comments: The best information so far on the reciprocal apparatus and similar issues. Excellent text and illustrations.

▲TRAINING AS TREATMENT, Dr. Deb Bennet, Equus #285.

Comments: Fabulous for deep insights into horsemanship and motion.

▲THE SIZE OF EYES, Christine Barakat, Equus #288.

Comments: Good myth-buster on “big eyes”.

THE CENTAUR LEGACY, Bjarke Rink, Equus #296.

Comments: Very cool article on the symbiotic relationship between horse and human.

◆WHAT KIND OF AN ANIMAL IS A HORSE?, Dr. Deb Bennet, Equus #116.

Comments: An essential introduction to equine evolution.

JBACK TALK, Equus #27.

Comments: Excellent discussion of spinal mechanics in a fun “interview” format.

THE BAD BACK, Ann Smalley and Matthew Mackay-Smith, DVM, Equus #76.

Comments: Good discussion on spinal mechanics with a good diagram.

MAKING CONFORMATION COUNT, Dr. Deb Bennet, Equus #208.

Comments: Good summary of her 3-volume book set.

▲EQUINE BIOMECHANICS EXPLAINED, Sara Wyche, Horse and Rider.

Comments: Good discussion of the Sacroiliac joint.

EASY RIDERS, Mary Kirkman, Equus #165.

Comments: Good basics on bascule.

A QUESTION OF COLOR, Sue M. Copeland, Horse and Rider, March 2002.

Comments: Good basics on non-black point colors with some lovely photos.

▲DRINKERS OF THE WIND, Dr. Deb Bennet, Equus #179.

Comments: Interesting look at the “ox heads” and the “camel heads”.

CONFORMATION: ATHLETIC AND AESTHETIC, Samantha Hamilton, Equus #30.

Comments: Good basics on conformation evaluation.

GAITACCOMPLI, Bobbie Lieberman and Matthew Mackay-Smith, DVM, Equus #42.

Comments: Handy basics on gait and coordination.

▲LESSONS FROM WOODY, Dr. Deb Bennet, Inner Horseman, Vol. 3, #2.

Comments: Essential insights on equine biomechanics, particularly when ridden.

## ORG PUBLICATIONS

▲THE INNER HORSEMAN, Equine Studies Institute, PO Box 411, Livingston, CA 95334. On CD. You must be a member to receive the newsletter. For more information: [www.equinestudies.org](http://www.equinestudies.org)

## ONLINE RESOURCES

▲Equine Studies Institute: <http://esforum.mywowbb.com> Download the free PDFs and participate on the forum for invaluable information on matters pertinent to sculpture.

▲Sustainable Dressage: [www.sustainabledressage.net](http://www.sustainabledressage.net)

▲Pete Ramey, Hoof Rehabilitation: [www.hoofrehab.com](http://www.hoofrehab.com) Read the free online articles because they'll show you what good hooves look like, and it may surprise you!

## DVDs & CD ROMs

◆THE VISIBLE HORSE: Anatomy in Motion 1, Susan Harris and Peggy Brown, 2000, Trafalgar Square Publishing, Box 257, North Pomfret, VT 05053.

DR. DEB BENNETT'S SECRETS OF CONFORMATION, Deb Bennett PhD, The Equus Collection, 656 Quince Orchard Road, Gaithersburg, MD 20878. [www.equinestudies.org](http://www.equinestudies.org)

EYEWITNESS: HORSE, 1994.

HORSEPOWER: Superficial Equine Muscular Anatomy and Function, Marleigh B. Freyenhagen, 1999.

▲UNDER THE HORSE; 16 Hour Hoof Rehabilitation Series. Pete Ramey DVD. [www.hoofrehab.com/underthehorse.htm](http://www.hoofrehab.com/underthehorse.htm)

■HORSE MOVEMENT AND GAITS, Deborah K. White, 1998. Wind Shadow Media Productions, Inc., 805 Breen Drive, Champaign, IL 61820.

HORSE CONFORMATION AND ATHLETIC MOVEMENT, 2000, Deborah K. White, Wind Shadow Media Productions Inc., 805 Breen Drive, Champaign, IL 61820

## MAGAZINE ARTICLES

Gather as many photos and clippings from resources as you can since these often help to provide a more diverse spectrum of views, proportion, types, movement, etc. Analyzing them with calipers helps to train your eye. Don't forget calendars, either!

## WORKSHOPS

- ▲ 5-DAY DISSECTION: Instructed by Dr. Deb Bennet. 5 days. [www.equinestudies.org](http://www.equinestudies.org)
- WIRE TO WHINNY: Instructed by Lynn Fraley. 3 days. [lafnbear.com](http://lafnbear.com)
- LEGS: Instructed by Lynn Fraley. 3 days. [lafnbear.com](http://lafnbear.com)
- ◆ EQUIKEN (ZAHOUREK SYSTEMS): [www.anatomyinclay.com](http://www.anatomyinclay.com)
- ◆ AAEA: [www.aaea.net](http://www.aaea.net)
- ▲ EQUINOLOGY: [www.equinology.com](http://www.equinology.com)
- MEPC: <http://cvm.msu.edu>

## BLOGS

- The Equine Tapestry: <http://equinetapestry.com>
- Global Horse Culture: <http://globalhorseculture.typepad.com>
- Dressage blog: <http://www.artisticdressage.com/blog.html>
- The Natural Leader: <http://thenaturalleader.blogspot.com>

## LIFE STUDY

Many hours of intense study of the living animal based on the information learned from these resources is essential. Only the real animal can illuminate the concepts learned in books, so you have to get up close and personal. The living animal always is the best teacher!