

## Close Up And Macro Photography Its Art And Fieldcraft Techniques

*High magnification photography is immensely exciting and rewarding. Through the close-up lens, everyday objects produce striking images, and small creatures show amazing detail that usually goes unnoticed. This book is both a practical guide to each step of the close-up process, as well as a source of inspirational ideas and subjects for producing high-impact images. Topics covered include: cameras, lenses and equipment; step-by-step techniques for high quality results; ideas for close-up subjects, including flowers, insects and still life; composing close-up pictures for maximum impact; using software for creative effect and suggestions for presenting macro photographs. Superbly illustrated with 229 stunning colour photographs.*

*Ross Hoddinott has completely revised, and also expanded upon, his hugely successful Digital Macro Photography book published by GMC Publications in 2007. This book takes you on an incredible journey into the macro world where you can see insects that look like aliens or the hidden symmetries of plants. Technical terms, the basic techniques and how to get the best from your camera are all explained in an easy-to-follow way, accompanied by stunning example shots and invaluable tips.*

*"Macro and close-up photography isn't all about the equipment. In fact, most DSLR users that love to shoot close-up do not even have a Macro lens. This type of photography does, however, involve a unique set of challenges and skills. The composition and lighting are key elements of shooting something close-up. Done right, a photographer can make the most extraordinary photo out of something common without being too complex. This author shows you how to achieve stunning and creative results without overloading the reader with too much technical info"--*

*Discover a new world of texture, pattern, and color through close-up and macro photography. Topics covered include cameras, lenses, and equipment; techniques for high quality results; ideas for subjects, including flowers, insects, and still life; composition for maximum impact; using software for creative effect; and suggestions for presenting macro photographs.*

*Natural Science Imaging and Photography*

*Close-up & Macro*

*Close-Up Photography By Focusing A Macro Lens: Advancing Your Photograph*

*Macro Techniques in the Field*

*The Complete Guide to Close-up & Macro Photography*

*Mastering Macro Photography*

*Capturing the grandeur of landscapes or mood of a certain natural light is challenging but often the simple details of a texture or color evade photographers most of all. In Close Up Photography in Nature, best-selling authors and nature photography pros, John and Barbara Gerlach, share the tips and techniques necessary to successfully photograph the beauty all around you. The Gerlachs are celebrated teachers who understand a photographer's mind so they begin this book with a brief overview of the fundamentals before delving into some of the more advanced and unique challenges of close up photography. Topics covered include: advanced flash techniques specific for close up shooting, as well as a discussion on focus stacking strategies and tilt-shift lenses for getting maximum depth-of-field. The Gerlachs also discuss their strategy of mixing flash with natural light when shooting close up, which opens up all sorts of photographic possibilities - opening up shadows, creating shadows, separating the subject from the background, reducing contrast between the subject and the background, improving the color rendition, shooting sharper images, and much more. This book will change the way you see the world as well as the way you share it through your work! the world through your work!*

*This book provides an in-depth exploration of scientific photography. Highlighting the best practices needed to make, distribute, and preserve scientific visual information using digital photographic methods and technologies, it offers solutions to some of the biggest challenges facing photographers. Written by a team of international, award-winning image makers with over 300 years of cumulative experience, this comprehensive resource explains the foundations used, the tools required, and the steps to needed for creating the optimal photograph in a range of environments and circumstances. Topics covered include: • ethical practices • aerial photography • close-up and macro photography • computational photography • field photography • geological photography • imaging with invisible spectrums • photographing small animals in captivity • time-based imaging • image processing in science Showcasing modern methods, this book equips readers with the skills needed to capture and process the best image possible. Designed for basic*

*and intermediate photographers, Natural Science Imaging and Photography exists as an essential contemporary handbook. Step into a world of photography that most artists consider magical. The closer you get to things, the more fascinating they become. Unimaginable details can be captured with the aid of special photography techniques and equipment, detailed at length within these pages. Macro photographers play by a different rulebook. The challenges faced from the subject matter, the equipment and even the laws of physics make this an ambitious genre of photography. It can be abstract, it can tell stories, and it can spark your imagination. Author and "Mad Scientist" photographer Don Komarechka covers every area of macro photography, from simple beginnings and tips to help you get the most out of your first macro lens, all the way through a masterclass in the obscure. Topics include: - Redefining the rules of composition - Finding and exploring narratives we ignore - The challenges of magnification - Camera equipment choices and recommendations - Inexpensive ways to get "closer" - Controlling and sculpting light - Overcoming shallow focus - Using water droplets as lenses for enchanted refractions - The art of photographic discovery: "what if?" - Winter macro: snowflakes and freezing soap bubbles - Ultraviolet fluorescence macro - Stereoscopic 3D macro photography - MANY more topics down the rabbit hole*

*Focusing on fieldcraft techniques for macro and close-up photography, Thompson covers the vital but often overlooked skills necessary to achieve consistent professional results in the field. Case studies covering a broad and often challenging group of subjects from the seashore to your back garden form the core of the lavishly illustrated book. Biology, life history, subject behaviour and ethics along with best practice approaches are discussed in detail and underpinned with photographic tips. The book is divided into four sections—Digital Fundamentals, Fieldcraft & Methodology, Portfolio Case Studies, Digital Workflow & Presentation—covering the full photographic process from capture through to editing, captioning, development and storage are discussed. Moving beyond the surface-level approach to macro instruction, this book provides readers with techniques that work in the field. Illustrated with over 250 of the author's own inspiring images, this publication is a must for photographers, naturalists and anyone interested in improving their macro skills in the field.*

*Professional Macrophotography Techniques for Exceptional Studio Images*

*Close-up and Macro Photography for Evidence Technicians*

*Practical Techniques for Evidence Documentation on Location and in the Laboratory*

*From Snapshots to Great Shots*

*A Photographer's Guide*

*The Essential Guide to Digital Techniques*

**There is an incredible "wow factor" when one looks at images that show small pieces of the natural world. If you enjoy viewing a bug's eyes, flower pistils and stamens, lacy details of frost, or any of the millions of "small landscapes" that surround us, then this descriptive book about macro photography is for you! With 200 color photographs and 12 sections about macro photography gear, Bruce and Amy share their passion of macro photography while demonstrating how to capture these images.**

**One of the country's foremost nature photographers offers closeup techniques and covers exposure, equipment and composition along with special equipments and lenses.**

**This practical guide to the world of macro photography is a thorough survey of the equipment required for film and digital users and a detailed explanation of the techniques required for photographing popular close-up subjects.**

**Close up photography is one of the most fascinating areas in the field. This illustrated guide takes the reader on a journey into the wonderful world of small, smaller, and smallest objects and show how to capture their beauty with photographic images.**

**Digital Photography Tips and Techniques**

**Macro Photography for Gardeners and Nature Lovers**

**Close Up Photography in Nature**

**Flash Techniques for Macro and Close-up Photography**

**A Guide for Digital Photographers**

**Part Of The DSLR Fundamentals Series**

An indispensable guide for shooting macro and close-up photography.

An Introduction To Macro & Close-Up Photography, part of the DSLR Fundamentals series, is an eBook written specifically for those interested in learning more about the basics of macro and close-up photography. The book uses text, video links, diagrams, graphs, and charts to explain and teach a variety of concepts such as: - Understanding the difference between macro and close-up photography - Choosing dedicated macro equipment and learning how to use it - Modifying existing equipment for macro and close-up photography using reversing rings, extension tubes, macro couplers, and diopters - Creating on-camera, off-camera, and external lighting solutions - Do-It-Yourself projects for creating a variety of reflectors and diffusers - Learning an array of macro and close-up shooting techniques - Mastering the fundamental issues of shooting macro and close-up, such as depth of field, natural and artificial lighting, proper exposure, subject and camera movement, and principles of light and shadow - Employing elements of art and style for better bokeh, creative focus, unique perspective, inventive exposure, and proper composition - Processing macro and close-up photographs using editing software The volume also includes information and links to useful gadgets, equipment, graphics, and online communities relevant to macro and close-up photography. If you're a new or established photographer, someone interested in a different genre of photography, or someone who has an interest in shooting close-ups, this book will help you learn the basics needed to take beautiful macro and close-up photos.

The Complete Guide to Macro and Close-Up Photography is a comprehensive handbook on macro and close-up photography, offering both ambitious beginners and veteran photographers all the information they need to create great macro photographs. Experienced photographer and author Cyrill Harnischmacher covers: Explanations of all the concepts behind close-up and macro photography Equipment, including camera systems, macro lenses, close-up lenses, extension tubes, and reversing rings Shooting techniques such as high-speed photography using photoelectric sensors, light painting, focus stacking to extend depth of field, panoramic and infrared macros, extended contrast with HDR technology, and multiple exposures Tackling subject matter both in the field and in the studio Working creatively with ambient and artificial light Countless hands-on shooting tips Post-processing your macro images The book also offers insights about macro photo composition, discussing light, color, camera position, and focus. With more than 600 images and figures illustrating the various ways readers can document the world of the infinitesimal, this book is not only a technical guide, but also a source of inspiration giving readers ideas to run with and make their own. Finally, the book also includes do-it-yourself projects, offering solutions both for everyday shooting as well as for dealing with specific situations unique to macro photography.

Macro photography has been surging in popularity, especially online with social media and internet marketplaces. No matter what your area of interest is, you'll find techniques in this book to create strong macro images in it. Readers will learn how to creatively solve common, specific close-up and macro photography problems in a wide range of areas. But while lighting, lenses, equipment and techniques are discussed in detail for each image, so is the creative process. Why compose it in this way? Why is this angle better than another? Why would you want everything in focus for one photo, but only a small area for another? Readers will be given guidance so they can answer these questions for their own photography.

**Macro Photography**

**John Shaw's Closeups in Nature**

**Its Art and Fieldcraft Techniques**

**Digital Macro Photography**

**The Complete Guide to Close-up and Macro Photography**

**The Universe at Our Feet**

Presents a guide to shooting close-up and macro photographs, covering such topics as sharpness, composition, lighting, and focal lengths.

Make great photos of flowers, gardens, landscapes and the beautiful world around us

Gardens are everywhere, all around us. In this long-awaited guide to garden photography, noted botanical photographer and author Harold Davis tackles the subject of garden photography with an expansive brush. In this book, you'll find techniques for photographing extreme macro

subjects while becoming a better landscape photographer. From tiny flowers to vast landscapes, your photography can be enhanced using the techniques you will discover in [Creative Garden Photography](#) .

What is a garden? The topic of garden photography encompasses a huge range of photographic styles and techniques that can be applied to almost any kind of photography. Learn to use this toolset from one of the acknowledged modern masters of photography.

- Explore gardens, types of gardens, and how best to photograph them
- Create stunning floral macros and high-key imagery
- Learn techniques for adding impressionism to your photos
- Use light and creative exposures to enhance your imagery
- Master close-up focusing, depth-of-field, and focus stacking
- Create your own custom field studio “in a bucket”
- Complete exposure data and the story behind every photo

“My goal as a photography teacher and writer about photography is to inspire and to help you become the best and most creative photographer and image-maker that you can be.”

—Harold Davis

“Harold Davis’s ethereal floral arrangements have a purity and translucence that borders on the spiritual.”

—Popular Photo Magazine

“Davis is a pioneer and a new art form—part photographer, part digital illusionist.”

—Rangefinder Magazine

“Harold Davis’s Creative Photography series is a great way to start a photography library.”

—PhotoFidelity

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Special techniques for creating unique, artistic, close-up images Macro, or close-up, photography is gaining popularity, and this book covers all of the challenges associated with taking great close-ups: depth of field, focus, and exposure. Copublished with Photoworkshop.com, a leading online educational resource for both beginning and professional photographers, this task-oriented reference allows readers to learn by doing and offers outstanding examples and instructions.

Due to its popularity, Digital Macro Photography is now available in paperback and contains fantastic images taken by the multi-award-winning macro photographer Ross Hoddinott, who showcases his particular talent for the world of macro photography with an impressive collection of close-up images. Written in an easy-to-understand style for those new to both digital and macro photography, it covers everything from equipment, techniques and subjects and showcases Hoddinotts skill in discovering the hidden symmetries of plants, insects that look like aliens and the normally invisible workings of a machine blown-up to huge proportions.

Understanding Close-Up Photography

Digital Macro and Close-Up Photography For Dummies

An Introduction To Macro And Close-Up Photography

Creative Garden Photography

Focus on Close-up and Macro Photography

Fundamentals of Forensic Photography

Capture stunning macro floral images with this gorgeous guide by acclaimed photographer Harold Davis. You'll learn about different types of flowers, macro equipment basics, and the intricacies of shooting different floral varieties in the field and in the studio. Harold also shows you techniques in the Photoshop darkroom that can be applied to flower photography to help you get the most out of your images. Beautiful and authoritative, this guide to photographing flowers is a must-read for every photographer interested in flower photography. Photographing Flowers will also win a place in the hearts of those who simply love striking floral imagery.

The Complete Guide to Macro and Close-Up Photography

Gardeners and nature lovers delight in taking pictures—especially close-ups of flowers, butterflies, and insects. And though advances in digital camera technology have made taking, storing, and sharing photos easier than ever, taking top-quality pictures requires familiarity with both digital technology and the general principles of photography. Macro Photography for Gardeners and Nature Lovers provides exactly the information that aspiring photographers—no matter their level of skill—need to take their photos to the next level. Clear and concise chapters cover the basics of macro (close-up) photography, explain the features of current digital single-lens reflex cameras, show the many ways images can be composed, and share tips on digital effects, storage, and manipulation of imagery. Throughout the text, helpful

tips, definitions, exercises, and case studies serve to demystify digital photography. Each lesson is supported by examples of the author's stunning photography. Whether taking photos of flowers and insects, compiling a photographic record of your garden, or simply sharing beautiful images with friends and family, everyone can become accomplished photographers of the world's small-scale wonders.

Nature reveals her unseen beauty in an up-close-and-personal fashion in the photographs of Paul Harcourt Davies and Peter Parks. Zooming in on the "faces" of dragonflies and hornets, unearthing the intricate patterns of fungi and mosses, and even capturing the active beauty of plankton, Nature Photography Close Up presents a "think small" approach to natural subjects. Containing dozens of full-color photographs, each accompanied by a succinct and insightful essay, this gorgeous book doubles as a showcase and an instructional guide. Any photographers with an interest in macro nature photography will enjoy this new way of looking at the unseen wonders around them.

Creative Close Encounters With Or Without a Macro Lens

The Art of Macro Photography

Close-Up and Macro Photography

Jack K. Clark

Exploring Macro Worlds with Harold Davis

*Do you wish you had the most essential information you need to shoot compelling close-up photos using your digital camera's advanced capabilities? DAVID BUSCH'S CLOSE-UP AND MACRO PHOTOGRAPHY COMPACT FIELD GUIDE is your solution. This new, lay-flat, spiral-bound, reference guide condenses all the must-have information you need for shooting close-up and macro photos into a portable book you'll want to permanently tuck into your camera bag. This guide gives you the guidance and techniques you'll need to achieve beautiful results when working up close with your subjects--flowers, insects, jewelry, you name it. From quick setup advice to tips on lighting, lenses, and more, DAVID BUSCH'S CLOSE-UP AND MACRO PHOTOGRAPHY COMPACT FIELD GUIDE will help you get great close-up results every time.*

*This is a comprehensive guide to the equipment, techniques and art of close-up and macro nature photography. With each illustration there are notes in which the photographers share their thoughts and ideas with the reader.*

*An essential guide to a fascinating technique, beginning with an explanation of the difference between close-up and macro work Aimed at the novice or more experienced amateur, the book describes the equipment for capturing true macro images, the "macro" mode on standard DSLRs, and the use of zoom lenses, wide-angle lenses, and dedicated macro lenses, among others. The theory of exposure and metering, light, color, and flash is explained and there's practical advice on composition and focusing. Project ideas include success with flower photography, capturing the textures of materials such as bark and lichen, abstracts from everyday objects, photographing insects, and studio work with food and jewelry. Information on post processing explains file formats, raw conversion software, adjustments to contrast, brightness and shadows, understanding levels and curves, white balance, and saturation, with helpful tips on removing imperfections, cropping for impact, and printing.*

*In Fundamentals of Forensic Photography, Keith Mancini and John Sidoriak offer practical techniques for common situations encountered in forensic documentation. Topics include equipment selection, lighting techniques, crime scene and evidence documentation, macro and micro photography as well as aerial, high speed and computational photography. Techniques for photographic documentation in both the laboratory and the field are discussed.*

*Nature Photography Close Up*

*Macro Photography Photo Workshop*

*Photographing Flowers*

*Close-up & Macro Photography*

*Close-up and Macro Photography*

*Closeup Shooting*

*Master macro techniques and capture brilliant up-close photos Macro photography uses specialty lenses and advanced digital cameras to capture stunning up-close images. This book helps you understand the nuances of macro techniques so you can take unique and remarkable close-up digital photos. Equipment recommendations, helpful tips, and coverage of specialized elements that are exclusive to macro photography all aim to make you more savvy and comfortable with macro and close-up techniques. In addition, the easy-to-follow steps and suggested exercises go a long way to make you more familiar with your camera's capabilities so that you can take fantastic photos. Introduces the techniques of macro photography and explores how to capture stunning close-up digital photos Reviews using macro lenses, extension tubes, reversing rings, and other camera equipment and accessories Shares tips for exposure and lighting techniques in the macro format Addresses depth of field, working distance, and framing when shooting Covers where to find subjects to shoot and setting up your macro studio With full-color examples and technique comparisons, this fun and friendly book presents step-by-step guidance for taking your close-up photography skills to the next level.*

*Enhanced with more than two hundred color illustrations and composition, equipment, and light information, this instructional guide provides helpful techniques, tips, and secrets for making up-close photographs powerful pieces of unique art.*

*Close-up or macro photography is just as much technique as it is luck. That's what makes it fun and unpredictable. It's an excellent way to test your skills when faced with a narrow window of opportunity while still leaving room for you to explore your creativity. For tips on how you can improve your macro photography, keep reading. You might pick up something new! In this book you will:*

*- Explore the world of close-up photography - Learn macro photography techniques - Learn stacking, and how to extend images with stacked sets - Create impressionistic images of flowers - Use aperture creatively in your close-ups - Make your own still life studio - Creatively light macro photos*

*In this exhaustive guide to macro photography, respected author and Photographer Adrian Davies takes a comprehensive approach to the subject, covering every aspect of the multi-faceted and often complicated world of close-up Photography. Everything about Adrian's approach is both practical and diverse, with optimal output always in mind. His coverage of equipment, for example, goes*

beyond cameras to cover the application of flatbed and film scanners for close-up shots (2D, 3D, reflective and translucent subjects). Separate sections cover cameras and equipment, lenses, lighting, workflow and image processing. Additionally, a separate section on 'special subjects' covers techniques for shooting both common macro subjects (including insects, fossils and coins), as well as a range of technical elements such as shiny surfaces, texture, and polarised light. The appendix includes a technical discussion on depth of field, including detailed tables, and a range of optical formulae. Clear, concise and comprehensive, and packed with stunning images, this is a must-have purchase for all photographers looking for professional quality macro results.

Shoot Macro

Close Up and Macro Photography

Macro-Photography

Art and Techniques

Aspects Of Close-Up Photography

Close-Up Photography Made Easy

**Close-up and macro photography is one of the most popular types of photography among digital photographers today. After the big-range zoom, a macro lens is typically one of the next purchases considered by serious outdoor photographers and amateur photographers looking for close-up capability in all zoom lenses. Yet hobbyist photographers struggle. Many macro shots just don't make it-not sharp, confusing backgrounds, muddled compositions, misplaced sharpness, and distracting light. Even more advanced photographers find challenges working with depth of field, dealing with light, and using different focal lengths up close. You need a book that goes beyond the camera manuals to teach you how to select and use various lenses to take great macro shots. This guide by pro photographer Rob Sheppard will help you conquer the fundamentals and capture stunning pictures. Sheppard starts with the basics. He discusses factors such as depth of field, perspective, and compression and which types of lenses are right for your style of shooting. You will have a better understanding of your equipment and understand your choices for investing in lenses. Beautifully illustrated with large, compelling photos, this book teaches you how to take control of your photography to get the image you want every time you pick up the camera.**

**This practical book explains what is meant by macro photography and how to get even closer to your subject: not just a close-up of a butterfly, but details of the eye and wing scales. The techniques described explore ways to photograph virtually any creature, whether terrestrial, marine or from freshwater. All the key elements to achieve extreme close-ups are built in a clear way, for both outdoor and studio use, and special attention is given to focus stacking, with both software and further enhancements covered. Topics covered include an explanation of the equipment and techniques needed to gain extreme close-ups; advice on different lighting and support equipment, including the practicalities of tanks and aquatic organisms; suggestions on how to achieve sharpness, detail and ultimate depth of field; and coverage of all aspects of focus stacking with ideas for improvement. Step-by-step examples cover a wide range of wildlife. Superbly illustrated with 219 colour photographs.**

**Go beyond the familiar--into the hidden world of pattern, texture, and detail that only comes into focus when you go close-up. Every breathtaking color photograph of such glories of the natural world as shimmering ice crystals, the rough flesh of a baby Chinese Water Dragon, and the translucent, colorful wings of a monarch butterfly will inspire you to try some new techniques. All the up-to-the minute information on close-up technology and style is here. Learn about all the tools of the trade, from camera to film to the all-important lenses; exposures; lighting; the range of subjects to choose from (even familiar household items!); and eye-grabbing compositions. You'll want to pick up your camera and start shooting immediately! 160 pages (all in color), 8 1/4 x 11.**

**Small Things Big**

**Creative Close-Ups**

**The Complete Guide to Macro and Close-Up Photography**

**A Guide to Closeup, Tabletop, and Macro Photography**

**Extreme Close-Up Photography and Focus Stacking**

**David Busch's Close-Up and Macro Photography**