

Jaunieguvumu apskats: Tehnoloģiju & dabaszinātņu izdevumi svešvalodās

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Priekšvārds

Jaunieguvumu apskata maija numurā līdzās izdevumiem, kuros iztirzātas specifiskas tēmas, vairāki temati apskatīti plaši un visaptveroši. Zemāk sniegts ieskats dažos no tiem.

Daba veidojusi pasauli krāšņi. Tās ainavas krāšņumu papildina arī ūdenstilpes un tuksneši. Atlantā *The World Atlas of Rivers, Estuaries, and Deltas* izsekots, kā upes, estuāri un deltas darbojas katrā to plūsmas posmā. Savukārt par tuksnešiem un sausajiem apvidiem, kurus raksturo ūdens trūkums un ekstremālas temperatūras, lasiet bagātīgi ilustrētajā atlantā *The World Atlas of Deserts and Drylands*.

Pasaules iespaidīgākos botāniskos dārzus atklājat izdevumā *The Botanic Garden: The World's Greatest Botanical Sanctuaries*. 40 izcilu dārziņu dzīves gājumu apraksti, aptverot 500 gadu periodu un dažādas pasaules vietas, apkopoti grāmatā *Lives of the Great Gardeners*.

Rožu audzētājus un mīļotājus iedvesmos divi rozēm veltīti izdevumi. Par pasaules slavu guvušā angļu selekcionāra Deivida Ostina (David Austin, 1926–2018) selekcionētajām un audzētajām rozēm lasiet izdevumā *David Austin's English Roses*. Savukārt grāmatā *Garden Roses: The Complete Guide to Growing & Arranging Spectacular Blooms* sniegti padomi par rožu audzēšanu, griešanu un kārtošanu. Ar tiem dalījusies grāmatas autore, pieredzējusi rožu audzētāja un Grace Rose Farm (Dienvidkalifornija) dibinātāja Gracielinda Poulsona (Gracielinda Poulson).

Vācu valodā iznākušajā izdevumā *Der Käse-Atlas: Das Standardwerk: Geschichte & Produktion, Sorten & Herkunftsregionen, Aromen & Verkostung* kodolīgu informāciju par vairāk nekā 400 sieriem gūs to cienītāji. Nereti pie sieriem kā papildinājums tiek pasniegts baltvīns. Visaptverošus baltvīnu aprakstus, kā arī ieteikumus par dažādu sieru un citu ēdienu saderību ar šiem vīniem, meklējiet grāmatā *White Wine: The Comprehensive Guide to the 50 Essential Varieties & Styles*.

Apskatā iekļautajiem izdevumiem pievienotas izdevēju sniegtās anotācijas oriģinālvalodā, bet to pilnus tekstus aicinām lasīt Latvijas Nacionālās bibliotēkas Tehnoloģiju un dabaszinātņu lasītavā.

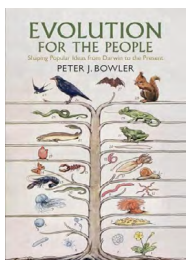
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Bowler, P.J. (2024). *Evolution for the People : Shaping Popular Ideas from Darwin to the Present.* Cambridge University Press. ISBN 9781009448994

From Darwin's *The Origin of Species* to the twenty-first century, Peter Bowler reinterprets the long Darwinian Revolution by refocusing our attention on the British and American public. By applying recent historical interest in popular science to evolutionary ideas, he investigates how writers and broadcasters have presented both Darwinism and its discontents. Casting new light on how the theory's more radical aspects gradually grew in the public imagination, *Evolution for the People* extends existing studies of the popularization of evolutionism to give a more comprehensive picture of how attitudes have changed through time. In tracing changes in public perception, Bowler explores both the cultural impact and the cultural exploitation of these ideas in science, religion, social thought and literature.

TD575.8/Bo954



Smith, W. (2022). *Pandora's Toolbox : The Hopes and Hazards of Climate Intervention.* Cambridge University Press. ISBN 9781316518434

Reaching net zero emissions will not be the end of the climate struggle, but only the end of the beginning. For centuries thereafter, temperatures will remain elevated; climate damages will continue to accrue; and sea levels will continue to rise. Even the urgent and utterly essential task of reaching net zero cannot be achieved rapidly by emissions reductions alone. To hasten net zero and minimize climate damages thereafter, we will also need massive carbon removal and storage. We may even need to reduce incoming solar radiation in order to lower unacceptably high temperatures. Such unproven and potentially risky climate interventions raise mind-blowing questions of governance and ethics. *Pandora's Toolbox* offers readers an accessible and authoritative introduction to both the hopes and hazards of some of humanity's most controversial technologies, which may nevertheless provide the key to saving our world.

TD551.588/Sm580

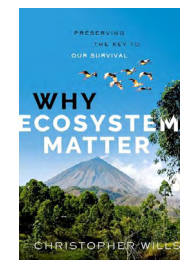


Summerhayes, C. (2023). *The Icy Planet : Saving Earth's Refrigerator.* Oxford University Press. ISBN 9780197627983

Earth's icy areas remain out of sight and out of mind for most people, but a key message of this book is that the planet's icy surfaces act as the world's refrigerator, keeping the climate suitable for our civilization. Shrinking the white sources that reflect solar energy back into space will destroy our refrigerator, warming the climate further, while melting ice raises sea levels.

The Icy Planet: Saving Earth's Refrigerator explores carbon dioxide's role as the control knob of our climate over the past 1000 million years, and what is happening to ice, snow, and permafrost in Antarctica, the Arctic, and the high mountains. Colin Summerhayes brings together pieces of the climate story from different scientific disciplines, and from the past and the present, to show how Earth's climate system works. By knowing what effect greenhouse gases had on Earth's icy cover in the past, we can figure out what effect they will have on it if they increase in the future. We will need to retain as much as possible of Earth's refrigerator to keep our climate moderate, and our sea levels from rising too far. *The Icy Planet* brings forth the important discussion of what we still need to know, and what we must do to maintain that refrigerator, or we will suffer the consequences – excess warming and sea level rise.

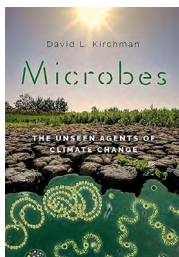
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Wills, C. (2024). *Why Ecosystems Matter : Preserving the Key to Our Survival.* Oxford University Press. ISBN 9780192887573

Christopher Wills's claim has its roots in an insight from Charles Darwin: the interactions between species in an ecosystem are a powerful driver of evolution. In this book, Wills describes how, by using the latest genetic techniques, we are probing ecosystems and discovering that even the most apparently barren of them are rich in variety, especially of microbes. Exploring the many ways in which ecosystems have coped with past change, and how rapidly an ecosystem can develop complexity, Wills illuminates a pathway of hope for the natural world that we have so damaged and depleted. Our new genetic knowledge can help these evolutionary cauldrons to continue brewing richness and diversity, the better to heal our living world and to enable our own survival.

TD574/Wi520



Kirchman, D.L. (2024). *Microbes: The Unseen Agents of Climate Change*. Oxford University Press. ISBN 9780197688564

For billions of years, microbes have produced and consumed greenhouse gases that regulate global temperature and in turn other aspects of our climate. The balance of these gases maintains Earth's habitability. Methane, a greenhouse gas produced only by microbes, may have kept Earth out of a deep freeze billions of years ago. Likewise, variations in carbon dioxide, another greenhouse gas released by microbes and other organisms, help to explain the comings and goings of ice ages over the last million years.

Now we face a human-made climate crisis with drastic consequences. The complete story behind greenhouse gases, however, involves microbes and their role in natural ecosystems. Microscopic organisms are also part of the solution, producing biofuels and other forms of green energy which keep fossil fuels in the ground. Other microbes can be harnessed to reduce the release of methane and nitrous oxide from agriculture, and geoengineering solutions that depend on microbes could pull carbon dioxide out of the atmosphere.

In this book, David L. Kirchman introduces a unique and timely contribution to the climate change conversation and the part microbes play in our past, present, and future. He takes readers into the unseen world behind the most important environmental problem facing society

today and encourages us to embrace microbial solutions that are essential to mitigating climate change.

TD579/Ki543



Von Hardenberg, W.G. (2024). *Sea Level: A History*. The University of Chicago Press. ISBN 9780226831831

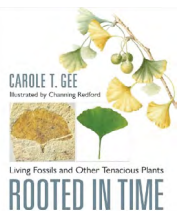
News reports warn of rising sea levels spurred by climate change. Waters inch ever higher, disrupting delicate ecosystems and threatening island and coastal communities. The baseline for these measurements – sea level – may seem unremarkable, a long-familiar zero point for altitude. But as Wilko Graf von Hardenberg reveals, the history of defining and measuring sea level is intertwined with national ambitions, commercial concerns, and shifting relationships between people and the ocean.

Sea Level provides a detailed and innovative account of how mean sea level was first defined, how it became the prime reference point for surveying and cartography, and how it emerged as a powerful mark of humanity's impact on the earth. With Hardenberg as our guide, we traverse the muddy spaces of Venice and Amsterdam, the coasts of the Baltic Sea, the Panama and Suez canals, and the Himalayan foothills. Born out of Enlightenment studies of physics and quantification, sea level became key to state-sponsored public works, colonial expansion, Cold War development of satellite technologies, and recognizing the climate crisis. Mean sea level, Hardenberg reveals, is not a natural occurrence – it has always been contingent, the product of people, places, politics, and evolving technologies. As global warming transforms the globe,

Hardenberg reminds us that a holistic understanding of the ocean and its changes requires a multiplicity of reference points.

A fascinating story that revises our assumptions about land and ocean alike, *Sea Level* calls for a more nuanced understanding of this baseline, one that allows for new methods and interpretations as we navigate an era of unstable seas.

TD551.46/Ha516



Gee, C.T. (2024). *Rooted in Time: Living Fossils and Other Tenacious Plants*. Johns Hopkins University Press. ISBN 9781421449388

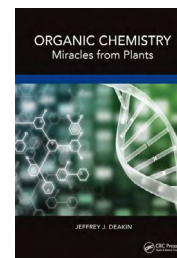
Plants are tenacious organisms. Their green ancestors were among the earliest living beings on Earth, while clubmosses and ferns that arose 400 million years ago still thrive in the moist understory of temperate and tropical forests. Plants like these are considered “living fossils.” Some of them have remained unchanged for hundreds of millions of years, and some are the sole survivors of their once-diverse lineage. In *Rooted in Time*, paleobotanist Carole T. Gee shares the stories of remarkable plants that first appeared eons ago, yet still green the planet today.

This journey through the plant kingdom spans 3,500 million years of evolution, from the first photosynthesizing organisms to the ancient cousins of the evergreen wreaths that decorate our own front doors. *Rooted in Time* highlights eighteen astonishingly long-lived plants, exploring their botanical significance, cultural importance, natural history, and ethnobotanical usefulness. Between these fascinating vignettes, Gee explains how plants met the challenges of growing in new habitats and ecological niches by conquering life on land, evolving seeds and cones, and inventing flowers.

Rooted in Time pulls together facts from cutting-edge paleontological research and botanical science to offer engaging narratives on unique plants that grace our world with

their quiet dignity and extraordinary longevity. Lavishly illustrated with more than a hundred color photos and exquisite watercolor portraits, this book will appeal to plant lovers at all levels – from avid gardeners and botanical garden enthusiasts to college students and plant science professionals.

TD58/Ge100



Deakin, J.J. (2024). *Organic Chemistry: Miracles from Plants*. CRC Press. ISBN 9781032664903

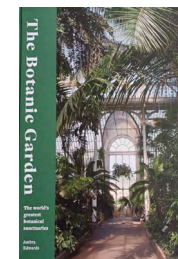
Human benefit from the organic chemistry of plants is incalculable in terms of health, food, comfort and security. Indeed, the future well-being of humanity rests in significant measure upon a responsible relationship with the plant kingdom in order to re-establish natural environmental balance in the Earth's atmosphere and oceans.

Organic Chemistry: Miracles from Plants presents many fascinating points of entry to the organic chemistry of a wide range of crucially-important, naturally-occurring, chemical substances which are derived from plants.

Contemporary and relevant context offers stimulating support for learning in organic chemistry. Understanding of key concepts in organic chemistry, the properties of functional groups and the behavior of chemical building blocks, is reinforced. Searching exercises for students are posed at the end of every one of the numerous chapters in the book which are amply illustrated.

In a single source, this volume provides knowledge, challenge and valuable learning opportunities suitable for a wide range of individuals involved in the fields of chemistry, medicine, nutrition and environmental and biological sciences, whether they be students or educators or those who simply wish to extend their horizons.

TD581.6/De013



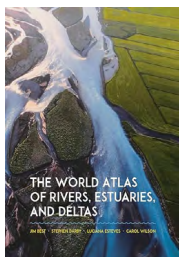
Edwards, A. (2024). *The Botanic Garden: The World's Greatest Botanical Sanctuaries*. Frances Lincoln. ISBN 9780711282261

Experience the richness and variety of the world's most spectacular botanic gardens, united in their mission to safeguard biodiversity and remind us all of the beauty and wonder of plants.

Discover the histories of these astonishing places, with their precious collections of the most rare and endangered life forms; explore fragile and unfamiliar landscapes from scorching deserts to Arctic snows; marvel at spectacular horticultural displays, and learn about the ground-breaking science today's botanists are employing in their bid to secure the future of the planet.

The global environment has changed more rapidly in our lifetimes than at any previous period in human history, and no fewer than two in every five of the world's plants are now threatened with extinction. The gardens in this book are at the vanguard of the effort to protect the plants on which all life depends.

TD58/Ed930



Best, J., Darby, S., Esteves, L., & Wilson, C. (2024). *The World Atlas of Rivers, Estuaries, and Deltas*. Princeton University Press. ISBN 9780691244839

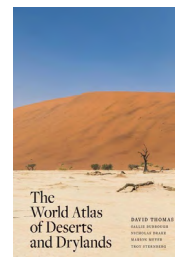
From the Congo and the Mekong to the Seine and the Mississippi, Earth's rivers carve through landscapes before coursing into the world's oceans through estuaries and deltas. Their inexorable flow carries sediment and more, acting as lifeblood for a variety of ecosystems and communities. More than any other surface feature of Earth, rivers, estuaries, and deltas are vitally important to our economic and social well-being, and our management of them often sits at the sharp edge of today's most pressing environmental challenges. *The World Atlas of Rivers, Estuaries, and Deltas* takes readers on an unforgettable tour of these dynamic bodies of water, explaining how they function at each stage of their flow. Combining maps and graphics with informative essays and beautiful photos, this invaluable reference book will give you a new appreciation for the power that rivers, estuaries, and deltas wield.

- Features a wealth of color photos, maps, and infographics;
- Brings together invaluable perspectives from leading experts;
- Describes the rich biodiversity associated with the world's rivers, estuaries, and deltas;
- Explains how rivers, estuaries, and deltas work, from river networks to deltaic floodplains, and sheds light on the erosion, movement, and

deposition of sediment;

- Describes the anatomy of rivers, estuaries, and deltas, from channel geometry and river planforms to estuarine shape and delta morphology;
- Examines the ecology and ecosystems of rivers, estuaries, and deltas and how humans interact with these environments;
- Additional topics include damming, climate change, water use, pollution, resource management, and planetary health, as well as future perspectives on these vital landscapes.

TD556/Wo733



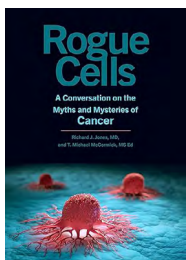
Thomas, D., Burrough, S., Drake, N., Meyer, M., & Sternberg, T. (2024). *The World Atlas of Deserts and Drylands*. Princeton University Press. ISBN 9780691251974

Deserts and drylands account for more than 40 percent of land on our planet. Characterized by a lack of water and extreme temperatures, they are the result of atmospheric stability, large landmass characteristics, rain shadows, and cold ocean currents. They appear harsh and hostile, but deserts and drylands are also exceptionally beautiful environments. Desert ecosystems often teem with diverse forms of life that exhibit astonishing ingenuity in the face of such forbidding conditions. *The World Atlas of Deserts and Drylands* takes readers on a guided tour of some of the most awe-inspiring desert environments on Earth, explaining their environmental and ecological dynamics and describing the techniques used to categorize and map them. From the ever-expanding Gobi of Mongolia and China to the ancient Namib of coastal Africa, this is the ultimate reference book for deserts.

- Features a wealth of color photos, maps, and infographics;
- Describes the resilient and complex biodiversity of the world's desert and dryland terrains;
- Covers subtropical deserts, continental deserts, rain shadow deserts, and ocean margin deserts;
- Addresses the challenges posed by global warming and human activity, and discusses

solutions and opportunities;

- Written by a team of leading experts.
- TD574.9/Th582**



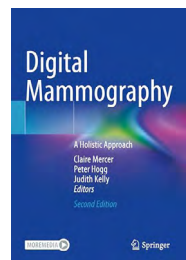
Jones, R.J., & McCormick, T.M. (2024). *Rogue Cells : A Conversation on the Myths and Mysteries of Cancer*. Johns Hopkins University Press. ISBN 9781421448282

Rogue Cells is the essential guide to navigating cancer diagnosis and treatment. Coauthored by Dr. Richard J. Jones, an internationally renowned cancer physician and researcher, and T. Michael McCormick, this guide provides the important information that patients and physicians need to approach cancer with more hope and less worry and fear.

With an engaging blend of science and humor, Jones and McCormick discuss everything from the causes of cancer to preventative measures and treatment options. Their goal is to educate and reassure readers by translating the science into everyday conversational language covering the biology of cancer, the state of current research, prospects for treatment, and different ways to approach a diagnosis.

For anyone who wants to understand the mechanisms of cancer and how best to make informed decisions about diagnosis and treatment, this work offers a guide to the cancer journey, and how best to navigate it.

TD616-006/Jo510



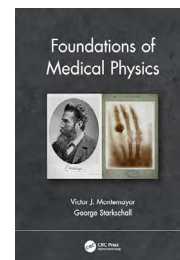
Mercer, C., Hogg, P., & Kelly, J. (Eds.). (2022). *Digital Mammography : A Holistic Approach* (2nd ed.). Springer. ISBN 9783031109003

This heavily revised second edition is a practically focused textbook focusing on how to successfully utilise mammography-related techniques. It covers a wide range of topics related to holistic mammographic imaging reflecting the emerging digital and artificial imaging technology. Furthermore, new chapters provide clear practical focused guidance on how to provide psychological and emotional support to both clients and colleagues, and the support of persons with dementia.

Digital Mammography: A Holistic Approach is a concise textbook covering the latest techniques that can be applied in this field. Therefore, it is of significant interest to radiographers, technicians, technologists, physicists, and nurses seeking to improve their understanding of these techniques.

Additional questions via app: Download the Springer Nature Flashcards app for free and use exclusive additional material to test your knowledge.

TD618/Di417



Montemayor, V.J., & Starkschall, G. (2024). *Foundations of Medical Physics*. CRC Press. ISBN 9780429194764

Covering topics in Radiobiology, Modern Physics, Medical Imaging and Radiation Therapy, *Foundations of Medical Physics* serves as an introduction to the field of Medical Physics, or Radiation Oncology Physics.

An overview of the history of cancer and cancer treatment along with a brief introduction to the fundamental principles of Radiobiology constitute Part I of this book, which serves as the motivation for the principles of Radiation Therapy, or cancer treatment with radiation. Part II contains the fundamental ideas from Modern Physics that form the foundation for an understanding of the approaches to treatment used in Radiation Therapy. Finally, Part III shows the applications of Parts I and II to Medical Imaging and Radiation Therapy.

This unusual introduction to Medical Physics is aimed at undergraduate physics majors along with other science majors who have taken at least one year of Physics and one year of calculus, although Medical Physics graduate students and radiation oncology residents may find this different approach to the subject illuminating. This text assumes that the instructor is a physicist who does not necessarily have a background in Medical Physics.

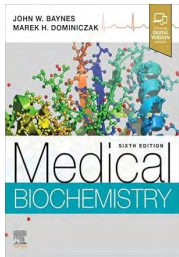
TD616-7/Mo430



Rodger, D., Henshaw, K., Rawling, P., & Miller, S. (Eds.). (2022). *Fundamentals of Operating Department Practice* (2nd ed.). Cambridge University Press. ISBN 9781108819800

A thoroughly revised second edition providing the knowledge and evidence-base needed for the perioperative practitioner, clarifying the underlying principles needed for an understanding of anaesthetic, surgical, and recovery practice. This book defines the level of knowledge required for perioperative practitioners and provides a comprehensive reference to the principles and practice of modern operating department practice. Featuring a diverse range of topics, it offers a multidisciplinary overview of new techniques and technologies, changes in medico-legal requirements, changes to professional accountability, and requirements for continuous professional development. Twelve new chapters cover healthcare ethics and professional regulation, health and safety, infection prevention and control, basic patient monitoring, human factors, and perioperative care of the paediatric patient. Incorporating a new focus on the provision of evidence-based practice and holistic care in all areas of perioperative care, this invaluable book is essential reading for anyone working in this sector, in both education and practice.

TD616-7/Fu510



Baynes, J.W., & Dominiczak, M.H. (2023). *Medical Biochemistry* (6th ed.). Elsevier. ISBN 9780323834506

Written by carefully selected global experts, practicing physicians and educators in the various sub-disciplines of biochemistry, *Medical Biochemistry, Sixth Edition*, offers a unique combination of research and clinical practice tailored to today's integrated courses. Focusing on the most clinically relevant topics, this outstanding resource provides a strong overview of traditional areas in medical biochemistry, along with state-of-the-art coverage of today's latest developments. You'll learn essential basic science concepts alongside clinical cases that describe scenarios likely to be encountered in training and practice, as well as how to use laboratory tests to diagnose and monitor the most important conditions. Thorough yet accessible, this clinically focused text is invaluable throughout medical school and beyond.

- Features a strong clinical orientation, emphasizing and exemplifying the relevance of biochemistry to the daily practice of medicine;
- Highlights the latest developments in regulatory and molecular biology, signal transduction, age-related chronic disease, epigenetics, bioinformatics and the “-omics,” as well as important global medical issues such as diabetes mellitus, obesity and malnutrition, cancer, atherosclerotic cardiovascular disease, nutrition, and exercise;

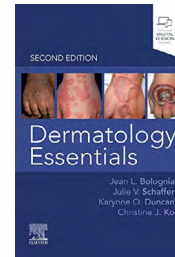
- Emphasizes clinical evaluation, maintenance of good health, and disease prevention, as well as translational medicine and the diagnosis and treatment of disease;

- Contains organ-focused chapters addressing the biochemistry of the bone, kidney, liver, lungs, and muscle; and system-focused chapters on the biochemistry of the immune and endocrine systems, neurochemistry and neurotransmission, and cancer;

- Includes clear, colorful icons and illustrations that help you easily navigate the text and understand the material;

- Provides bonus online features, including multiple-choice and USMLE-style questions, a quick-reference glossary, additional images and case studies, references to key literature and websites, and more.

TD612.015/Ba963



Bolognia, J.L., Schaffer, J.V., Duncan, K.O., & Ko, C.J. (Eds.). (2022). *Dermatology Essentials* (2nd ed.). Elsevier. ISBN 9780323624534

Edited by authorities Drs. Jean L. Bolognia, Julie V. Schaffer, Karynne O. Duncan, and Christine J. Ko, *Dermatology Essentials, Second Edition*, provides the fast answers you need on important aspects of dermatology as well as guidance on their application in your day-to-day practice. Derived from the renowned authoritative reference work *Dermatology, Fourth Edition*, this on-the-go reference distills the essential information needed to quickly diagnose and manage a wide range of dermatologic disorders – without the need for any additional resources. It's an ideal reference for family medicine and emergency medicine physicians, internists, pediatricians, nurse practitioners, physician assistants, medical students, and other health care professionals who diagnose, treat, and refer patients with dermatologic disorders.

- Features a highly user-friendly, “easy-in-easy-out” format and a wealth of tables and schematics for instant visual comprehension;

- Helps you visualize more of the conditions you see in practice with over 1,800 typical clinical images, illustrations, and line drawings;

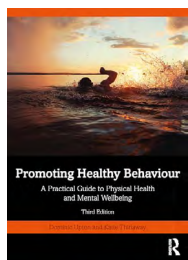
- Includes numerous practical tables, intuitive artworks, and logical algorithms to help you avoid diagnostic pitfalls;

- Expedites decision making with easily recognizable DDx and Rx sections that provide

rapid, direct reference to current guidance and treatment recommendations. An Appendix lists dosages of systemic drugs and downloadable worksheets are also available;

- Features unique introductory chapters that cover the basic principles of dermatology, bedside diagnostics, and clinical approach to a fever and rash – extremely helpful information for the beginner.

TD616.5/De675



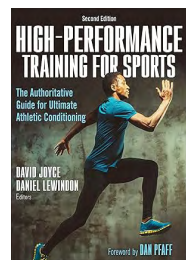
Upton, D., & Thirlaway, K. (2024). *Promoting Healthy Behaviour : A Practical Guide to Physical Health and Mental Wellbeing* (3rd ed.). Routledge. ISBN 9781032137346

The new edition of this leading text is an essential guide to promoting healthy behaviour in a multi-cultural society, providing a holistic stance that integrates both physical and mental health and wellbeing.

With a comprehensive overview of the interplay between social class, gender, ethnicity and individual health differences, the book also looks at key lifestyle issues such as eating well, smoking, drinking alcohol and safe sex, as well as the mechanisms for behavioural change. Each chapter features engaging case studies, points for discussion and student activities. Updated since the COVID-19 pandemic, the new edition also discusses the effects of lockdowns on health behaviours.

An accessible and engaging text, the third edition of *Promoting Healthy Behaviour* will continue to be essential reading for both students and practitioners across nursing, public health and allied health professions.

TD613/Up700



Joyce, D., & Lewindon, D. (Eds.). (2022). *High-Performance Training for Sports* (2nd ed.). Human Kinetics. ISBN 9781492592907

High-Performance Training for Sports changed the landscape of athletic conditioning and sport performance when first published in 2014. Now the second edition builds on that groundbreaking work with the latest and most effective philosophies, protocols and programmes for developing today's athletes.

High-Performance Training for Sports, Second Edition, features contributions from global leaders in athletic performance training, coaching and rehabilitation. This all-star team shares the cutting-edge knowledge and techniques they've used with Olympians, elite athletes and teams from professional sport leagues around the world to help you accomplish three critical goals for your athletes:

- Establish and develop resilience;
- Cultivate athletic capabilities;
- Enhance and sustain performance.

Whether you are seeking to maximize the readiness of high-performance athletes for a season or are assisting athletes who are returning to play after injury, this definitive guide provides the best advice and practices. *High-Performance Training for Sports* is an essential resource for those who wish to excel as a strength and conditioning coach, trainer, rehabilitator or athlete.

TD796.015/Hi162



Benson, J., & Benson, S. (2024). *Smart Running : The Ultimate Guide to Becoming a Fitter, Stronger, More Confident Runner*. Vertebrate Publishing. ISBN 9781839810473

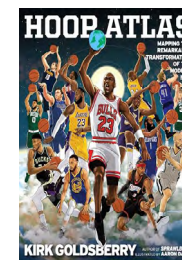
Have you ever wondered about the secret to becoming a better runner? Has your training plateaued and you don't know why? Do you keep getting injured or are you struggling to get back into running after some time out? Have you done a few shorter races but want to progress up to a marathon?

Smart Running by Jen and Sim Benson will cut through the jargon and answer all your running questions, helping you to become a fitter, faster and stronger runner.

Authors delve into the science of physiology, psychology, training and nutrition before carefully and clearly explaining how to build yourself a bespoke and customisable training plan – one that moulds around your life and will help you smash your running goals. Thorough workout descriptions are included, so you'll be confident in your training and get the results you're after.

The science behind recovery, hydration, and strength and conditioning work is explained, along with how to choose the best and most sustainable kit for your adventures. Tips for race-day nerves, psychological skills to help your running, how to prevent and deal with injuries, running in the heat and cold, and finding the best routes are all covered, along with specific considerations for female and older runners.

TD796.422/Be451

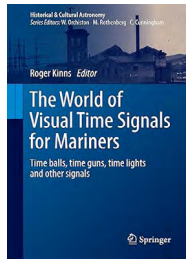


Goldsberry, K.P. (2024). *Hoop Atlas : Mapping the Remarkable Transformation of the Modern NBA*. Mariner Books. ISBN 9780063329621

Every few years a superstar player comes along who disrupts everything we know about how the NBA works. Whether it's scoring, play-making, or shooting, these are players and tactics that fundamentally challenge what greatness looks like on a basketball court. For a period of time, each becomes an "Atlas" for the league, carrying the weight of the NBA on their shoulders, but also charting the way forward. Over the past few decades, a handful of these superstars have mapped out the creation of the modern NBA.

In *Hoop Atlas*, Goldsberry, bestselling author of *Sprawlball*, returns with a highly visual, electrifying tour through the last 3 decades of pro hoops history. Charting the course from Michael Jordan to Nikola Jokić – with plenty of stops along the way for Allen Iverson, Kobe Bryant, Stephen Curry, and of course LeBron James – Goldsberry, who was instrumental in helping spur the NBA's statistical revolution, has designed a vibrant new way to compare and debate the contributions of the best NBA players of all time. Masterfully connecting NBA past and present through incisive writing and a stunning graphic journey, the end result offers stories of NBA superstars that reveal just how singular their talents truly are and demonstrates the dramatic 21st Century metamorphosis of the best basketball league in the world.

TD796.323.2/Go290



Kinns, R. (Ed.). (2024). *The World of Visual Time Signals for Mariners : Time Balls, Time Guns, Time Lights and Other Signals*. Springer Nature. ISBN 9783031573330

This book describes the worldwide evolution of land-based visual time signals that were used by mariners in the nineteenth and twentieth centuries for accurate navigation at sea. They followed development of chronometers which were carried in ships to show mean time at Greenwich, the chosen prime meridian. Greenwich time could be compared with local astronomical time to determine longitude, but chronometers were mechanical devices that had to be checked for accuracy. Land-based signals that were regulated by astronomical observations evolved from the ideas in 1818 of Robert Wauchope, a British naval officer who served at the Cape of Good Hope. He inspired introduction of time balls, specifically the time ball at Greenwich in 1833 which set the standard for subsequent installations and is still in operation today. The main emphasis is on the external appearance of time signals at different locations around the world and how they were used by mariners for rating chronometers. Time balls and guns also became popular signals for public use and workplace control but then had social and political implications.

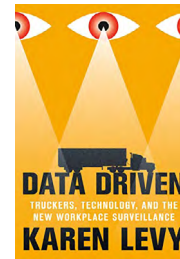
TD629.5/Wo733



Withington, J. (2024). *A History of Fireworks from Their Origins to the Present Day*. Reaktion Books. ISBN 9781789149357

This book illuminates the glittering history of fireworks, from their mysterious beginnings to the dazzling big-budget displays of today. It describes how they enthralled the world's royal courts and became a sensation across the British Empire. There are stories of innovations like "living fireworks," fiercely fought international competitions and the technology behind modern showpieces viewed by millions. Practitioners say fireworks are an art, and they have inspired artists from Shakespeare, Handel, Dickens and Whistler to Katy Perry. But John Withington also covers fireworks' practical uses – rescues at sea, attempts to control the weather – while not ignoring their dangers, accidents or efforts to make them safer.

TD66/Wi897



Levy, K. (2024). *Data Driven : Truckers, Technology, and the New Workplace Surveillance*. Princeton University Press. ISBN 9780691259123

Long-haul truckers are the backbone of the American economy, transporting goods under grueling conditions and immense economic pressure. Truckers have long valued the day-to-day independence of their work, but these workers increasingly find themselves under many watchful eyes. Karen Levy examines how digital surveillance is upending life and work on the open road and raises crucial questions about the role of data collection in broader systems of social control. Traveling from industry trade shows to law offices and truck-stop bars, she reveals how invasive technologies are reconfiguring industry relationships and providing new tools for managerial and legal control – and how truckers are challenging and resisting them. *Data Driven* contributes to an emerging conversation about how technology affects our work, institutions, and personal lives, and helps to guide our thinking about how to safeguard human dignity in the digital age.

TD629/Le935

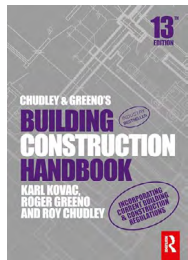


Hayes, D. (2024). *Quest for Speed : A History of Trains from Rocket to Bullet and Beyond*. Collins. ISBN 9780008704131

A richly illustrated account of high-speed trains from Rocket to TGV and beyond. Discover the rivalry that led to Mallard's 125mph record-breaking run, admire the art deco style of the earliest streamlined diesel trains, and learn how 19th-century experiments in electrification shaped the way we travel today.

- Several hundred photographs of iconic and lesser-known locomotives;
- A comprehensive history of the technological developments behind today's high-speed rail;
- Chapters dedicated to each country around the world with a major rail network.

TD629.4/Ha895



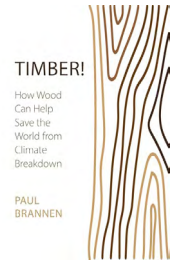
Kovac, K., Greeno, R., & Chudley, R. (2024). *Chudley and Greeno's Building Construction Handbook (13th ed.)*. Routledge. ISBN 9781032492889

The 13th Edition of Chudley and Greeno's *Building Construction Handbook* remains the authoritative reference for all construction students and professionals. The principles and processes of construction are explained with the concepts of design included where appropriate. Extensive coverage of building construction practice, techniques and regulations representing both traditional procedures and modern developments are included to provide the most comprehensive and easy-to-understand guide to building construction.

This new edition has been updated to reflect recent changes to the Building Regulations, as well as including new material on modern methods of construction, greater emphasis on sustainability, health and safety, and coverage of heat pumps, photovoltaics, under-floor heating and rainwater harvesting.

Chudley and Greeno's Building Construction Handbook is the essential, easy-to-use resource for undergraduate and vocational students on a wide range of courses including NVQ and BTEC National, through to Higher National Certificate and Diploma, to Foundation and three-year degree level. It is also a useful practical reference for building designers, contractors and others engaged in the construction industry.

TD69/Ko941



Brannen, P. (2024). *Timber!: How Wood Can Help Save the World from Climate Breakdown*. Agenda Publishing. ISBN 9781788217354

The carbon emissions generated by concrete and steel construction are well-known. Why then are we not using more carbon-friendly building materials? In a fresh and compelling argument Paul Brannen advocates changing how we build. By using timber in buildings wherever possible we can dramatically reduce our carbon emissions.

Timber! explains how we can sustainably grow, supply and utilise the wood we need for this transformation. With newly engineered timbers allowing us for the first time to build wooden skyscrapers, it also tackles head-on questions of safety. The book challenges us to think in new ways about how we can bring our natural environment into our built environment and offers inventive ideas that over time could see our expanding cities storing more carbon than our expanding forests.

TD691/Br124



Woolley, T. (2022). *Natural Building Techniques: A Guide to Ecological Methods and Materials*. The Crowood Press. ISBN 9780719840470

Natural materials are increasingly being valued for their use in a wide range of techniques and solutions, not just for building cabins in the countryside, but also for housing, schools and city structures. As the need to respond to climate change becomes a serious requirement for all building projects, so too does our understanding of how these bio-based and renewable materials can help to reduce carbon emissions.

With convincing evidence that natural materials work as well as, if not better than, conventional materials, this helpful guide offers an outline of many of the materials, products and methods of construction that are available, equipping readers with confidence to create healthy, ecological homes.

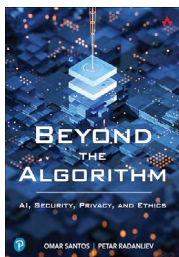
Topics covered include:

- Why natural materials are important and how they can be used;
- Building with earth, timber, lime, masonry, straw, hemp and hempcrete;
- Applying paints and finishes;
- The use of natural materials in renovating buildings;
- A guide to current suppliers and manufacturers of natural, recycled and other materials;
- An explanation of the issues that may arise when using natural materials.

This comprehensive book will be of inter-

est to self-builders, home owners, architects, housing developers and specifiers, as well as environmentalists, eco builders and campaigners who want to reduce the impact of construction on the planet.

TD69:502/Wo655



Santos, O., & Radanliev, P. (2024). *Beyond the Algorithm: AI, Security, Privacy, and Ethics*. Addison-Wesley. ISBN 9780138268459

As artificial intelligence (AI) becomes more and more woven into our everyday lives – and underpins so much of the infrastructure we rely on – the ethical, security, and privacy implications require a critical approach that draws not simply on the programming and algorithmic foundations of the technology.

Bringing together legal studies, philosophy, cybersecurity, and academic literature, *Beyond the Algorithm* examines these complex issues with a comprehensive, easy-to-understand analysis and overview. The book explores the ethical challenges that professionals – and, increasingly, users – are encountering as AI becomes not just a promise of the future, but a powerful tool of the present.

- An overview of the history and development of AI, from the earliest pioneers in machine learning to current applications and how it might shape the future;
- Introduction to AI models and implementations, as well as examples of emerging AI trends;
- Examination of vulnerabilities, including insight into potential real-world threats, and best practices for ensuring a safe AI deployment;
- Discussion of how to balance accountability, privacy, and ethics with regulatory and legislative concerns with advancing AI technology;

• A critical perspective on regulatory obligations, and repercussions, of AI with copyright protection, patent rights, and other intellectual property dilemmas;

• An academic resource and guide for the evolving technical and intellectual challenges of AI;

• Leading figures in the field bring to life the ethical issues associated with AI through in-depth analysis and case studies in this comprehensive examination.

TD004.8/Sa628



Sejnowski, T.J. (2024). *ChatGPT and the Future of AI: The Deep Language Revolution*. The MIT Press. ISBN 9780262049252

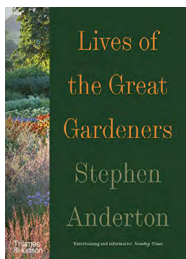
In *ChatGPT and the Future of AI*, the sequel to *The Deep Learning Revolution*, Terrence Sejnowski offers a nuanced exploration of large language models (LLMs) like ChatGPT and what their future holds. How should we go about understanding LLMs? Do these language models truly understand what they are saying? Or is it possible that what appears to be intelligence in LLMs may be a mirror that merely reflects the intelligence of the interviewer? In this book, Sejnowski, a pioneer in computational approaches to understanding brain function, answers all our urgent questions about this astonishing new technology.

Sejnowski begins by describing the debates surrounding LLMs' comprehension of language and exploring the notions of "thinking" and "intelligence." He then takes a deep dive into the historical evolution of language models, focusing on the role of transformers, the correlation between computing power and model size, and the intricate mathematics shaping LLMs. Sejnowski also provides insight into the historical roots of LLMs and discusses the potential future of AI, focusing on next-generation LLMs inspired by nature and the importance of developing energy-efficient technologies.

Grounded in Sejnowski's dual expertise in AI and neuroscience, *ChatGPT and the Future of*

AI is the definitive guide to understanding the intersection of AI and human intelligence.

TD004.8/Se312

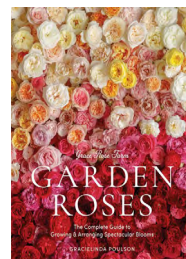


Anderton, S. (2023).
Lives of the Great Gardeners. Thames & Hudson.
ISBN 9780500297049

Throughout history great gardeners have risen from all walks of life. Some have been aristocratic amateurs, others professional designers with an international practice. Some have come to garden-making from sister arts such as sculpture or painting; or they have been hands-on nurserymen or botanists. What they all have in common, no matter where or when they were born, is the ability to take an idea and develop it in a new manner relevant to their times to create some of the world's most exciting gardens.

This book explores the lives and careers of 40 great gardeners, spanning 500 years and from around the world, revealing what influenced them and how they in turn have influenced us today. Illustrated with a wide range of gardens as they were originally seen and as they are today, through period artwork, plans and photographs, together with portraits of their makers, and featuring and outstanding text by the award-winning gardens writer Stephen Anderton, this collection will appeal to garden lovers everywhere.

TD635.017/An139



Poulson, G. (2024).
Garden Roses : The Complete Guide to Growing & Arranging Spectacular Blooms. Artisan.
ISBN 9781648290831

A one-of-a-kind guide to growing, cutting, and arranging the most beautiful roses in the world, *Garden Roses* belongs in the hands of every flower lover. Created by Gracielinda Poulson, the preeminent rose grower in the country and proprietor of Grace Rose Farm, each page of this glorious book steeps the reader in the iconic mystique of the rose: its breathtaking beauty, in hundreds of photographs. Its secrets, in the incredible breadth of information on the varieties best suited for cutting and how to raise them to thrive in the garden or a container, in almost any climate zone. And its unique presence in our lives, in all the ways to style and display roses, from a simple vaseful to more elaborate tablescape and floral arches, truly elevating the flower that more than any other has captured our imaginations and delighted our eyes.

TD635.92:582.639/Po884



Austin, D. (2023). *David Austin's English Roses.* ACC Art Books.
ISBN 9781788840194

Informative, accessible and stunningly illustrated, *David Austin's English Roses* presents a gallery of English Roses bred by David Austin at his nursery in Albrighton, Shropshire. The English Roses combine the beauty, fragrance and sumptuousness of old roses with the wide colour range and repeat-flowering of modern roses. With full-page plates of his best-loved and more recent roses, along with detailed variety descriptions, this book also covers their care. The book traces English Roses back to their old rose ancestors and establishes the concept of English Roses with their unique delicacy, charm and pleasing natural growth as well as their many delicious fragrances. It will be greatly prized by rose-growers and rose-lovers everywhere, whether professional or amateur.

This edition of the book is revised and updated by Michael Marriott.

TD635.92:582.639/Au777



Foster, M. (2024).
The Hydrangea : A Reappraisal. The Crowood Press.
ISBN 9780719842832

The genus *Hydrangea* goes far beyond the colourful and ubiquitous *Hortensia* of a million suburban front gardens; it offers a remarkable diversity and versatility, with attractive planting choices for gardens everywhere. From the tough mountain species that can take up to -30C in their stride, to the warm temperate lianas that can top twenty metres into a tree, different species are now being brought into play by breeders to provide new cultivars at a bewildering rate. This book picks up this challenge, helping readers choose the best hydrangeas for their particular gardens, no matter what the soil or situation.

Written for the gardener, enthusiast and designer, this book offers:

- A brief history of the genus, discussing taxonomic classification in the various species subgroups;
- Descriptions of some 350 of the best garden cultivars;
- Practical cultivation advice, based on the author's lifelong hands-on experience of growing, propagating and breeding the whole range of hydrangeas.

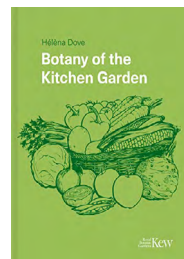
TD635.92/Fo804



Holmes, M. (2024). *The Graft Hybrid: Challenging Twentieth-Century Genetics*. University of Pittsburgh Press. ISBN 9780822947936

The global triumph of Mendelian genetics in the twentieth century was not a foregone conclusion, thanks to the existence of graft hybrids. These chimeral plants and animals are created by grafting tissue from one organism to another with the goal of passing the newly hybridized genetic material on to their offspring. But prevailing genetic theory insisted that heredity was confined to the sex cells and there was no inheritance of characteristics acquired during an organism's lifetime. Under sustained attacks from geneticists, scientific belief in the existence of graft hybrids slowly began to decline. Yet ordinary horticulturalists and breeders continued to believe in the power of grafting. Matthew Holmes tells the story of these organisms – which include multicolored chickens and black nightshades that grew tomatoes – and their enduring influence on twentieth-century biology. Their creators sought a goal as ambitious as the wildest dreams of genetic engineering today: to smash the barriers between species and freely exchange genes between organisms. *The Graft Hybrid* presents a greater understanding of the controversial history of graft hybrids, offering a crucial intervention in the history of genetics and the future of biological science.

TD631.52/Ho310

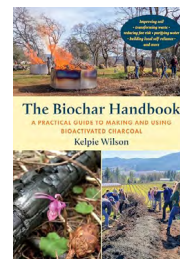


Dove, H. (2023). *Botany of the Kitchen Garden: The Science and Horticulture of Our Favourite Crops*. Kew Publishing, Royal Botanic Gardens. ISBN 9781842467831

In this essential reference on food crops, Kew's kitchen gardener Héléna Dove expertly combines horticulture and science. By examining the botany of both wild and domesticated plants, Héléna demonstrates how to understand behaviours and adaptations, giving readers and growers the tools to delve further into their favourite foods. In an ever-changing climate, it has never been more important to build resilience into our fruit and vegetable crops to ensure they thrive.

Looking at the everyday crops we grow and eat, this book will help the reader cultivate more productive plots, giving a renewed zest for the food on our plates, and a deeper understanding to an afternoon spent at the allotment.

TD634/Do920



Wilson, K. (2024). *The Biochar Handbook: A Practical Guide to Making and Using Bioactivated Charcoal*. Chelsea Green Publishing. ISBN 9781645022305

In *The Biochar Handbook*, author argues that the simple process of burning organic material in a low-oxygen environment could be one of the most powerful tools we have to restore degraded soils.

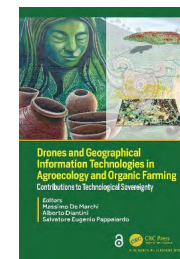
In accessible and authoritative prose based on decades of research, Wilson demonstrates that biochar is an effective means of reducing wildfire risks, restoring soil carbon, managing manure, weaning farms off of toxic inputs, and producing the best compost ever made.

In this book, you'll also find:

- A pocket history of biochar;
- Step-by-step instructions for making biochar;
- Applications for soil water retention, pest deterrence, compost enhancement, and more;
- Inspiring examples of ecosystem restoration and improved forest management;
- Low-cost recipes, including Cultured Biochar and Sustainable Potting Soil.

Wilson makes a compelling case that biochar is both simple to make and a potent solution to a host of knotty problems, both global and close to home. Whether you're a gardener, homesteader, rancher, commercial farmer, permaculturalist, or forest manager, this book will show you how to put biochar to work, making you and your community more resilient as a result.

TD631.8/Wi595

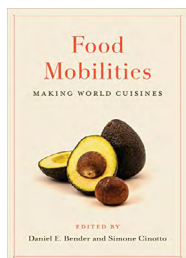


De Marchi, M., Diantini, A., & Pappalardo, S.E. (Eds.). (2022). *Drones and Geographical Information Technologies in Agroecology and Organic Farming*. CRC Press. ISBN 9781032153551

Drones, GPS, mapping, satellite images, GIS and WebGIS are geographic information technologies, which singly or combined, foster the evolution of healthy agroecosystems and facilitate agroecological transition. Technologies used in precision conventional farming to reduce environmental impacts in the yield paradigm can take other directions. Technologies can improve the multiscale approach of agroecology promoting alliances between farmers and citizens, connecting food networks whether through proximity urban farming or asserting land rights in remote areas. This book explores new paths of agroecological transition and organic farming 3.0.

TD631.3/Dr584

Taylor & Francis Open Access

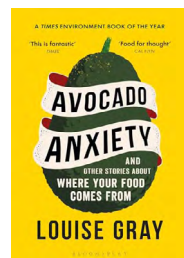


Bender, D.E., & Cinotto, S. (Eds.). (2024). *Food Mobilities: Making World Cuisines*. University of Toronto Press. ISBN 9781487526498

Bringing together multidisciplinary scholars from the growing discipline of food studies, *Food Mobilities* examines food provisioning and the food cultures of the world, historically and in contemporary times. The collection offers a range of fascinating case studies, including explorations of Italian food in colonial Ethiopia, traditional Cornish pasties in Mexico, migrant community gardeners in Toronto, and beer all around the world.

In exploring the origins of the contemporary global food system and how we cook and eat today, *Food Mobilities* uncovers the local and global circulation of food, ingredients, cooks, commodities, labour, and knowledge.

TD664/Fo440



Gray, L. (2024). *Avocado Anxiety: And Other Stories about Where Your Food Comes from*. Bloomsbury Wildlife. ISBN 9781472969620

Have you ever wondered who picked your Fairtrade banana or how far your green beans travelled to reach your plate?

We are all part of a complex food system. Trying to make sense of it, environmental journalist Louise Gray tracks the stories of our five-a-day, from farm to fruit bowl, and discovers the impact that growing fruits and vegetables has on the planet. Visiting farms, interviewing scientists and trying to grow her own, she asks important questions to dig up the dirt on familiar items in our shopping baskets. Are plant proteins as good for us as meat proteins? Why can we buy so-called 'seasonal' fruits like strawberries all year round? And is the symbol of clean eating, the avocado, fuelling the climate crisis?

As pressure grows to share our healthy, environmentally friendly lives on social media, *Avocado Anxiety* is also a personal story of motherhood and the realisation that nothing is ever perfect.

TD664/Gr293



Mouritsen, O.G., Styrbaek, K., & Johansen, M. (2025). *Plant-Forward Cuisine: Basic Concepts and Practical Applications*. Routledge. ISBN 9781032765372

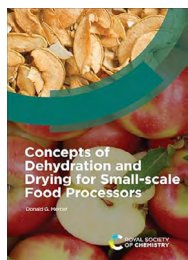
Plant-Forward Cuisine is a beautifully illustrated book that promotes the environmental and health benefits of a plant-forward diet and will inspire readers with a range of exciting recipes.

The book addresses the urgent need to make changes to those culinary cultures where animal-sourced proteins play a central role. To ensure that there is enough food for a growing world population, to lessen the burden on the environment, and to promote healthier, sustainable eating patterns, it is crucial to transition to a diet that focuses primarily on plants as the key ingredients. Yet, many people dislike the taste of plants because of their texture and lack of sweetness and umami. Luckily, the book provides a solution to these challenges. It offers key scientific descriptions of the physical characteristics of plants, mushrooms, algae, and fungi and their nutritional components, along with information about creation of texture and flavour. Armed with this knowledge, the recipes then provide tips and tricks for transforming plants into delicious meals with pleasing textures and flavours. The authors stress that it is not necessary to embrace a fully vegetarian or vegan diet. Rather, they suggest that taking a flexitarian approach, which incorporates small quantities of animal products to elicit umami, may be a more viable and lasting solution

for people at large. Throughout the text readers will find interesting narratives about various aspects of green gastronomy around the world. The book concludes with two helpful reference sections: a glossary of main ingredients used in the recipes and a compilation of ingredients that can be used to add taste and aroma.

This book will be of great interest to those concerned with building a sustainable food system, and it will serve as a practical guide for those seeking to transition to plant-rich diets without compromising their taste experience and enjoyment of food.

TD641.564/Mo885



Mercer, D.G. (2024). *Concepts of Dehydration and Drying for Small-scale Food Processors*. Royal Society of Chemistry. ISBN 9781839167911

Looking for instructional material to help extend the shelf life of your crops? Look no further.

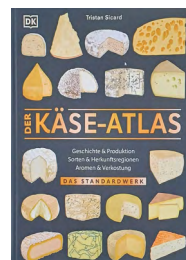
Drying is one of the main preservation techniques available for extending the useful storage life of food products such as fruits and vegetables. Its origins pre-date recorded history and it can be performed on a small-scale without the need for massive quantities of fruits and vegetables and continuous conveyor belt dryers. By providing explanations of the basic concepts of food drying and techniques useable at the small-scale, this book outlines why various procedures in the process are followed.

Coverage includes:

- Preparation of fruits and vegetables;
 - Open air drying, solar drying and forced air drying techniques;
 - Packaging and shelf-life enhancement;
- and
- Use of dehydrated food materials.

This book is written in a non-scientific style that would be suitable for food processors and urban gardeners amongst others. Whether you are drying food at home or as a small-scale producer, you will find information to help you extend the shelf life of your crops and foods in this book.

TD641.4/Me584



Sicard, T. (2024). *Der Käse-Atlas : Geschichte & Produktion, Sorten & Herkunftsregionen, Aromen & Verkostung*. DK Verlag Dorling Kindersley. ISBN 9783831049769

Das aktualisierte Standardwerk für alle Käse-Liebhaber*innen! Von Geschichte und Herstellungsverfahren über wichtige Herkunftsregionen bis hin zu Infos zur Lagerung sowie Tipps, wie Sie Ihre ganz persönliche Käseplatte zusammenstellen können: Mit diesem Buch wird jede*r zum Käse-Profi!

- Mehr als 400 Käsesorten aus über 25 Ländern im Porträt;
- Übersicht über die gängigsten Siegel;
- 20 Karten zu den wichtigsten Käseregionen;
- Profiwissen, Tipps & Tricks für die nächste Käseverkostung zu Hause.

TD637.3/Si040



Thomas, R. (2024). *Tofu : A Culinary History*. Reaktion Books. ISBN 9781789149531

To the untrained eye there's nothing as unexciting as tofu, normally regarded in the West as a tasteless, beige, congealed mass of crushed, boiled soybeans. However, tofu more than stands up on its own. Reviled for decades as a vegetarian oddity, the brave, wobbly block has made a comeback.

This global history of bean curd stretches from ancient creation myths and tomb paintings, via Chinese poetry and Japanese Buddhist cuisine, to deportations in Soviet Russia and struggles for power on the African continent. It describes the potentially non-Chinese roots of tofu, its myriad types, why 'eating tofu' is an insult in Cantonese, and its environmental impact today.

Warning: this book actually makes tofu exciting. It's anything but bland.

TD641.1/Th582



DeSimone, M., & Janssen, J. (2023). *White Wine : The Comprehensive Guide to the 50 Essential Varieties & Styles*. Countryman Press. ISBN 9781682687840

Discover the delicious world of white wine with profiles of all the must-know varieties from Albariño to Viognier and styles from Bordeaux to Vinho Verde and dive deep into popular favorites, such as Chardonnay, Pinot Grigio, Prosecco, Riesling, Sauvignon Blanc, and Sherry. Peppered with engaging facts and figures, each chapter surveys one grape or blend, featuring all-inclusive at-a-glance information that tells you what to expect in the glass, suggested food pairings, and more than 1,500 recommended wines, from cheerful bargains to worthy splurges. Detailed essays offer capsule histories of each variety or style, including its origins, favored growing conditions, notable countries and regions that produce it, and typical characteristics. Winemakers and other industry experts share their wisdom alongside gorgeous photography that brings the vineyards, grapes, and bottles vividly to life. Complete with a handy checklist to track the delectable wines that you taste, *White Wine* is the perfect resource to help you enjoy the best white wines in the world.

TD663.2/De776



Strasdin, K. (2023). *Inside the Royal Wardrobe: A Dress History of Queen Alexandra*. Bloomsbury Visual Arts. ISBN 9781350102347

Queen Alexandra used clothes to fashion images of herself as a wife, a mother and a royal: a woman who both led Britain alongside her husband Edward VII and lived her life through fashion. The book overturns the popular myth of a vapid and neglected queen, examining the surviving garments of Alexandra, Princess of Wales – who later became Queen Consort – to unlock a rich story of a previously misinterpreted queen, her wardrobe and her times.

More than 130 extraordinary garments from Alexandra's wardrobe survive, from sumptuous court dress and politicized fancy dress to mourning attire and elegant coronation gowns. Dress curator Kate Strasdin places these garments at the heart of this story, examining their relationships to issues such as body politics, power, celebrity, social identity and performance.

Drawing on original sources, including letters, travel journals, newspaper editorials, wardrobe accounts and tailors' ledgers, *Inside the Royal Wardrobe* reveals a shrewd and socially aware woman attuned to the popular power of royal dress. The story it tells is of interest to students of fashion and dress history, material culture, 19th century history, as well as fashion curators and anyone interested in the power of royal dress.

TD687(09)/St660



Block, E.L. (2024). *Beyond Vanity: The History and Power of Hairdressing*. The MIT Press. ISBN 9780262049054

In the nineteenth century, the complex cultural meaning of hair was so significant that it could affect one's place in society. After the Civil War, hairdressing was a growing profession and the hair industry a mainstay of local, national, and international commerce. In *Beyond Vanity*, Elizabeth L. Block expands the nascent field of hair studies by restoring women's hair as a cultural site of meaning in the early United States. With a special focus on the places and spaces in which the industry operated, Block argues that the importance of hair has been overlooked due to its ephemerality as well as its misguided association with frivolity and triviality. As Block clarifies, hairdressing was anything but frivolous.

Using methods of visual and material culture studies informed by concepts of cultural geography, Block identifies multiple substantive categories of place and space within which hair had pronounced impact. These include the preparatory places of the bedroom, hair salon, and enslaved peoples' quarters, as well as the presentation spaces of parties, fairs, stages, and workplaces. Here are also the untold stories of business owners, many of whom were women of color, and the creators of trendsetting styles such as the pompadour and Gibson Girl bouffant. Block's groundbreaking study examines how race

and racism affected who participated in the presentation and business of hair, and according to which standards. The result of looking closely at the places and spaces of hair is a reconfiguration that allows a new understanding of its immense cultural power.

TD687.53/B1750



Troy, N.J., & Tartsinis, A.M. (2023). *Mondrian's Dress: Yves Saint Laurent, Piet Mondrian, and Pop Art*. The MIT Press. ISBN 9780262048354

Yves Saint Laurent's 1965 Mondrian dresses are among the twentieth century's most celebrated and recognizable fashions, but the context of their creation involves much more than meets the eye. In *Mondrian's Dress*, Nancy J. Troy and Ann Marguerite Tartsinis offer a fresh approach to the coupling of Piet Mondrian's interwar paintings with Saint Laurent's couture designs by exposing the rampant merchandising and commodification that these works experienced in the 1960s. The authors situate the consolidation of Saint Laurent's fashion brand alongside the work of such Pop artists as Roy Lichtenstein, Andy Warhol, and Tom Wesselmann, and show how conventional understandings of Mondrian's avant-garde abstractions were transformed by the mass circulation of his signature style.

Beyond its attention to 1960s fashion, Pop art, and consumer culture, *Mondrian's Dress* offers critical assessments of Saint Laurent's so-called dialogue with art, the remarkable art collection that he built with his partner Pierre Bergé, and the crucial role that photography plays in the marketing of couture. The first book-length study of its kind, *Mondrian's Dress* is a provocative reevaluation of how art, commerce, and fashion became fundamentally intertwined in the postwar period.

TD687(092)/Tr813



Huber, M., & Van Godtsenhoven, K. (2023). *Women Dressing Women : A Lineage of Female Fashion Design*. The Metropolitan Museum of Art. ISBN 9781588397201

This beautifully illustrated book explores the considerable impact of fashions created by and for women by tracing a historical and conceptual lineage of female designers – from unidentified dressmakers in eighteenth-century France to contemporary makers who are leading the direction of fashion today. Stunning new photographs of exceptional garments from the unparalleled collection of The Metropolitan Museum of Art’s Costume Institute complement insightful essays that consider notions of anonymity, visibility, agency, and absence/omission, highlighting celebrated designers and forgotten histories alike to reveal women’s impact on the field of fashion. The publication includes garments from French houses such as Vionnet, Schiaparelli, and Mad Carpentier to American makers like Ann Lowe, Claire McCardell, and Isabel Toledo, along with contemporary designers such as Rei Kawakubo, Iris van Herpen, Simone Rocha, and Anifa Mvuemba. Situating the works within a larger social context, this overdue look at female-led design is essential reading for anyone interested in the history of fashion.

TD687(09)/Hu076



Feigenbaum, E. (2024). *Profiles of the Mannequin : The Cultural and Historical Impact of the Mannequin*. Bloomsbury Visual Arts. ISBN 9781350418110

They’ve been referred to as the quintessential silent sales force, but they are so much more than fancy clothes hangers. Mannequins breathe life, emotion, and animation into retail environments across the world. They are works of art that tap into the emotions and aspirations of all who engage with them.

Profiles of the Mannequin tracks the history and evolution of these intriguing figures, from the headless models of 1900 right up to today’s virtual mannequins. Exploring shifts in representation of gender, race, and body type, this study chronicles the connection between mannequins and movements in art, the humanities, current affairs, and fashion.

In fascinating in-depth interviews, creative professionals also recount their experiences, philosophies, and stories of working with the mannequin, sharing their views of its impact on our culture as both a utilitarian object and an artistic statement.

TD687(09)/Fe290



Sims, J. (2024). *A Pocket Guide to Nike*. Laurence King. ISBN 9781529438666

Discover the legendary story of Nike, where engineering ingenuity and a signature Swoosh took the globe by storm.

In this illustrated guide, style writer Josh Sims explores the rise of the world’s biggest sportswear company from its humble beginnings in Oregon to global fashion monolith. Featuring all of Nike’s most iconic designs, highlighting their industry-defining innovations and pop-culture influence, *A Pocket Guide to Nike* is an essential read for all style seekers and sneaker-heads.

TD687.14/Si640

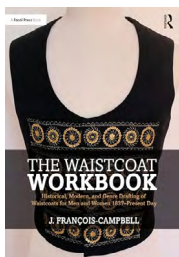


Sims, J. (2024). *A Pocket Guide to Adidas*. Laurence King. ISBN 9781529438680

Discover the legendary story of Adidas, where three signature stripes took the globe by storm.

In this illustrated guide, style writer Josh Sims delves into the rich history of one of the most iconic brands in the world today. From a small town in Germany to a symbol of quality, performance and cutting-edge innovation, Adidas’s rise is nothing short of extraordinary. Featuring all the brand’s most coveted designs, highlighting their revolutionary technology and cultural impact, *A Pocket Guide to Adidas* is an essential read for all style seekers and sneaker-heads.

TD687.14/Si640



François-Campbell, J. (2024). *The Waistcoat Workbook : Historical, Modern, and Genre Drafting of Waistcoats for Men and Women 1837–Present Day*. Routledge. ISBN 9781032159614

The Waistcoat Workbook: Historical, Modern, and Genre Drafting of Waistcoats for Men and Women 1837–Present Day provides comprehensive coverage of the design, construction, and role of waistcoats from the reign of Queen Victoria to the present day in the United Kingdom.

The book contains step-by-step instructions on how to draft the garments onto pattern paper from start to finish with drafting tools, including diagrams and detailed instructions on what measurements are required and how to record the information.

The book also features:

- A brief history of waistcoats in European, and particularly British history, highlighting key points in the evolution of the garment;
- A discussion of fabrics that would be suitable to use for the garments and what kind of interlinings and linings are best suited, depending on the main fabric chosen for the front of the garment;
- Information on how to deal with one and two-way fabrics and challenging materials, as well as fabric analysis and pressing techniques;
- Step-by-step instructions to construct genre waistcoats, including cosplay and Steampunk clothing;
- Industry terminology and suppliers and

stockists.

The Waistcoat Workbook is an excellent resource for professional film and theatre costume makers and tailors, students of costume and fashion design, and makers in cosplay, Steampunk, and re-enactment fields.

TD687(09)/Fr170



Jestratijevic, I. (2024). *The Business of Sustainability in Fashion : Following the Threads*. University of North Texas Press. ISBN 9781574419092

In *The Business of Sustainability in Fashion*, Iva Jestratijevic has written a book that should be on the reading list of every fashion student, educator, and consumer of fashion. It is unique in its focus on critical and creative thinking surrounding corporate and consumer sustainability while succinctly illustrating how interdependent the challenges of being sustainable are.

As the world becomes more aware of the urgency of climate change, landfill overuse, and protecting precious resources, this book can be used as a primer for understanding the problems and exploring solutions. Those who are interested in “doing something” will benefit from reading this book, which takes a complex issue and breaks it down into understandable pieces. It considers how interdependent the idea of fashion sustainability is, from the raw materials needed to consumer purchases to product disposal.

For educators this is especially important because it provides both the insights and the roadmap needed to guide students through the complexity of being sustainable. It identifies many resources available to aid students and consumers in critical thinking for exploring solutions in an industry that is in desperate need of new ideas. Using examples from fashion businesses, this book also covers the key theories

underlying the concept of sustainability and their application in fashion sourcing, manufacturing, marketing, and retailing.

TD687/Je897