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## MELENDEZ MICHAEL

*Yellow Crocus* Houghton Mifflin Harcourt

NEW YORK TIMES BESTSELLER • READ WITH JENNA BOOK CLUB PICK AS FEATURED ON TODAY • Two estranged siblings delve into their mother's hidden past—and how it all connects to her traditional Caribbean black cake—in this immersive family saga, “a character-driven, multigenerational story that’s meant to be savored” (Time). “Wilkerson transports you across the decades and around the globe accompanied by complex, wonderfully drawn characters.”—Taylor Jenkins Reid, New York Times bestselling author of *The Seven Husbands of Evelyn Hugo*, *Daisy Jones & The Six*, and *Malibu Rising* In development as a Hulu original series produced by Marissa Jo Cerar, Oprah Winfrey (Harpo Films), and Kapital Entertainment ONE OF THE BEST BOOKS OF THE YEAR: Oprah Daily, NPR, BuzzFeed, Glamour, PopSugar, Book Riot, She Reads We can't choose what we inherit. But can we choose who we become? In present-day California, Eleanor Bennett's death leaves behind a puzzling inheritance for her two children, Byron and Benny: a black cake, made from a family recipe with a long history, and a voice recording. In her message, Eleanor shares a tumultuous story about a headstrong young swimmer who escapes her island home under suspicion of murder. The heartbreaking tale Eleanor unfolds, the secrets she still holds back, and the mystery of a long-lost child challenge everything the siblings thought they knew about their lineage and themselves. Can Byron and Benny reclaim their once-close relationship, piece together Eleanor's true history, and fulfill her final request to “share the black cake when the time is right”? Will their mother's revelations bring them back together or leave them feeling more lost than ever? Charmaine Wilkerson's debut novel is a story of how the inheritance of betrayals, secrets, memories, and even names can shape relationships and history. Deeply evocative and beautifully written, *Black Cake* is an extraordinary journey through the life of a family changed forever by the choices of its matriarch. *Aliens* CRC Press

This is a comprehensive and accessible overview of what is known about the structure and mechanics of bone, bones, and teeth. In it, John Currey incorporates critical new concepts and findings from the two decades of research since the publication of his highly regarded *The Mechanical Adaptations of Bones*. Crucially, Currey shows how bone structure and bone's mechanical properties are intimately bound up with each other and how the mechanical properties of the material interact with the structure of whole bones to produce an adapted structure. For bone tissue, the book discusses stiffness, strength, viscoelasticity, fatigue, and fracture mechanics properties. For whole bones, subjects dealt with include buckling, the optimum hollowness of long bones, impact fracture, and properties of cancellous bone. The effects of mineralization on stiffness and toughness and the role of microcracking in the fracture process receive particular attention. As a zoologist, Currey views bone and bones as solutions to the design problems that vertebrates have faced during their evolution and throughout the book considers what bones have been adapted to do. He covers the full range of bones and bony tissues, as well as dentin and enamel, and uses both human and non-human examples. Copiously illustrated, engagingly written, and assuming little in the way of prior knowledge or mathematical background, *Bones* is both an ideal introduction to the field and also a reference sure to be frequently consulted by practicing researchers.

*Principles of Biology* Springer Science & Business Media

NSSC Biology is a course consisting of three Modules, an Answer Book and a Teacher's Guide. The course has been written and designed to prepare students for the Namibia Senior Secondary Certificate (NSSC) Ordinary and Higher Level, or similar examinations. The modules have been developed for distance learners and learners attending schools. NSSC Biology is high-quality support material. Features of the books include: ' modules divided into units, each focusing on a different theme ' stimulating and thought-provoking activities, designed to encourage critical thinking ' word boxes providing language support ' highlighted and explained key terminology ' step-by-step guidelines aimed towards achieving the learning outcomes ' self-evaluation to facilitate learning and assess skills and knowledge ' clear distinction between Ordinary and Higher Level content ' an outcomes-based approach encouraging student-centred learning ' detailed feedback in the Answer Book promoting a thorough understanding of content through recognising errors and correcting them.

*High-School Biology Today and Tomorrow* Firewall Media

Originally published in Great Britain by Profile Books Ltd, 2016.

*Betrayal in the City* East African Publishers

Introduction to Plasma Physics is the standard text for an introductory lecture course on plasma physics. The text's six sections lead readers systematically and comprehensively through the fundamentals of modern plasma physics. Sections on single-particle motion, plasmas as fluids, and collisional processes in plasmas lay the groundwork for a thorough understanding of the subject. The authors take care to place the material in its historical context for a rich understanding of the ideas presented. They also emphasize the importance of medical imaging in radiotherapy, providing a logical link to more advanced works in the area. The text includes problems, tables, and illustrations as well as a thorough index and a complete list of references.

*The Time Traveler's Wife* East African Publishers

This new edition of the popular *The Strategy Pathfinder* updates the micro-cases of real-life problems faced by companies and executives. These micro-cases help readers to engage with the kinds of situations they will encounter in their working lives while provoking discussions about key theoretical themes. Original presentation and design makes this an essential companion for both the business-school classroom and the executive briefcase. The *Strategy Pathfinder* brings experienced and potential executives alike an instant guide to the concepts and techniques they need to know. An innovative introduction to strategy. Makes readers active “producers” of strategy, rather than passive recipients of received wisdom. Presents essential pathways through the strategy jungle. Each case provokes discussion about a key theoretical theme. Encourages readers to form a view themselves, and then test it against the views of others, before offering recommendations about how best to proceed. Cases are drawn from Africa, the Americas, Asia, Europe and Oceania. Supported by online lecturer supplements.

**Water Relations in Membrane Transport in Plants and Animals** Ballantine Books

The Big Conservation Lie' is a wake up call focused on a field that has been 'front and centre' of

many people's hearts and minds in recent years; The conservation of Africa's wildlife. It is a pursuit whose power to inspire is only rivalled by its ability to blind its audience to reality. This book takes the reader through Kenya's conservation 'industry' and the players therein with all their prejudices, weaknesses and commitment to causes, many of which are indistinguishable from their personalities. It is a call to indigenous Africans to claim their place at the table where the management of their natural resources is being discussed and invites well-meaning donors to look beyond the romantic images and detect the possible role of their money in the disenfranchisement of a people.

**Discovering the Brain** African Books Collective

First Published in 2018. Routledge is an imprint of Taylor & Francis, an Informa company.

*The Mistake* Springer Science & Business Media

Written by an experienced teacher of students, this book aims to motivate A-Level students.

Questions are presented in two styles, 'Quick Check' and 'Food for Thought', to give opportunities to practise both recall and analytical skills. It includes colour illustrations and graduated questions to practise recall and analytical skills.

**Symbiotic Nitrogen Fixation** CRC Press

A Magical love story that is as sad as it is joyous.

*Cambridge IGCSE® Biology Coursebook with CD-ROM* Picador USA

*Betrayal in the City*, first published in 1976 and 1977, was Kenya's national entry to the Second World Black and African Festival of Arts and Culture in Lagos, Nigeria. The play is an incisive, thought-provoking examination of the problems of independence and freedom in post-colonial African states, where a sizeable number of people feel that their future is either blank or bleak. In the words of Mosese, one of the characters: "It was better while we waited. Now we have nothing to look forward to. We have killed our past and are busy killing our future."--Page 4 of cover

**Structural Stability And Morphogenesis** Lens&pens Publishing

The brain ... There is no other part of the human anatomy that is so intriguing. How does it develop and function and why does it sometimes, tragically, degenerate? The answers are complex. In *Discovering the Brain*, science writer Sandra Ackerman cuts through the complexity to bring this vital topic to the public. The 1990s were declared the "Decade of the Brain" by former President Bush, and the neuroscience community responded with a host of new investigations and conferences. *Discovering the Brain* is based on the Institute of Medicine conference, Decade of the Brain: Frontiers in Neuroscience and Brain Research. *Discovering the Brain* is a "field guide" to the brain—“an easy-to-read discussion of the brain's physical structure and where functions such as language and music appreciation lie. Ackerman examines: How electrical and chemical signals are conveyed in the brain. The mechanisms by which we see, hear, think, and pay attention—”and how a "gut feeling" actually originates in the brain. Learning and memory retention, including parallels to computer memory and what they might tell us about our own mental capacity. Development of the brain throughout the life span, with a look at the aging brain. Ackerman provides an enlightening chapter on the connection between the brain's physical condition and various mental disorders and notes what progress can realistically be made toward the prevention and treatment of stroke and other ailments. Finally, she explores the potential for major advances during the "Decade of the Brain," with a look at medical imaging techniques—“what various technologies can and cannot tell us—”and how the public and private sectors can contribute to continued advances in neuroscience. This highly readable volume will provide the public and policymakers—“and many scientists as well—”with a helpful guide to understanding the many discoveries that are sure to be announced throughout the "Decade of the Brain."

**Comprehensive Biology XII** Garland Science

A First Course in Systems Biology is an introduction for advanced undergraduate and graduate students to the growing field of systems biology. Its main focus is the development of computational models and their applications to diverse biological systems. The book begins with the fundamentals of modeling, then reviews features of the molecular inventories that bring biological systems to life and discusses case studies that represent some of the frontiers in systems biology and synthetic biology. In this way, it provides the reader with a comprehensive background and access to methods for executing standard systems biology tasks, understanding the modern literature, and launching into specialized courses or projects that address biological questions using theoretical and computational means. New topics in this edition include: default modules for model design, limit cycles and chaos, parameter estimation in Excel, model representations of gene regulation through transcription factors, derivation of the Michaelis-Menten rate law from the original conceptual model, different types of inhibition, hysteresis, a model of differentiation, system adaptation to persistent signals, nonlinear nullclines, PBPK models, and elementary modes. The format is a combination of instructional text and references to primary literature, complemented by sets of small-scale exercises that enable hands-on experience, and large-scale, often open-ended questions for further reflection.

**Certificate Biology 3** East African Publishers

New York Times bestseller! Get ready for another binge-worthy romance from international bestselling author Elle Kennedy! He's a player in more ways than one... College junior John Logan can get any girl he wants. For this hockey star, life is a parade of parties and hook-ups, but behind his killer grins and easygoing charm, he hides growing despair about the dead-end road he'll be forced to walk after graduation. A sexy encounter with freshman Grace Ivers is just the distraction he needs, but when a thoughtless mistake pushes her away, Logan plans to spend his final year proving to her that he's worth a second chance. Now he's going to need to up his game... After a less than stellar freshman year, Grace is back at Briar University, older, wiser, and so over the arrogant hockey player she nearly handed her V-card to. She's not a charity case, and she's not the quiet butterfly she was when they first hooked up. If Logan expects her to roll over and beg like all his other puck bunnies, he can think again. He wants her back? He'll have to work for it. This time around, she'll be the one in the driver's seat...and she plans on driving him wild. The Briar U Series of Standalone Novels *The Chase* (Briar U Book 1) *The Risk* (Briar U Book 2) *The Play* (Briar U Book 3) *The Off-Campus Series of Standalone Novels* *The Deal* (Off-Campus Book 1) *The Mistake* (Off-Campus Book 2) *The Score* (Off-Campus Book 3) *The Goal* (Off-Campus Book 4)

**Multiagent Systems** Elle Kennedy Inc.

Multiagent systems combine multiple autonomous entities, each having diverging interests or

different information. This overview of the field offers a computer science perspective, but also draws on ideas from game theory, economics, operations research, logic, philosophy and linguistics. It will serve as a reference for researchers in each of these fields, and be used as a text for advanced undergraduate or graduate courses. The authors emphasize foundations to create a broad and rigorous treatment of their subject, with thorough presentations of distributed problem solving, game theory, multiagent communication and learning, social choice, mechanism design, auctions, cooperative game theory, and modal logics of knowledge and belief. For each topic, basic concepts are introduced, examples are given, proofs of key results are offered, and algorithmic considerations are examined. An appendix covers background material in probability theory, classical logic, Markov decision processes and mathematical programming.

*Muscle Function Testing* Cambridge University Press

*Concepts of Biology* is designed for the single-semester introduction to biology course for non-science majors, which for many students is their only college-level science course. As such, this course represents an important opportunity for students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way that is easy to read and understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, *Concepts of Biology* is grounded on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and everyday applications of the concepts at hand. We also strive to show the interconnectedness of topics within this extremely broad discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of *Concepts of Biology* is that instructors can customize the book, adapting it to the approach that works best in their classroom. *Concepts of Biology* also includes an innovative art program that incorporates critical thinking and clicker questions to help students understand--and apply--key concepts.

*Introduction to Computing* Oxford University Press, USA

*Introduction to Computing* is a comprehensive text designed for the CS0 (Intro to CS) course at the college level. It may also be used as a primary text for the Advanced Placement Computer Science course at the high school level.

*The Big Conservation Lie* CUP Archive

Biology is where many of science's most exciting and relevant advances are taking place. Yet, many students leave school without having learned basic biology principles, and few are excited enough to continue in the sciences. Why is biology education failing? How can reform be accomplished? This

book presents information and expert views from curriculum developers, teachers, and others, offering suggestions about major issues in biology education: what should we teach in biology and how should it be taught? How can we measure results? How should teachers be educated and certified? What obstacles are blocking reform?

*Chemchemi Za Kiswahili* National Academies

The compartmentation of genetic information is a fundamental feature of the eukaryotic cell. The metabolic capacity of a eukaryotic (plant) cell and the steps leading to it are overwhelmingly an endeavour of a joint genetic cooperation between nucleus/cytosol, plastids, and mitochondria. Alteration of the genetic material in anyone of these compartments or exchange of organelles between species can seriously affect harmoniously balanced growth of an organism. Although the biological significance of this genetic design has been vividly evident since the discovery of non-Mendelian inheritance by Baur and Correns at the beginning of this century, and became indisputable in principle after Renner's work on interspecific nuclear/plastid hybrids (summarized in his classical article in 1934), studies on the genetics of organelles have long suffered from the lack of respectability. Non-Mendelian inheritance was considered a research sideline--if not a freak--by most geneticists, which becomes evident when one consults common textbooks. For instance, these have usually impeccable accounts of photosynthetic and respiratory energy conversion in chloroplasts and mitochondria, of metabolism and global circulation of the biological key elements C, N, and S, as well as of the organization, maintenance, and function of nuclear genetic information. In contrast, the heredity and molecular biology of organelles are generally treated as an adjunct, and neither goes as far as to describe the impact of the integrated genetic system.

*Advanced Biology* Elsevier

During the past three decades there has been a large amount of research on biological nitrogen fixation, in part stimulated by increasing world prices of nitrogen-containing fertilizers and environmental concerns. In the last several years, research on plant--microbe interactions, and symbiotic and asymbiotic nitrogen fixation has become truly interdisciplinary in nature, stimulated to some degree by the use of modern genetic techniques. These methodologies have allowed us to make detailed analyses of plant and bacterial genes involved in symbiotic processes and to follow the growth and persistence of the root-nodule bacteria and free-living nitrogen-fixing bacteria in soils. Through the efforts of a large number of researchers we now have a better understanding of the ecology of rhizobia, environmental parameters affecting the infection and nodulation process, the nature of specificity, the biochemistry of host plants and microsymbionts, and chemical signalling between symbiotic partners. This volume gives a summary of current research efforts and knowledge in the field of biological nitrogen fixation. Since the research field is diverse in nature, this book presents a collection of papers in the major research area of physiology and metabolism, genetics, evolution, taxonomy, ecology, and international programs.