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*The second edition of the
Encyclopedia of Toxicology*

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continues its comprehensive survey of toxicology. This new edition continues to present entries devoted to key concepts and specific chemicals. There has been

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an increase in entries devoted to international organizations and well-known toxic-related incidents such as Love Canal and Chernobyl. Along with the traditional

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***scientifically based
entries, new articles
focus on the societal
implications of
toxicological knowledge
including environmental
crimes, chemical and***

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*biological warfare in
ancient times, and a
history of the U.S.
environmental movement.
With more than 1150
entries, this second
edition has been expanded*

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in length, breadth and depth, and provides an extensive overview of the many facets of toxicology. Also available online via ScienceDirect – featuring extensive browsing,

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searching, and internal cross-referencing between articles in the work, plus dynamic linking to journal articles and abstract databases, making navigation flexible and

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information, pricing
options and availability
visit www.info.sciencedirect.com. *Second edition
has been expanded to 4
volumes *Encyclopedic A-Z***

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***arrangement of chemicals
and all core areas of the
science of toxicology
*Covers related areas such
as organizations, toxic
accidents, historical and
social issues, and laws***

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****New topics covered
include computational
toxicology, cancer potency
factors, chemical
accidents, non-lethal
chemical weapons, drugs of
abuse, and consumer***

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disproof of evolutionary
stories about men, women,
and the nature of desire
of the heterosexual fables
that pervade popular*

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*culture, from prime-time
sitcoms to scientific
theories about the so-
called gay gene.*

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***Sertoli Cell Biology,
Second Edition summarizes
the progress since the
last edition and
emphasizes the new
information available on
Sertoli/germ cell***

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interactions. This information is especially timely since the progress in the past few years has been exceptional and it relates to control of sperm production in vivo

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*and in vitro. Fully
revised Written by experts
in the field Summarizes 10
years of research Contains
clear explanations and
summaries Provides a
summary of references over*

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***the last 10 years
Gender, Sexuality, and
Eugenics from the Turn of
the Century to the Baby
Boom
Embryos Under the
Microscope***

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***New York State Regents
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***A Guide to Healthy
Adolescent Development***

***Let's Review Regents:
Living Environment Revised
Edition***

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Ancient Bodies, Modern Lives

The Mechanistic Conception of Life

*"Building a Better Race
powerfully demonstrates the
centrality of eugenics during the*

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first half of the twentieth century. Kline persuasively uncovers eugenics' unexpected centrality to modern assumptions about marriage, the family, and morality, even as late as the 1950s. The book is full of surprising connections and

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stories, and provides crucial new perspectives illuminating the history of eugenics, gender and normative twentieth-century sexuality."—Gail Bederman, author of Manliness and Civilization: A Cultural History of Gender and Race in the US,

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1880-1917 "A strikingly fresh approach to eugenics.... Kline's work places eugenicists squarely at the center of modern reevaluations of females sexuality, sexual morality in general, changing gender roles, and modernizing family ideology.

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She insists that eugenic ideas had more power and were less marginal in public discourse than other historians have indicated."—Regina Morantz-Sanchez, author of Conduct Unbecoming a Woman: Medicine on Trial in Turn-of-the-Century

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Brooklyn

Meiosis and

Gametogenesis Academic Press

Biology Unmoored is an engaging examination of what it means to live in a world that is not structured in terms of biological thinking. Drawing upon three

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years of ethnographic research in the highlands of Papua New Guinea, Sandra Bamford describes a world in which physiological reproduction is not perceived to ground human kinship or human beings' relationship to the organic world.

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Bamford also exposes the ways in which Western ideas about relatedness do depend on a notion of physiological reproduction. Her innovative analysis includes a discussion of the advent of assisted reproductive technologies

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(ARTs), the mapping of the human genome, cloning, the commodification of biodiversity, and the manufacture and sale of genetically modified organisms (GMOs).

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and preparations for exams.

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Race, Sex, Science, and U.S.

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Imperialism in Puerto Rico

Meiosis and Gametogenesis

Anatomy & Physiology

This book assesses the scientific value and merit of research on human genetic differences--including a

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collection of DNA samples that represents the whole of human genetic diversity--and the ethical, organizational, and policy issues surrounding such research. Evaluating Human Genetic Diversity discusses the

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potential uses of such collection, such as providing insight into human evolution and origins and serving as a springboard for important medical research. It also addresses issues of confidentiality and individual

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privacy for participants in genetic diversity research studies.

Scores of talented and dedicated people serve the forensic science community, performing vitally important

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work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of

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forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application.

Strengthening Forensic Science
in the United States: A Path

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Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the

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forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of

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wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems

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and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential

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call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Jane Maienschein examines

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how understanding of embryos evolved from the speculations of natural philosophers to bioengineering, with its life-enhancing therapies. She shows that research on embryos has always seemed promising to

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some but frightening to others,
and makes the case that public
understanding must be
informed by scientific findings.
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website (SURVIVINGCHEM dot COM) to get a stunning online digital Flipbook preview. New Revision coming November 15 2013, for the 2014 Regents Exam. This book is available in blue, pink, and orange covers.

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Thanks and Best of Luck on your
exam.

A Path Forward

Encyclopedia of Toxicology

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DNA

a history of embryology

Pheromone Communication in
Moths

The Social Biology of Microbial
Communities

Marine fishes represent

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astonishing diversity with respect to practically every aspect of their biology. Reproductive modes and sexual patterns are especially fascinating and provide deep insight

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into general evolutionary problems. In this volume, chapters focus on reproduction and sexuality among groups of fishes defined by habitat, taxon, and the reproductive

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processes that are critical for reproductive success. The book illustrates how knowledge of reproductive biology among marine fishes can help identify vulnerable

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and potentially vulnerable species in the face of changing environmental conditions and increasing human-based pressures.

Animal Agriculture:
Sustainability, Challenges

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and Innovations discusses the land-based production of high-quality protein by livestock and poultry and how it plays an important role in improving human nutrition, growth and

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health. With exponential growth of the global population and marked rises in meat consumption per capita, demands for animal-source protein are expected to increase 72%

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between 2013 and 2050.
This raises concerns about
the sustainability and
environmental impacts of
animal agriculture. An
attractive solution to
meeting increasing needs

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for animal products and mitigating undesirable effects of agricultural practices is to enhance the efficiency of animal growth, reproduction, and lactation. Currently,

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there is no resource that offers specific knowledge of both animal science and technology, including biotechnology for the sustainability of animal agriculture for the

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expanding global demand of food in the face of diminishing resources. This book fills that gap, giving readers all the necessary information on important issues facing

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modern animal agriculture,
namely its sustainability,
challenges and innovative
solutions. Integrates new
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and management Addresses
the urgent issue of
sustainability in modern
animal agriculture
Provides practical
solutions on how to solve
the current and future

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problems that face animal
agriculture worldwide
"On the Generation of
Animals" from Aristotle.
Aristotle (384 BC - 322
BC) was a Greek
philosopher, a student of

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Plato and teacher of
Alexander the Great.

When the The Dinosauria
was first published more
than a decade ago, it was
hailed as "the best
scholarly reference work

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available on dinosaurs"
and "an historically
unparalleled compendium of
information." This second,
fully revised edition
continues in the same vein
as the first but

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encompasses the recent spectacular discoveries that have continued to revolutionize the field. A state-of-the-science view of current world research, the volume includes

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comprehensive coverage of
dinosaur systematics,
reproduction, and life
history strategies,
biogeography, taphonomy,
paleoecology,
thermoregulation, and

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extinction. Its
internationally renowned
authors—forty-four
specialists on the various
members of the
Dinosauria—contribute
definitive descriptions

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and illustrations of these magnificent Mesozoic beasts. The first section of The Dinosauria begins with the origin of the great clade of these fascinating reptiles,

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followed by separate coverage of each major dinosaur taxon, including the Mesozoic radiation of birds. The second part of the volume navigates through broad areas of

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interest. Here we find comprehensive documentation of dinosaur distribution through time and space, discussion of the interface between geology and biology, and

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the paleoecological inferences that can be made through this link. This new edition will be the benchmark reference for everyone who needs authoritative information

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on dinosaurs.

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Sex in Science and Popular
Culture

The Trouble with Nature

#1 NEW YORK TIMES

BESTSELLER • “The story of modern
medicine and bioethics—and, indeed,

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race relations—is refracted beautifully,
and movingly.”—Entertainment Weekly

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Independent (U.K.) • Times (U.K.) •
Publishers Weekly • Library Journal •
Kirkus Reviews • Booklist • Globe
and Mail Her name was Henrietta
Lacks, but scientists know her as HeLa.
She was a poor Southern tobacco
farmer who worked the same land as

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her slave ancestors, yet her cells—taken without her knowledge—became one of the most important tools in medicine: The first “immortal” human cells grown in culture, which are still alive today, though she has been dead for more than sixty years. HeLa cells were

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vital for developing the polio vaccine; uncovered secrets of cancer, viruses, and the atom bomb's effects; helped lead to important advances like in vitro fertilization, cloning, and gene mapping; and have been bought and sold by the billions. Yet Henrietta

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Lacks remains virtually unknown,
buried in an unmarked grave.

Henrietta's family did not learn of her
"immortality" until more than twenty
years after her death, when scientists
investigating HeLa began using her
husband and children in research

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without informed consent. And though the cells had launched a multimillion-dollar industry that sells human biological materials, her family never saw any of the profits. As Rebecca Skloot so brilliantly shows, the story of the Lacks family—past and present—is

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inextricably connected to the dark history of experimentation on African Americans, the birth of bioethics, and the legal battles over whether we control the stuff we are made of. Over the decade it took to uncover this story, Rebecca became enmeshed in the lives

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of the Lacks family—especially
Henrietta's daughter Deborah.

Deborah was consumed with questions:
Had scientists cloned her mother? Had
they killed her to harvest her cells?
And if her mother was so important to
medicine, why couldn't her children

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afford health insurance? Intimate in feeling, astonishing in scope, and impossible to put down, *The Immortal Life of Henrietta Lacks* captures the beauty and drama of scientific discovery, as well as its human consequences.

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"The discussions of genetic determinism, prenatal genetic testing, eugenics, and gender identity are particularly informative, stimulating, clearly spelled out, and comprehensible to lay readers as well as professionals."—Solomon A. Kaplan,

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MD, Professor Emeritus, Mattel Children's Hospital at UCLA "If you read one book about the human genome, this is it! An extraordinary thoughtful, readable and myth-busting contribution to understanding our future. I loved it!"—Donna E. Shalala,

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former U.S. Secretary of Health and
Human Services

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

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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

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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

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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

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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,

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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.

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Barron's Let's Review Regents: Living Environment gives students the step-by-step review and practice they need to prepare for the Regents exam. This updated edition is an ideal companion to high school textbooks and covers all Biology topics prescribed by the New

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York State Board of Regents. All Regents test dates for 2020 have been canceled. Currently the State Education Department of New York has released tentative test dates for the 2021 Regents. The dates are set for January 26-29, 2021, June 15-25, 2021, and

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August 12-13th. You'll get one recent Regents exam and question set with explanations of answers and wrong choices. The edition also features teachers' guidelines for developing New York State standards-based learning units. Two comprehensive

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study units cover the following material: Unit One explains the process of scientific inquiry, including the understanding of natural phenomena and laboratory testing in biology Unit Two focuses on specific biological concepts, including cell function and

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structure, the chemistry of living organisms, genetic continuity, the interdependence of living things, the human impact on ecosystems, and several other pertinent topics Looking for additional review? Check out Barron's Regents Living Environment

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How Evolution Has Shaped Women's

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Health

Building a Better Race

Melanesian Reflections on Life and
Biotechnology

30 Days of Practice Question Sets with
Answers and Explanations (Blue
Cover)

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One Day at a Time: Questions for
Exam Practice

Reproducing Empire

Common among moths is a mate-finding system in which females emit a pheromone that induces males to fly upwind along the pheromone plume. Since the

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chemical pheromone of the domesticated silk moth was identified in 1959, a steady increase in the number of moth species whose pheromone attractants have been identified now results in a rich base for review and synthesis. Pheromone Communication in

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Moths summarizes moth pheromone biology, covering the chemical structures used by the various lineages, signal production and perception, the genetic control of moth pheromone traits, interactions of pheromones with host-plant volatiles, pheromone

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dispersal and orientation, male pheromones and courtship, and the evolutionary forces that have likely shaped pheromone signals and their role in sexual selection. Also included are chapters on practical applications in the control and monitoring of pest species as well

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as case studies that address pheromone systems in a number of species and groups of closely allied species. Pheromone Communication in Moths is an invaluable resource for entomologists, chemical ecologists, pest-management scientists, and

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**professionals who study
pheromone communication and
pest management.**

**We idealize childhood and
demonize adolescence, often
viewing the typical teenager as a
bundle of problems. Yet according
to a new book, *The Teen Years***

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Explained: A Guide to Healthy Adolescent Development, by Clea McNeely, MPH, DrPH and Jayne Blanchard, adolescence can be a time of opportunity, not turmoil. By understanding the developmental stages and changes of adolescence, both teens and adults

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can get the most out of this second decade of life. In plain English, this guide incorporates the latest scientific findings about physical, emotional, cognitive, identity formation, sexual and spiritual development with tips and strategies on how to use this

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information in real-life situations involving teens. Whether you have five minutes or five hours, you will find something useful in this book. This practical and colorful guide to healthy adolescent development is an essential resource for parents, teens, and all people who work with

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young people.

In spite of the fact that the process of meiosis is fundamental to inheritance, surprisingly little is understood about how it actually occurs. There has recently been a flurry of research activity in this area and this volume summarizes

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the advances coming from this work. All authors are recognized and respected research scientists at the forefront of research in meiosis. Of particular interest is the emphasis in this volume on meiosis in the context of gametogenesis in higher eukaryotic organisms,

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backed up by chapters on meiotic mechanisms in other model organisms. The focus is on modern molecular and cytological techniques and how these have elucidated fundamental mechanisms of meiosis. Authors provide easy access to the

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literature for those who want to pursue topics in greater depth, but reviews are comprehensive so that this book may become a standard reference. Key Features *
Comprehensive reviews that, taken together, provide up-to-date coverage of a rapidly moving field *

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Features new and unpublished information * Integrates research in diverse organisms to present an overview of common threads in mechanisms of meiosis * Includes thoughtful consideration of areas for future investigation

A biologist and an anthropologist

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use evolutionary biology to explain the causes and inform the prevention of rape. In this controversial book, Randy Thornhill and Craig Palmer use evolutionary biology to explain the causes of rape and to recommend new approaches to its prevention.

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According to Thornhill and Palmer, evolved adaptation of some sort gives rise to rape; the main evolutionary question is whether rape is an adaptation itself or a by-product of other adaptations. Regardless of the answer, Thornhill and Palmer note, rape circumvents

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a central feature of women's reproductive strategy: mate choice. This is a primary reason why rape is devastating to its victims, especially young women. Thornhill and Palmer address, and claim to demolish scientifically, many myths about rape bred by social science

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theory over the past twenty-five years. The popular contention that rapists are not motivated by sexual desire is, they argue, scientifically inaccurate. Although they argue that rape is biological, Thornhill and Palmer do not view it as inevitable. Their recommendations

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for rape prevention include teaching young males not to rape, punishing rape more severely, and studying the effectiveness of "chemical castration." They also recommend that young women consider the biological causes of rape when making decisions about

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dress, appearance, and social activities. Rape could cease to exist, they argue, only in a society knowledgeable about its evolutionary causes. The book includes a useful summary of evolutionary theory and a comparison of evolutionary

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biology's and social science's explanations of human behavior. The authors argue for the greater explanatory power and practical usefulness of evolutionary biology. The book is sure to stir up discussion both on the specific topic of rape and on the larger

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**issues of how we understand and
influence human behavior.**

An Evolutionary Perspective

Animal Agriculture

Artificial Parthenogenesis and

Fertilization

Sertoli Cell Biology

A Natural History of Rape

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Frogfishes

**The Immortal Life of Henrietta
Lacks**

Beginning with the germ theory of disease in the 19th century and extending through most of the 20th century, microbes were believed to live their lives as

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solitary, unicellular, disease-causing organisms . This perception stemmed from the focus of most investigators on organisms that could be grown in the laboratory as cellular monocultures, often dispersed in liquid, and under ambient

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conditions of temperature, lighting, and humidity. Most such inquiries were designed to identify microbial pathogens by satisfying Koch's postulates.³ This pathogen-centric approach to the study of microorganisms produced a metaphorical "war"

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against these microbial invaders waged with antibiotic therapies, while simultaneously obscuring the dynamic relationships that exist among and between host organisms and their associated microorganisms-only a tiny fraction of which act as

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pathogens. Despite their obvious importance, very little is actually known about the processes and factors that influence the assembly, function, and stability of microbial communities. Gaining this knowledge will require a seismic shift away from the study

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of individual microbes in isolation to inquiries into the nature of diverse and often complex microbial communities, the forces that shape them, and their relationships with other communities and organisms, including their multicellular hosts.

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On March 6 and 7, 2012, the Institute of Medicine's (IOM's) Forum on Microbial Threats hosted a public workshop to explore the emerging science of the "social biology" of microbial communities. Workshop presentations and discussions

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embraced a wide spectrum of topics, experimental systems, and theoretical perspectives representative of the current, multifaceted exploration of the microbial frontier. Participants discussed ecological, evolutionary, and genetic factors

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*contributing to the assembly,
function, and stability of microbial
communities; how microbial
communities adapt and respond
to environmental stimuli;
theoretical and experimental
approaches to advance this
nascent field; and potential*

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applications of knowledge gained from the study of microbial communities for the improvement of human, animal, plant, and ecosystem health and toward a deeper understanding of microbial diversity and evolution. The Social Biology of Microbial

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Communities: Workshop

Summary further explains the happenings of the workshop.

Peacock Bass: Diversity, Ecology, and Conservation is a unique scientific reference that describes not only the diversity and natural history of the various peacock

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bass species (fish in the genus Cichla) but also their geographic distributions, evolutionary relationships, ecology, and economic importance. Peacock bass are the most popular sport fish pursued by recreational anglers in tropical freshwaters,

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and they support important fisheries in rivers and lakes in their native South America as well as other regions of the world where they have been introduced. The book is written in clear prose that allows any reader to appreciate key features of the

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morphology, population genetics, and reproductive biology of these colorful tropical freshwater fish. Each chapter begins with a vignette introducing an aspect of peacock bass taxonomy, ecology, or conservation based on a personal account from one of the

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authors. Also included are color photographs of peacock bass, their habitats, other tropical fishes, and the diverse wildlife encountered in rivers and forests of the Neotropics. Photographic guides and detailed descriptions of coloration patterns are

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provided for species identification, along with distribution maps and essential information related to fisheries management and the economic importance of peacock bass. Biologists interested in zoogeography and the ecological

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role peacock bass play as major predators in biodiverse rivers and lakes will find summaries of the latest information. Peacock bass have grown in popularity among aquarists, and the book provides basic information about captive care and environmental

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conditions in their natural habitats. This book is essential reading for biologists, fisheries managers, anglers, naturalists, and aquarists interested in these remarkable fish and the diverse tropical rivers they inhabit. Includes beautiful color

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*photographs taken during field
research Presents research
vignettes to engage both
scientists and laypersons
Discusses feeding, cannibalism
and effects on food webs Provides
field maps and diagrams
The story of human evolution has*

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been told hundreds of times, each time with a focus that seems most informative of the teller. No matter how it is told the primary characters are rarely mothers and infants. Darwin argued survival, but today we know that reproduction is what evolution is

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all about. Centering on this, Trevathan focuses on birth, which gives the study of human evolution a crucial new dimension. Unique among mammals, humans are bipedal. The evolution of bipedalism required fundamental changes in

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the pelvis and resulted in a narrow birth canal. Humans are also large-brained animals, which means that birth is much more challenging for our species than for most other animals. The result of this mismatch of large head and narrow pelvis is that women

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are highly dependent on assistance at birth and their babies are born in an unusually undeveloped state when the brain is still small. Human Birth discusses how the birth process has evolved and ways in which human birth differs from birth in

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all other mammals. Human Birth is also concerned with mother-infant interaction immediately after birth. While working as a midwife trainee, Trevathan carefully documented the births of more than one hundred women and recorded maternal and infant

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behaviors during the first hour after birth. She suggests ways in which the interactions served not only to enhance mother-infant bonding, but also to ensure survival in the evolutionary past. With clarity and compelling logic Trevathan argues that modern

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birth practices often fail to meet evolved needs of women and infants and suggests changes that could lead to better birth experiences. This paperback edition includes a new introduction by the author.

"The Organism as a Whole, from a

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Physicochemical Viewpoint" by Jacques Loeb. Published by Good Press. Good Press publishes a wide range of titles that encompasses every genre. From well-known classics & literary fiction and non-fiction to forgotten—or yet undiscovered

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gems—of world literature, we issue the books that need to be read. Each Good Press edition has been meticulously edited and formatted to boost readability for all e-readers and devices. Our goal is to produce eBooks that are user-friendly and accessible to

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everyone in a high-quality digital format.

Concepts of Biology

The Dinosauria

Workshop Summary

Biology

The Living Environment

Biodiversity, Zoogeography, and

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Behavioral Ecology

Peacock Bass

Unmasking the mysteries of frogfish evolution and phylogenetic relationships through close examination of their fossil record, morphology, and molecular reconstruction, Frogfishes demonstrates the surprising diversity and beauty of this

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remarkable assemblage of marine shorefishes.

Original and compelling, Laura Briggs's Reproducing Empire shows how, for both Puerto Ricans and North Americans, ideologies of sexuality, reproduction, and gender have shaped relations between the island and the mainland. From science to

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public policy, the "culture of poverty" to overpopulation, feminism to Puerto Rican nationalism, this book uncovers the persistence of concerns about motherhood, prostitution, and family in shaping the beliefs and practices of virtually every player in the twentieth-century drama of Puerto Rican

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colonialism. In this way, it sheds light on the legacies haunting contemporary debates over globalization. Puerto Rico is a perfect lens through which to examine colonialism and globalization because for the past century it has been where the United States has expressed and fine-tuned its attitudes toward its own

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expansionism. Puerto Rico's history holds no simple lessons for present-day debate over globalization but does unearth some of its history. Reproducing Empire suggests that interventionist discourses of rescue, family, and sexuality fueled U.S. imperial projects and organized American colonialism. Through the politics, biology,

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and medicine of eugenics, prostitution, and birth control, the United States has justified its presence in the territory's politics and society. Briggs makes an innovative contribution to Puerto Rican and U.S. history, effectively arguing that gender has been crucial to the relationship between the United States and

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Puerto Rico, and more broadly, to U.S. expansion elsewhere.

In Ancient Bodies, Modern Lives, anthropologist Wenda Trevathan explores a range of women's health issues, with a specific focus on reproduction, that may be viewed through an evolutionary lens. Trevathan illustrates the power and

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potential of examining the human life cycle from an evolutionary perspective, and how such an approach could help improve both our understanding of women's health and our ability to respond to health challenges in creative and effective ways.

Breakthroughs in genetics present us with

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a promise and a predicament. The promise is that we will soon be able to treat and prevent a host of debilitating diseases. The predicament is that our newfound genetic knowledge may enable us to manipulate our nature—to enhance our genetic traits and those of our children. Although most people find at

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*least some forms of genetic engineering
disquieting, it is not easy to articulate
why. What is wrong with re-engineering
our nature? The Case against Perfection
explores these and other moral quandaries
connected with the quest to perfect
ourselves and our children. Michael
Sandel argues that the pursuit of*

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perfection is flawed for reasons that go beyond safety and fairness. The drive to enhance human nature through genetic technologies is objectionable because it represents a bid for mastery and dominion that fails to appreciate the gifted character of human powers and achievements. Carrying us beyond

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familiar terms of political discourse, this book contends that the genetic revolution will change the way philosophers discuss ethics and will force spiritual questions back onto the political agenda. In order to grapple with the ethics of enhancement, we need to confront questions largely lost from view in the modern world. Since

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these questions verge on theology, modern philosophers and political theorists tend to shrink from them. But our new powers of biotechnology make these questions unavoidable. Addressing them is the task of this book, by one of America's preeminent moral and political thinkers.

Evolution, Behavior, and Application

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*Reproduction and Sexuality in Marine
Fishes*

On the Generation of Animals

Diversity, Ecology and Conservation

Resources in Education

Biology Unmoored

Biological Essays

Offers test-taking tips and

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strategies, with a review of material most likely to be covered on the test.

Presents study tools for the New York Regents Exam in Living Environment, including test-taking tips and strategies and

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approximately 150 practice questions and three actual Regents exams with explained answers.

Evaluating Human Genetic Diversity

Biological Bases of Sexual

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Coercion

The Teen Years Explained

The Case against Perfection

The Organism as a Whole, from
a Physicochemical Viewpoint