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Biología y biotecnología reproductiva de las plantas-José María Seguí Simarro 2010

Biotecnología de la Reproducción-Gustavo A. Palma 2001

'Brachiaria' : biología, agronomía y mejoramiento-John W. Miles 1998 Morfología, taxonomía y distribución natural de Brachiaria. Variación natural en Brachiaria y bancos de germoplasma existentes. Agronomía y fisiología de las especies de Brachiaria . Requerimientos nutricionales y adaptación a los suelos acidos de especies de Brachiaria. reciclaje de nutrimentos e impacto ambiental de las pasturas de Brachiaria. Plagas y enfermedades de las especies de Brachiaria. Calidad nutricional y producción animal en las pasturas de Brachiaria. Fisiología reproductiva, producción de semilla y calidad de la semilla en el género Brachiaria. Producción de semillas: el punto de vista del sector privado Brasileño. Genética, citogenética y biología reproductiva de Brachiaria. Manipulación de la apomixis en el mejoramiento de brachiaria. Potencial teorico de los métodos biotecnologicos en el mejoramiento de cultivos. Aplicaciones de la biotecnología al género Brachiaria. Experiencia regional com brachiaria: región de América Tropical tierras bajas húmedas. Experiencia regional com Brachiaria: región de América Tropical - Sabanas. Experiencia regional com Brachiaria: Africa al sur del sáhara. Experiencia regional com Brachiaria: Asia, el Pacifico Sur y Australia. Informes de los grupos de trabajo.

Introduction to Biotechnology-William J. Thieman 2013-11-01 Thoroughly updated for currency and with exciting new practical examples throughout, this popular text provides the tools, practice, and basic knowledge for success in the biotech workforce. With its balanced coverage of basic cell and molecular biology, fundamental techniques, historical accounts, new advances, and hands-on applications, the Third Edition emphasizes the future of biotechnology and the biotechnology student's role in that future. Two new features-Forecasting the Future, and Making a Difference-along with several returning hallmark features, support the new focus.

Principles of Medical Biochemistry E-Book-Gerhard Meisenberg 2011-04-15 Principles of Medical Biochemistry condenses the information you need into a comprehensive, focused, clinically-oriented textbook. Drs. Gerhard Meisenberg and William H. Simmons covers the latest developments in the field, including genome research, the molecular basis of genetic diseases, techniques of DNA sequencing and molecular diagnosis, and more. An updated and expanded collection of figures and access to USMLE test questions, clinical case studies, more online at www.studentconsult.com make this the ideal resource for understanding all aspects of biochemistry needed in medicine. Access the complete contents online at www.studentconsult.com, with downloadable illustrations, 150 USMLE-style test questions, 20 clinical case studies, chapter summaries, and integration links to related subjects. Understand biochemistry, cell biology, and genetics together in context through an integrated approach. Get only the information you need for your course with comprehensive yet focused coverage of relevant topics. Review and reinforce your learning using the glossary of technical terms, highlighted in the text and with interactive features online. Tap into the most up-to-date coverage of new developments in genome research, the molecular basis of genetic diseases, techniques of DNA sequencing and molecular diagnosis, RNA interference as a mechanism both for regulation of gene expression and for anti-viral defense, and more. Gain a clear visual understanding through new and updated figures that provide current and relevant guidance. Make the link between basic science and clinical medicine with new Clinical Example boxes in nearly every chapter.

Medical Genetics-Lynn B. Jorde 2006 'Medical Genetics' offers up-to-date information on modern genetics. This comprehensive study includes the latest findings from genetic research and how that knowledge can be used in clinical practice.

Biología, Ecología e Investigación Sobre el Langostino de Río Macrobrachium carcinus. Linnaeus, 1758.-Mario Alfredo Benítez Mandujano 2012-02-16 El langostino de río Macrobrachium carcinus conocido comúnmente como pigüa representa un recurso de importancia ecológica, pesquera y por lo tanto económica, con potencial acuícola por su alto precio y demanda insatisfecha en el mercado nacional e internacional. Estos organismos son muy apreciados en todas las áreas de su distribución natural desde la Florida (USA) hasta Brasil. La especie está caracterizada por la presencia grandes quelas y gran proporción de su cuerpo que es comestible y de sabor agradable. Los machos adultos pueden llegar a pesar hasta 1 kg y las hembras hasta 300 gr. La presión de pesca originada por una captura sin regulación en todas las áreas de su distribución natural pone en riesgo su pesquería, lo que hace necesario desarrollar investigaciones que permitan la reproducción controlada de la especie con el propósito de poder realizar su cultivo. En algunos países como Venezuela y Brasil la especie se encuentra amenazada, requiriéndose dejar de pescar la especie a fin de que sus poblaciones naturales se puedan recuperar e incrementar los stocks pesqueros. En el estado de Tabasco México se le captura durante todo el año, principalmente en la temporada de lluvias en los meses de Mayo, Junio, Julio y Agosto, coincidiendo estas capturas con su migración natural de reproducción hacia la zona estuarina del Golfo de México, donde las larvas de esta especie alcanzan el estado de juvenil y posteriormente migran río arriba. En este sentido, la importancia ecológica y comercial de la especie hace necesario investigar los parámetros biotecnológicos que permitan resolver el problema de la baja supervivencia larval, donde se presenta el cuello de botella y que no ha permitido al momento dar pasos firmes a fin de implementar su cultivo.

Human Embryology & Developmental Biology-Bruce M. Carlson 1999 For the latest information about embryological development, turn to HUMAN EMBRYOLOGY AND DEVELOPMENTAL BIOLOGY. This comprehensive, clearly written textbook emphasizes the molecular basis of human embryological development, explaining the "why" in addition to the "how." Many full-color clinical photographs and illustrations stress the function of embryological structures and the progression of development. All information has been updated to include the most current research findings and contemporary clinical applications. Chapter summaries and review questions aid in students' learning. This edition includes new clinical photographs, Clinical Correlation boxes, and clinical vignettes. Discusses development in terms of activity at the molecular and cellular level to explain embryological development, instead of just describing structure and function. Includes over 300 color drawings in striking detail, drawn in accordance with the universally-accepted embryological color code for more realistic representation. Contains end-of-chapter questions to provide quick review of the most important concepts for better comprehension. Features chapter summaries of the key concepts to reinforce comprehension and encourage student self-assessment. Uses boldface key terms to emphasize the terms and concepts that students most need to know. Features a clear, concise, understandable narrative that focuses on the progression of development to provide easy comprehension of difficult and complex material. Provides many full color photographs of clinical conditions. Spanish version also available, ISBN: 84-8174-471-9

Contactos- 2001

The Origin of Species-Charles Darwin 2019-01-15T04:52:30Z The Origin of Species by Charles Darwin must rank as one of the most influential and consequential books ever published, initiating scientific, social and religious ferment ever since its first publication in 1859. Its full title is The Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life, in some editions prefaced by the word “On.” Darwin describes the book as simply an “abstract” of his ideas, which are more fully fleshed out and

supported with detailed examples in his other, more scholarly works (for example, he wrote several long treatises entirely about barnacles). The Origin of Species itself was intended to reach a wider audience and is written in such a way that any reasonably educated and thoughtful reader can follow Darwin’s argument that species of animals and plants are not independent creations, fixed for all time, but mutable. Species have been shaped in response to the effects of natural selection, which Darwin compares to the directed or manual selection by human breeders of domesticated animals. The Origin of Species was eagerly taken up by the reading public, and rapidly went through several editions. This Standard Ebooks edition is based on the sixth edition published by John Murray in 1872, generally considered to be the definitive edition with many amendments and updates by Darwin himself. The Origin of Species has never been out of print and continues to be an extremely popular work. Later scientific discoveries such as the breakthrough of DNA sequencing have refined our concept of some of Darwin’s ideas and given us a better understanding of issues he found puzzling, but the basic thrust of his theory remains unchallenged. This book is part of the Standard Ebooks project, which produces free public domain ebooks.

Tras la biología-Joan Bestard 2004 Ante los debates en torno a las tecnologías de la reproducción humana, el autor plantea una pregunta básicamente etnográfica ¿Cómo la gente experimenta y da sentido a estas tecnologías? Para resolver la cuestión analiza diferentes aspectos de las relaciones de parentesco en contextos de la reproducción asistida, desde la fragilidad vivida de los hechos de la reproducción, la incertidumbre ante los conocimientos de la reproducción, hasta las conexiones cambiantes que se establecen entre naturaleza y cultura. Resalta el aspecto de mediación de los conocimientos del parentesco como uno de los principales instrumentos que tiene la gente para pensar y dar sentido a las tecnologías de la reproducción ¿Cómo dar sentido a un gameto? ¿Cómo entender la filiación a través de las donaciones? ¿Cómo entender la herencia? ¿Cómo comprender las posibilidades que la nueva genética nos proporciona? Se pregunta por las implicaciones de las tecnologías para analizar cómo la gente piensa las relaciones de parentesco del futuro ¿Qué sucede cuando la "sustancia biogenética" es el resultado de los "hechos de la reproducción asistida", es decir, cuando la biología de la reproducción es asistida por la tecnología? ¿Cuáles son las transformaciones de las relaciones de parentesco actuales? Estableciendo un diálogo con las nuevas teorías del parentesco, analiza los valores que sustentan las prácticas de las relaciones de parentesco ¿Cómo las tecnologías de reproducción humana son un elemento para pensar y hacer explícitos valores surgidos a partir de la división moderna entre naturaleza y cultura? ¿Qué sucede a la cultura cuando la naturaleza es asistida? ¿Qué pueden decirnos otros sistemas de parentesco que no se fundamentan en la división entre naturaleza y cultura?

Yearbook of International Organizations 2010/2011-Union of International Associations 2010-08-13 Yearbook of International Organizations is the most comprehensive reference resource and provides current details of international non-governmental (NGO) and intergovernmental organizations (IGO). Collected and documented by the Union of International Associations (UIA), detailed information on international organizations worldwide can be found here. Besides historical and organizational information, details on activities, events or publications, contact details, biographies of the leading individuals as well as the presentation of networks of organizations are included.

La conformación de comunidades científicas en Colombia-Misión de Ciencia y Tecnología 1990

La manipulación Genética-Palmira Peláez Fernández 2017-11-02 Hablar de Bioética hoy es ahondar y «tocar» problemas vitales y hacer que la Ética y el Derecho aterricen en situaciones concretas y trascendentes para la sociedad. Las reflexiones manifestadas en algunas publicaciones corren el riesgo de abrir la espita del debate y de la polémica fútiles, o, por el contrario, tienen la virtud de iniciar un diálogo y una deliberación abiertos a la reflexión desde argumentaciones serias y científicas. Cuando nos presentamos ante un título como éste bajo el que nos encontramos, donde se encuentran palabras atemorizantes como son manipulación genética y eugenesia, no resulta fácil que la fundamentación teórica vaya al mismo ritmo que la sociedad. Lo normal es que lleven pasos distintos y no acompasados. Cuando ante una profesora que es capaz de aunar reflexión teórica y realidad, afrontando temas de rabiosa actualidad, con gran dominio de la temática y de una manera ágil y profunda, nos sentimos gratamente sorprendidos. Si, además, esta profesional ha sido alumna de los cursos de especialización que uno ha dirigido en la UNED y está inscrita en la Escuela de Doctorado de la misma Universidad y como consecuencia de sus investigaciones ha surgido la obra actual, no queda más remedio que sentirse satisfecho y orgulloso por presenciar el nacimiento de una obra que es fruto académico indirecto del propio trabajo y del de aquellos que bajo el paraguas de mi docencia se han iniciado en el proceloso mar de la investigación bioética y biojurídica. Desde el título, La manipulación genética, una nueva forma de eugenesia, ya se nos lanza el interrogante de si se puede considerar la manipulación genética como una herramienta para proceder a aplicar la eugenesia. En el texto se nos invita a huir de un catastrofismo exagerado, cuando se afirma que «las terapias génicas no son en sí mismas perjudiciales, aunque éstas tengan como finalidad una mejora o un perfeccionamiento de la persona...», pero también se señala el peligro que está en el trasfondo de esta problemática «el verdadero problema de ellas es que se utilicen con fines discriminatorios». Éste es el auténtico conflicto ético que surge alrededor de toda la biotecnología, que todas las acciones que se lleven a cabo con esas técnicas se realicen atentando a los valores y derechos que afectan a la dignidad de la persona. También se parte de una afirmación innegable, todo avance en las técnicas y tecnologías que tiene que ver con la biología y la sanidad suponen una mejora para el ser humano, en una línea o en otra. Por tanto, se podría afirmar que cualquier avance en estos campos supone eugenesia. De ahí que la autora ha intentado desde un primer momento clarificar los conceptos, pero también hacernos ver que el término eugenesia no tiene un contenido negativo sin más. Por otra parte, el libro concluye con una afirmación un tanto evidente que podemos tomarla como conclusiva de toda esta investigación: «el progreso continuará... hay que intentar hacerlo lo mejor posible para todos». No por ser evidente es menos cierto, lo importante es que la gran mayoría si no es posible que seamos todos, debemos salir beneficiados. Pero, desde luego, habrá que evitar siempre que alguien o una minoría salgan discriminados o perjudicados en sus derechos. Por tanto, lo que está en juego son los derechos de las personas, repito, ése es el gran reto que debe plantearse la biotecnología en general y la manipulación genética en particular. Por principio, no se podrá usar ninguna de ellas para atentar contra los derechos subjetivos de los integrantes de nuestras sociedades, ni de las generaciones futuras. Luego habrá que analizar qué intereses y derechos entran en conflicto, así como los bienes protegidos o a proteger. Por otra parte, nos encontramos con una publicación muy bien sistematizada y estructurada. Se parte de una revisión de los términos, para profundizar en el concepto de eugenesia. En un tercer paso se relacionan los conceptos de eugenesia y manipulación genética bajo la iluminación de la ética y del derecho y, por último, finalizar con las conclusiones de la investigación. La sensación final al terminar la lectura de esta obra es de satisfacción por haber tenido la oportunidad de ver los frutos de varias investigaciones y a la vez contemplar el nacimiento de la obra novel de una investigadora.

Human Enhancement-Julian Savulescu 2009-01-22 Human enhancement has risen into prominence as a topic in practical ethics and in public debates about the appropriate focus of biomedical research.This book features original contributions from many of the world's leading ethicists and moral thinkers working on these questions, representing a wide range of perspectives--from both the East and the West, from both booster and knockers and sceptics and moderates, with an emphasis on carefulanalytic work. Julian Savulescu and Nick Bostrom thus present a unique snapshot of the state of the debate. This is a must-read for anybody who wishes to have an informed opinion on these matters.

The Mechanism of Mendelian Heredity-Thomas Hunt Morgan 1922

Bears of the World-Vincenzo Penteriani 2020-11-26 Bears have fascinated people since ancient times. The relationship between bears and humans dates back thousands of years, during which time we have also competed with bears for shelter and food. In modern times, bears have come under pressure through encroachment on their habitats, climate change, and illegal trade in their body parts, including the Asian bear bile market. The IUCN lists six bears as vulnerable or endangered, and even the least concern species, such as the brown bear, are at risk of extirpation in certain countries. The poaching and international trade of these most threatened populations are prohibited, but still ongoing. Covering all bears species worldwide, this beautifully illustrated volume brings together the contributions of 200 international bear experts on the ecology, conservation status, and management

of the Ursidae family. It reveals the fascinating long history of interactions between humans and bears and the threats affecting these charismatic species.

Finance for Development-Barbara Stallings 2006-03-08 Access to finance is critical in setting the course for development in emerging market economies. In this innovative study, which provides the first book-length analysis of the Latin American financial sector, Barbara Stallings and Rogerio Studart examine the dramatic changes resulting from financial liberalization in the region. The authors begin by discussing the critical transformations taking place in Latin America since 1990—a period marked by acceleration toward a new open, market-oriented development model, and away from a semi-closed model relying heavily on the state. Stallings and Studart examine changes in ownership of the financial sector and government regulation of banking, evaluate the role of capital markets as a source of finance, and compare Latin America's financial sector to that of East Asia. The second section of the book features case studies that demonstrate the changes occurring in Chile, Mexico, and Brazil with particular reference to finance for investment and access to credit. The authors conclude with a set of policy recommendations aimed at strengthening Latin American banks and capital markets so that they can play a greater role in supporting economic development.

Milenio- 2008

Historia y sociedad- 2005

Medical Biochemistry E-Book-John W Baynes 2018-01-03 Now fully revised, this acclaimed textbook efficiently links basic biochemistry with the day-to-day practice of medicine. You will learn basic science concepts and see them illustrated by clinical cases that describe patients you will likely encounter in your clinical training. You will also learn about the use of laboratory tests to diagnose and monitor the most important conditions. Brought to you in a thorough yet accessible manner, this new edition of Medical Biochemistry highlights the latest developments in regulatory and molecular biology, signal transduction, biochemistry and biomarkers of chronic disease, and bioinformatics and the ‘-omics’. It highlights the most important global medical issues: diabetes mellitus, obesity and malnutrition, cancer and atherosclerotic cardiovascular disease, and addresses the role of nutrition and exercise in medicine. Featuring a team of expert contributors that includes investigators involved in cutting-edge research as well as experienced clinicians, this book offers a unique combination of research and clinical practice tailored to today’s integrated courses. Read organ-focused chapters addressing the biochemistry of the bone, kidney, liver, lungs and muscle; and system-focused ones addressing the biochemistry of the immune and endocrine systems, neurochemistry and neurotransmission, and cancer

Comercio e industria- 2000

Biology-Cecie Starr 2005-11 Highlights the connections between biology and real-life. This book offers online exercises to promote critical thinking about issues students face as consumers, parents and citizens. It offers diagnostic quizzes with automatically graded results that flow directly into instructor gradebook (iLrn, WebCT or BlackBoard).

It Ain't Necessarily So-Richard C. Lewontin 2001 Is our nature—as individuals, as a species—determined by our evolution and encoded in our genes? If we unravel the protein sequences of our DNA, will we gain the power to cure all of our physiological and psychological afflictions and even to solve the problems of our society? Today biologists—especially geneticists—are proposing answers to questions that have long been asked by philosophy or faith or the social sciences. Their work carries the weight of scientific authority and attracts widespread public attention, but it is often based on what the renowned evolutionary biologist Richard Lewontin identifies as a highly reductive misconception: "the pervasive error that confuses the genetic state of an organism with its total physical and psychic nature as a human being." In these nine essays covering the history of modern biology from Darwin to Dolly the sheep, all of which were originally published in The New York Review of Books, Lewontin combines sharp criticisms of overreaching scientific claims with lucid expositions of the exact state of current scientific knowledge—not only what we do know, but what we don't and maybe won't anytime soon. Among the subjects he discusses are heredity and natural selection, evolutionary psychology and altruism, nineteenth-century naturalist novels, sex surveys, cloning, and the Human Genome Project. In each case he casts an ever-vigilant and deflationary eye on the temptation to look to biology for explanations of everything we want to know about our physical, mental, and social lives. These essays—several of them updated with epilogues that take account of scientific developments since they were first written—are an indispensable guide to the most controversial issues in the life sciences today. The second edition of this collection includes new essays on genetically modified food and the completion of the Human Genome Project. It is an indispensable guide to the most controversial issues in the life sciences today.

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)-United Nations Economic Commission for Europe 2015-06-19 The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) addresses classification and labelling of chemicals by types of hazards. It provides the basis for worldwide harmonization of rules and regulations on chemicals and aims at enhancing the protection of human health and the environment during their handling, transport and use by ensuring that the information about their physical, health and environmental hazards is available. The sixth revised edition includes, inter alia, a new hazard class for desensitized explosives and a new hazard category for pyrophoric gases; miscellaneous amendments intended to further clarify the criteria for some hazard classes (explosives, specific target organ toxicity following single exposure, aspiration hazard, and hazardous to the aquatic environment) and to complement the information to be included in section 9 of the Safety Data Sheet; revised and further rationalized precautionary statements; and an example of labelling of a small packaging in Annex 7.

Methods in Reproductive Aquaculture-Elsa Cabrita 2008-08-22 The large amount of information on fish reproduction available is not always readily accessible to all interested parties. Written to appeal to aquaculturalists, conservation managers, and scientific researchers, Methods in Reproductive Aquaculture provides an overview of available techniques and addresses ways to improve depleted stocks of endange

Netter Bases da Histologia-William K. Ovalle 2008-01-01 A visual guideline of histologic information essential for prospective physicians and other health care professionals. It aids students and specialists studying slides under a microscope and examining digitized images on a computer screen. It facilitates recognition and interpretation of microscopic sections and provides relevant frames of reference for understanding basic histologic principles. It helps clarify lectures, supplements standard textbooks, and provides a comprehensive review for course examinations. It also assists students in preparing for National Board and Licensing Examinations. Finally, the book is intended to awaken readers to both the intricacies of the human body and the sheer beauty of its cells, tissues and organ systems.

Frankenstein's Cat-Emily Anthes 2013-03-12 Winner of 2014 AAAS/Subaru SB&F Prize for Best Young Adult Science Book Longlisted for the PEN/E.O. Wilson Literary Science Writing Award One of Nature's Summer Book

Picks One of Publishers Weekly's Top Ten Spring 2013 Science Books For centuries, we've toyed with our creature companions, breeding dogs that herd and hunt, housecats that look like tigers, and teacup pigs that fit snugly in our handbags. But what happens when we take animal alteration a step further, engineering a cat that glows green under ultraviolet light or cloning the beloved family Labrador? Science has given us a whole new toolbox for tinkering with life. How are we using it? In Frankenstein's Cat, the journalist Emily Anthes takes us from petri dish to pet store as she explores how biotechnology is shaping the future of our furry and feathered friends. As she ventures from bucolic barnyards to a "frozen zoo" where scientists are storing DNA from the planet's most exotic creatures, she discovers how we can use cloning to protect endangered species, craft prosthetics to save injured animals, and employ genetic engineering to supply farms with disease-resistant livestock. Along the way, we meet some of the animals that are ushering in this astonishing age of enhancement, including sensor-wearing seals, cyborg beetles, a bionic bulldog, and the world's first cloned cat. Through her encounters with scientists, conservationists, ethicists, and entrepreneurs, Anthes reveals that while some of our interventions may be trivial (behold: the GloFish), others could improve the lives of many species—including our own. So what does biotechnology really mean for the world's wild things? And what do our brave new beasts tell us about ourselves? With keen insight and her trademark spunk, Anthes highlights both the peril and the promise of our scientific superpowers, taking us on an adventure into a world where our grandest science fiction fantasies are fast becoming reality.

Fundamentos de Mejoramiento Genético Vegetal-Axel Tiessen 2012-07 Para tener éxito en el mejoramiento genético no se necesita entender la estructura del DNA ni las implicaciones de la genómica o la metabolómica. Sin embargo, en un mundo competitivo en donde la rapidez, la eficiencia y la economía son aspectos que deben tomarse en cuenta, es necesario incorporar todas las herramientas que se han desarrollado en los últimos años para facilitar el trabajo y obtener mejores resultados. Es por ello que en este libro se decidió iniciar con los ácidos nucleicos y los fundamentos moleculares de la herencia. Partiendo de estas bases pretendemos acercarnos a los diferentes temas de genética, bioquímica y fisiología vegetal, temas relevantes para incrementar el rendimiento o la calidad de un cultivo.

Emery's Elements of Medical Genetics-Robert F. Mueller 2001 Today's medical student needs to understand the principles of genetics rather than accumulate detailed facts. This text explains the essential themes of medical genetics whilst remaining in control of the developments in this subject.

Tackling Climate Change Through Livestock-Food and Agriculture Organization of the United Nations 2013 Greenhouse gas emissions by the livestock sector could be cut by as much as 30 percent through the wider use of existing best practices and technologies. FAO conducted a detailed analysis of GHG emissions at multiple stages of various livestock supply chains, including the production and transport of animal feed, on-farm energy use, emissions from animal digestion and manure decay, as well as the post-slaughter transport, refrigeration and packaging of animal products. This report represents the most comprehensive estimate made to-date of livestock's contribution to global warming as well as the sectors potential to help tackle the problem. This publication is aimed at professionals in food and agriculture as well as policy makers.

Livestock Epigenetics-Hasan Khatib 2012-02-21 Livestock Epigenetics reviews advances in the understanding of the molecular basis of epigenetic mechanisms in gene expression in livestock species. Epigenetics impact many economically important traits from growth and development to more efficient reproduction and breeding strategies. The book opens with a broad introductory chapter that discusses the importance of an understanding of epigenetics to efficient and sustainable livestock production. In subsequent chapters the role of epigenetics in specific aspects of animal production are reviewed. The final chapter provides researchers with a valuable basis for the use of comparative epigenetics research to allow research to apply advances across organisms. Livestock Epigenetics provides detailed information on this rapidly expanding field of research with contributions from a global team of experts.

Biología marina y oceanografía- 2004

Life on Earth-Teresa Audesirk 1997 The book has been carefully written to integrate the necessary biological facts into a broader conceptual framework that stresses unifying themes and the ways in which an understanding of biology can enrich and enlighten day-to-day living.

Vascular Plants as Epiphytes-Ulrich Lüttge 2012-12-06 In his lectures my teacher Karl Mägdefrau used to say that one only becomes a real plant scientist when one enters a tropical rainforest. For me this initiation occurred in 1969 in northern Queensland, Australia, and was associated with the greatest excitement. On another level it received confirmation when I set out in 1983 together with some friends and colleagues for the first detailed ecophysiological studies of epiphytes in the wet tropics in situ in the island of Trinidad and later for similar work in Venezuela. This then promoted the idea of organizing a special symposium on "The evolution and ecophysiology of vascular plants as epiphytes" during the XIV International Botanical Congress in July 1987 in Berlin, and to ask some of the speakers to produce chapters for a small monograph on the interesting ecologically defined group of plants "epiphytes" as presented in this volume of "Ecological Studies". The enthusiasm of the participants of the symposium giving reports and adding to the discussion was most stimulating, and it appears that epiphytes might gain well-deserved, wider consideration in the future. The cooperation with the authors of this book was very pleasant and I appreciated the new contacts established with adepts of the "epiphyte community". The chapters were organized and arranged covering first more general aspects with setting the scene in Chapter 1, the evolution of epiphytism in Chapter 2 and the role of CO₂-concentrating mechanisms in Chapter 3.

Law and Human Genetics-Roger Brownsword 1998-12-19 This issue addresses conceptual, ethical, political and practical issues confronting the law in the face of the genetic revolution.

The Origins of Life-John Maynard Smith 2000 'I can recommend this book as a thoroughly interesting read' - Biologist 01/02/2002 'exhilarating reading... challenging... stimulates the reader to think deeply on the many issues it raises.' -Margaret Ginzburg, Science and Christian belief, Vol.13, No.1, April 2001 '...the authors provide a clear-eyed review of a large part of modern biology.' -Scientific American '...the book is well written, stimulating, and full of information nuggets.' -Choice

Primer Encuentro Multidisciplinario de Mujeres y Ciencia-Consejo Nacional de Investigaciones Científicas y Tecnológicas (Costa Rica) 2002

Darwin on Trial-Phillip E. Johnson 1993 In the 2nd edition of this controversial critique of Darwinism the author responds to critics of the 1st edition and expands the material in chapter five.