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Grasses and Grasslands James R. Estes 1982

Heredity in Relation to Eugenics [electronic Resource] Charles Benedict 1866-1944 Davenport 2021-09-09 This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Evolution and Social Psychology Mark Schaller 2013-05-13 Why do we think about and interact with other people in the particular ways that we do? Might these thoughts and actions be contemporary products of our long-ago evolutionary past? If so, how might this be, and what are the implications? Research generated by an evolutionary approach to social psychology issues profound insights into self-concept, impression formation, prejudice, group dynamics, helping, aggression, social influence, culture, and every other topic that is fundamental to social psychology. Evolution and Social Psychology is the first book to review and discuss this broad range of social psychological phenomena from an evolutionary perspective. It does so with a critical and constructive eye. Readers will emerge with a clear sense of the intellectual challenges, as well as the scientific benefits, of an evolutionarily-informed social psychology. The world-renowned contributors identify new questions, new theories, and new hypotheses—many of which are only now beginning to be tested. Thus, this book not only summarizes the current status of the field, it also sets an agenda for the next generation of research on evolution and social psychology. Evolution and Social Psychology is essential reading for evolutionary psychologists and social psychologists alike.

Global Perspectives on River Conservation P. J. Boon 2000-10-03 This is the first book to provide a truly global synthesis of knowledge on river conservation, and will be an invaluable reference for all those concerned with strategic river planning. Throughout the world, river ecosystems frequently reflect the worst excesses of human exploitation for instance when rivers are used as repositories for waste. Recognition is growing that river management needs to move from chemical clean-up to restoring the structural damage caused by decades of river engineering. There needs to be a catchment-wide perspective if the needs of human populations, river habitats and wildlife are to reach a sustainable balance. Against this backdrop, the development of river conservation strategies has become a global imperative. This book sets out a worldwide, region-by-region overview of the science, policy and practice of river conservation. It also provides a topical review of different river settings (such as tropical/temperate; temporary/perennial; large/small) and contemporary issues in river conservation (such as classification and evaluation; environmental legislation; the role of public participation). Clearly written by leading researchers in the field, this book will be welcomed by all those working on environmental management of inland waters as well as academics, researchers, postgraduates and final year undergraduates.

Publications and patent United States. Agricultural Research Service. Eastern Regional Research Center 1981

Vertebrate Cranial Placodes GERHARD. SCHLOSSER 2021-04-29 Most of the cranial sense organs of vertebrates arise from embryonic structures known as cranial placodes. Such placodes also give rise to sensory neurons that transmit information to the brain as well as to many neurosecretory cells. This book focuses on the development of sensory and neurosecretory cell types from cranial placodes by introducing the vertebrate head with its sense organs and neurosecretory organs and providing an overview of the various cranial placodes and their derivatives, including evidence of common embryonic primordia. Schlosser discusses how these primordia are established in the early embryo and how individual placodes develop. The latter chapters explain how various placodally derived sensory and neurosecretory cell types differentiate into discrete structures.

Guides to the Freshwater Invertebrates of Southern Africa Irene J. De Moor 2003

The Septal Nuclei Jon DeFrance 2013-04-17 The "septum pellucidum" has been described since antiquity. Even though people such as Vicq d' Azyr (12) and Burdach (3) pictured the septal region in their drawings, the nuclei associated with the pellucidum--the septal nuclei--were not described until Meynert (10). Since Meynert's description, this portion of the limbic system has been troublesome in terms of nomenclature. Scientists about the turn of the twentieth century proposed quite diverse terminologies. For example, Elliot Smith first wrote of the precommisural area (4) and then later of the paraterminal body (5). These terms, however, were meant to extend beyond the septal nuclei of our understanding. Unger (11) and Herrick (8) proposed the familiar terms--nucleus lateralis septi and nucleus medialis septi; but again they were somewhat broader in definition than is accepted for current usage. These terms, however, were rejected by Johnston (9). In Johnston's great paper, he pointed out that the hippocampus seems to evolve out of large portions of the septal nuclei. It was appropriate then to borrow a term previously used by Elliot Smith (6), but in another context--primordium hippocampi. Johnston's primordium hippocampi corresponds to the lateral septal nucleus of current usage. He introduced the terms medial and lateral parolfactory area to refer to the remaining portions of

the septal nuclei of Herrick (8). Hence, the lateral parol factory area refers to the nucleus accumbens septi of Ariens Kappers (2).

Cross-cultural Differences in Perspectives on the Self Virginia Murphy-Berman 2003-01-01 Cross-Cultural Difference in Perspectives on the Self features the latest research in a dynamic area of inquiry and practice. Considered in these pages are cross-cultural differences in the idea of the person and in models of balancing obligations to the self, family, and community. Revisiting and questioning the concepts of self and self-worth, the authors investigate the extent to which factors traditionally associated with psychological effectiveness (intrinsic motivation; assuming personal responsibility for one's actions; and feeling in control, unique, hopeful, and optimistic) are culturally bound. Hazel Markus and Shinobu Kitayama consider cultural differences in models of psychological agency; Joan Miller critiques the meaning of the term agency, analyzing the extent to which many popular theories in psychology rest on rather narrow Western models of behavior and effective functioning; Steven Heine calls into question the presumed universality of some forms of cognitive processing; Sheena Iyengar and Sanford DeVoe apply a cross-cultural perspective to better understand intrinsic and extrinsic motivation and the value of choice; Kuo-shu Yang questions the universality of the pervasive and popular theory of self-actualization formulated by Abraham Maslow; and finally, Ype Poortinga reexamines not only the cultural boundaries of theory but also the very meaning of the concept of culture itself.

Global Deserts Outlook United Nations Environment Programme 2006 Namibia Business Intelligence Report - Practical Information, Opportunities, Contacts

Percutaneous Image-Guided Biopsy Kamran Ahrar 2013-10-22 This book provides a comprehensive source for all aspects of percutaneous image-guided biopsy. A synthesis of rationale, technique and evidence-based medicine, it offers a clear approach to imaging, devices, procedures and patient care. Replete with case studies, radiological images, illustrative diagrams and tables, this valuable reference is an indispensable addition to the bookshelves of all radiologists in training as well as practicing radiologists who would like to expand their biopsy service and refine their skills. The easy to follow format, organization and graphic presentations create a high-yield approach to practical information such as indications, technical considerations, anatomical considerations, outcomes and complications. This timely compendium is a necessity in this rapidly progressing field.

Syllabus of Plant Families Adolf Engler 2012 Part 1/1 of Engler's Syllabus of Plant Families - Blue-green Algae, Myxomycetes and Myxomycete-like organisms, Phytoparasitic protists, Heterotrophic Hetero-kontobionta and Fungi p.p. provides a thorough treatment of the world-wide morphological and molecular diversity of the Cyanoprokaryota, Acrasia and Eumycetozoa, Phytomyxea, the heterotrophic Heterokontobionta (Labyrinthulomycota, Oomycota), and the lower fungi (Chytridiomycota, Zygomycota and Glomeromycota). Recent DNA sequence data and advances in phylogenetic analysis brought tremendous changes to the interpretation of evolutionary relationships in every taxonomic rank, even in these lowermost plant groups, although their origin is still highly disputed. The authors followed the tradition of A. Engler with morphological-anatomical data, but are additionally incorporating the latest results from molecular phylogenies. This up-to-date overview of the Cyanoprokaryota, Acrasia, Eumycetozoa, Phytomyxea, Labyrinthulomycota, Oomycota, Chytridiomycota, Zygomycota and Glomeromycota will be a useful reference for a long time to come. Engler's Syllabus of Plant Families has since its first publication in 1887 aimed to provide both the researcher, and particularly the student with a concise survey of the plant kingdom as a whole, presenting all higher systematic units right down to families and genera of plants and fungi. In 1964, more than 45 years ago, the 12th edition of the well-known "Syllabus der Pflanzenfamilien" ("Syllabus of Plant Families"), set a standard. Now, the completely restructured and revised 13th edition of Engler's Syllabus published in 5 parts and in English language for the first time also considers molecular data, which have only recently become available in order to provide an up-to-date evolutionary and systematic overview of the plant groups treated. In our "molecular times" there is a vitally important and growing need to preserve the knowledge of the entire range of diversity and biology of organisms for coming generations, as there is a decline in "classical" morphological and taxonomical expertise, especially for less popular (showy) groups of organisms. Accordingly, the 13th edition of Syllabus of Plant Families synthesizes both modern data and classical expertise, serving to educate future experts who will maintain our knowledge of the full range of Earth's biodiversity. Syllabus of Plant Families is a mandatory reference for students, experts and researchers from all fields of biological sciences, particularly botany.

High-Tech and Micropropagation II Y. P. S. Bajaj 2012-12-06 Second in the series, High-Tech and Micropropagation, this work covers the micropropagation of trees and fruit-bearing plants, such as poplar, birches, larch, American sweetgum, black locust, Sorbus, sandalwood, Quercus, cedar, Persian walnut, date palm, cocoa, Citrus, olive, apple, pear, peach, plum, cherry, papaya, pineapple, kiwi, Japanese persimmon, grapevine, strawberry, and raspberry. The importance and distribution of conventional propagation and in vitro studies on individual species are discussed. In particular detail, the transfer of in vitro plants to the greenhouse or the field, and the prospects of commercial exploitation are examined. The book will be of use to advanced students, research workers and teachers in horticulture, forestry and plant biotechnology in general, and also to individuals interested in industrial micropropagation.

Intrinsic Motivation Edward L. Deci 2012-12-06 As I begin to write this Preface, I feel a rush of excitement. I have now finished the book; my gestalt is coming into completion. Throughout the months that I have been writing this, I have, indeed, been intrinsically motivated. Now that it is finished I feel quite competent and self-determining (see Chapter 2). Whether or not those who read the book will perceive me that way is also a concern of mine (an extrinsic one), but it is a wholly separate issue from the intrinsic rewards I have been experiencing. This book presents a theoretical perspective. It reviews an enormous amount of research which establishes unequivocally that intrinsic motivation exists. Also considered herein are various approaches to the conceptualizing of intrinsic motivation. The book concentrates on the approach which has developed out of the work of Robert White (1959), namely, that intrinsically motivated behaviors are ones which a person engages in so that he may feel competent and self-determining in relation to his environment. The book then considers the development of intrinsic motivation, how behaviors are motivated intrinsically, how they relate to and how intrinsic motivation is extrinsically motivated behaviors, affected by extrinsic rewards and controls. It also considers how changes in intrinsic motivation relate to changes in attitudes, how people attribute motivation to each other, how the attribution process is motivated, and how the process of perceiving motivation (and other internal states) in oneself relates to perceiving them in others.

Handbook of Gas Sensor Materials Ghenadii Korotcenkov 2013-09-18 The two volumes of Handbook of Gas Sensor Materials provide a detailed and comprehensive account of materials for gas sensors, including the properties and relative advantages of various materials. Since these sensors can be applied for the automation of myriad industrial processes, as well as for everyday

monitoring of such activities as public safety, engine performance, medical therapeutics, and in many other situations, this handbook is of great value. Gas sensor designers will find a treasure trove of material in these two books.

Agroecology Stephen R. Gliessman 1998 Presents powerful arguments against "Environmental Racism", "Incrementalism" and the "Impotence of Planning." Explores case studies of urban planning, county policies, residential development and more.

Submits the authors recommendations for preserving the delicate balance of Floridas ecosystem.

Handbook on Drug Abuse 1979

Bioassessment Michael T. Barbour 2008 This WERF sponsored research addresses the utility of bioassessment for managing aquatic life uses in urban and/or urbanizing catchments. Heavily urbanized catchments present a problem for facilities and water quality managers struggling to balance the socio-economic needs of urban areas with aquatic life use standards. Most standards do not recognize the limitations on achievable biological condition in urban areas. This research specifically defines a process for developing alternative biological benchmarks for aquatic life use in urban catchments. This research was conducted across three distinct climatic regions and describes a threestep process: 1) developing a primary urbanization gradient, 2) assembling an appropriate urban biological index, and 3) defining a biological potential that describes the highest biological condition currently achieved along the urban gradient. The primary urban gradient is developed using simple landscape and socio-economic measures of urbanization. Alternative urban gradients, comparable to the primary gradient, are presented that can be used as data availability and resources require. The primary biological indicator is developed using a subset of commonly collected biological metrics. Lastly, biological potential is defined using quantile regression to characterize the upper boundary on biological condition observed along the primary urban gradient. This approach establishes empirically defined and realistic aquatic life use benchmarks for urbanized catchments, and describes a process by which the aquatic life use status of waterbodies in urbanized catchments can be placed in a realistic context. Guidance on implementation is provided for WERF subscribers for their particular urban areas.

The Psychology of Action Peter M. Gollwitzer 1996-01-01 Moving beyond the traditional, and unproductive, rivalry between the fields of motivation and cognition, this book integrates the two domains to shed new light on the control of goal-directed action.

Renowned social and motivational psychologists present concise formulations of the latest research programs which are effectively mapping the territory, providing new findings, and suggesting innovative strategies for future research. Ideally structured for classroom use, this book will effectively familiarize readers with important theories in the psychology of action.

The Native Tribes of Central Australia Baldwin Spencer 1899 This book contains sensitive material. It is not available for viewing without prior permission of the current head of the Indigenous Cultures Department.

Rapid Bioassessment Protocols for Use in Wadeable Streams and Rivers United States. Environmental Protection Agency. Office of Water 1999

Craniofacial Development British Society for Developmental Biology. Meeting 1988

The Economics of Animal Health and Production Jonathan Rushton 2009 Annotation. Illustrated with review studies on animal health economics, this book presents information on the most important economic tools applied to livestock, covering both theory and practical applications. Topics covered include gross margin analysis, partial budgeting, investment and financial appraisal and cost-benefit analysis. There are also sections on decision tree analysis, optimisation methods, value chain analysis, new institutional economics, DALYs and a range of policy analysis tools. International experts contribute on important theoretical and practical aspects of animal health and production economics, with global themes on livestock and poverty.

Bioenergetics 2 David G. Nicholls 2014-06-28 Bioenergetics 2 aims to clarify topics such as the thermodynamics of bioenergetic processes and the stoichiometries of energy coupling reactions. The book discusses chemiosmotic energy transduction; ion transport across energy-conserving membranes; and quantitative bioenergetics as the measurement of driving forces. The text also describes the chemiosmotic proton circuit; the respiratory chain; the photosynthetic generators of protonmotive force; and the ATP synthase. The secondary transport of products across the membrane, as well as the structures of the bacterial photosynthetic reaction center and bacteriorhodopsin are also considered. Biochemists will find the book invaluable.

Handbook of Self-regulation Monique Boekaerts 2005 The Handbook of Self-Regulation represents state-of-the-art coverage of the latest theory, research, and developments in applications of self-regulation research. Chapters are of interest to psychologists interested in the development and operation of self-regulation as well as applications to health, organizational, clinical, and educational psychology. This book pulls together theory, research, and applications in the self-regulation domain and provides broad coverage of conceptual, methodological, and treatment issues. In view of the burgeoning interest and massive research on various aspects of self-regulation, the time seems ripe for this Handbook, aimed at reflecting the current state of the field. The goal is to provide researchers, students, and clinicians in the field with substantial state-of-the-art overviews, reviews, and reflections on the conceptual and methodological issues and complexities particular to self-regulation research. Coverage of state-of-the-art in self-regulation research from different perspectives Application of self-regulation research to health, clinical, organizational, and educational psychology Brings together in one volume research on self-regulation in different subdisciplines Most comprehensive and penetrating compendium of information on self-regulation from multi-disciplinary perspectives

Genetics of Melanoma Carlos A. Torres-Cabala 2016-05-11 This book discusses the molecular, biological, pathological, and clinical aspects of melanoma, with special emphasis in the new concepts of melanoma genetics. A multidisciplinary group of experts in Genetics, Dermatology, Pathology, and Melanoma Medical Oncology contribute state-of-the-art knowledge in melanoma research and clinical management, not only exposing the current status of knowledge of the topics but also providing their personal experiences and ideas about the future and potential practical application of the genetic aspects of melanoma. During the last few years we have witnessed an impressive amount of discoveries in the field of melanoma genetics which have changed our approach in understanding the pathogenesis and treatment of this lethal disease. Genetics of Melanoma is a practical approach to melanoma genetic mechanisms and their application in the diagnosis and treatment of this malignancy. It is an essential source of updated information and a powerful tool for clinicians, pathologists, and basic scientists who wish to understand, apply, and investigate the multiple new aspects of melanoma genetics.

Plant Propagation by Tissue Culture: In practice Edwin F. George 1993

Special Report to the U.S. Congress on Alcohol & Health 1993

Plant Tissue Culture: An Introductory Text Sant Saran Bhojwani 2013-03-20 Plant tissue culture (PTC) is basic to all plant

biotechnologies and is an exciting area of basic and applied sciences with considerable scope for further research. PTC is also the best approach to demonstrate the totipotency of plant cells, and to exploit it for numerous practical applications. It offers technologies for crop improvement (Haploid and Triploid production, In Vitro Fertilization, Hybrid Embryo Rescue, Variant Selection), clonal propagation (Micropropagation), virus elimination (Shoot Tip Culture), germplasm conservation, production of industrial phytochemicals, and regeneration of plants from genetically manipulated cells by recombinant DNA technology (Genetic Engineering) or cell fusion (Somatic Hybridization and Cybridization). Considerable work is being done to understand the physiology and genetics of in vitro embryogenesis and organogenesis using model systems, especially Arabidopsis and carrot, which is likely to enhance the efficiency of in vitro regeneration protocols. All these aspects are covered extensively in the present book. Since the first book on Plant Tissue Culture by Prof. P.R. White in 1943, several volumes describing different aspects of PTC have been published. Most of these are compilation of invited articles by different experts or proceedings of conferences. More recently, a number of books describing the Methods and Protocols for one or more techniques of PTC have been published which should serve as useful laboratory manuals. The impetus for writing this book was to make available a complete and up-to-date text covering all basic and applied aspects of PTC for the students and early-career researchers of plant sciences and plant / agricultural biotechnology. The book comprises of nineteen chapters profusely illustrated with self-explanatory illustrations. Most of the chapters include well-tested protocols and relevant media compositions that should be helpful in conducting laboratory experiments. For those interested in further details, Suggested Further Reading is given at the end of each chapter, and a Subject and Plant Index is provided at the end of the book.

Current Ornithology D.M. Power 2013-06-29 This is the only English-language publication devoted exclusively to extensive reviews and synthesis of topics on the biology of birds. The current volume includes articles on sibling competition, predation and the limitation of bird numbers, and population trends in birds of eastern North America.

The Neural Crest in Development and Evolution Brian K. Hall 2013-03-14 A discussion of the neural crest and neural crest cells, dealing with their discovery, their embryological and evolutionary origins, their cellular derivatives - in both agnathan and jawed vertebrates or gnathostomes - and the broad topics of migration and differentiation in normal development. The book also considers what goes wrong when development is misdirected by mutations, or by exposure of embryos to exogenous agents such as drugs, alcohol, or excess vitamin A, and includes discussions of tumours and syndromes and birth defects involving neural crest cells.

Silverberg's Principles and Practice of Surgical Pathology and Cytopathology Mark R. Wick 2014

Nanodevices and Nanomaterials for Ecological Security Yuri N. Shunin 2012-06-05 This book is devoted to a wide range of problems concerning applications of nanomaterials and nanodevices as effective solutions to modern ecological problems. Leading experts in nanoscience and nanotechnology present the key theoretical, experimental and implementation issues related to the creation and utilization of novel nanoscale devices to help ensure ecological security. The authors discuss appropriate nanotechnologies for minimizing various types of risk: to human life, technogenic risk, or indeed terrorist threats. Particular emphasis is placed on defining and studying the required materials properties, and – in the field – on nanoscale devices for sensors and monitoring.

Hair and Scalp Treatments Antonella Tosti 2019-09-12 Conditions of the hair and scalp often cause significant psychological distress and sometimes physical discomfort for patients. Similarly, finding the right treatment can prove challenging for the physician. Hair and Scalp Treatments -- A Practical Guide, focuses on therapy with each chapter briefly describing the disease to the reader and then teaching the step-by-step therapeutic algorithm. Procedures commonly used in the treatment of alopecias are also reviewed and detailed in specific chapters. This book also discusses everyday questions that patients commonly ask doctors and provides practical tips such as how to recommend the best shampoo, conditioner or hair dye for your patient, or how to prescribe the right nutritional supplements. There are additional sections on future treatments on the horizon and how regenerative medicine can be used. Hair and Scalp Treatments -- A Practical Guide, is the only book of its kind focused on treatment and addresses topics that are not covered by current titles on hair disorders. Written and edited by leading experts in the field, this practical guide can be used not only by dermatologists but by general practice and family physicians as well.

The Arunta Baldwin Spencer 1927

Evolution by Gene Duplication Susumu Ohno 2013-12-11 It is said that "necessity is the mother of invention". To be sure, wheels and pulleys were invented out of necessity by the tenacious minds of upright citizens. Looking at the history of mankind, however, one has to add that "leisure is the mother of cultural improvement". Man's creative genius flourished only when his mind, freed from the worry of daily toils, was permitted to entertain apparently useless thoughts. In the same manner, one might say with regard to evolution that "natural selection merely thinned, while redundancy created". Natural selection has been extremely effective in policing allelic mutations which arise in already existing gene loci. Because of natural selection, organisms have been able to adapt to changing environments, and by adaptive radiation many new species were created from a common ancestral form. Yet, being an effective policeman, natural selection is extremely conservative by nature. Had evolution been entirely dependent upon natural selection, from a bacterium only numerous forms of bacteria would have emerged. The creation of metazoans, vertebrates and finally mammals from unicellular organisms would have been quite impossible, for such big leaps in evolution required the creation of new gene loci with previously nonexistent functions. Only the cistron which became redundant was able to escape from the relentless pressure of natural selection, and by escaping, it accumulated formerly forbidden mutations to emerge as a new gene locus.