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Alcohol and Humans Kimberley Hockings, Robin Dunbar, 2019-12-05 Alcohol use has a long and ubiquitous history The prevailing tendency to view alcohol merely as a social problem or the popular notion that alcohol only serves to provide us with a hedonic high masks its importance in the social fabric of many human societies both past and present To understand alcohol use as a complex social practice that has been exploited by humans for thousands of years requires cross disciplinary insight from social cultural anthropologists archaeologists historians psychologists primatologists and biologists This multi disciplinary volume examines the broad use of alcohol in the human lineage and its wider relationship to social contexts such as feasting sacred rituals and social bonding Alcohol abuse is a small part of a much more complex and social pattern of widespread alcohol use by humans This alone should prompt us to explore the evolutionary origins of this ancient practice and the socially functional reasons for its continued popularity. The objectives of this volume are 1 to understand how and why nonhuman primates and other animals use alcohol in the wild and its relevance to understanding the social consumption of alcohol in humans 2 to understand the social function of alcohol in human prehistory 3 to understand the sociocultural significance of alcohol across human societies and 4 to explore the social functions of alcohol consumption in contemporary society Alcohol in Humans will be fascinating reading for those in the fields of biology psychology anthropology archaeology as well as those with a broader interest in addiction Human Adaptability, Student Economy Edition Emilio Moran, 2018-10-03 This book focuses on mechanisms of human adaptability It integrates findings from ecology physiology social anthropology and geography around a set of problems or constraints posed by human habitats The Oxford Handbook of Economics and Human Biology Dr. John Komlos, Dr. Inas Kelly, 2016-05-02 The Oxford Handbook of Economics and Human Biology provides an extensive and insightful overview of how economic conditions affect human well being and how human health influences economic outcomes Among the topics explored are how variations in height whether over time among different socio economic groups and in different locations are important indicators of changes in economic growth and economic development levels of economic inequality and economic opportunities for individuals The book covers a broad geographic range Africa Latin and North America Asia and Europe Its temporal scope ranges from the late Iron Age to the present Taking advantage of recent improvements in data and economic methods the book also explores how humans biological conditions influence and are influenced by their economic circumstances including poverty Among the issues addressed are how height body mass index BMI and obesity can affect and are affected by productivity wages and wealth How family environment affects health and well being is examined as is the importance of both pre birth and early childhood conditions for subsequent economic outcomes Reflecting this dynamic and expanding area of research the volume shows that well being is a salient aspect of economics and the new toolkit of evidence from biological living standards enhances understanding of industrialization commercialization income distribution the organization of health care social status and the redistributive state affect such human attributes as physical stature weight and the obesity epidemic in historical and contemporary populations Pathophysiology - E-Book Jacquelyn L. Banasik, 2018-01-17 NEW Global Health Care boxes inform you about global healthcare concerns such as HIV AIDS Ebola Tropical Diseases and more Includes prevalence mechanism of disease and transmission NEW Over 1 000 illustrations help clarify complex pathophysiological concepts and make the book visually appealing NEW Thorough chapter updates include the latest information on new treatment advances 100 new figures for improved clarity and much more throughout the text The Human Weapon System Christopher Myers, 2023-11-10 This book discusses the differences between a human weapon system and a tactical athlete and what a human optimization program is Furthermore this book discusses and demonstrates how to put together a training program at an organizational level for the human weapon system A systematic approach is presented and discussed from initial analysis of the human weapon system to creating a multi domain human performance optimization program This book strives to familiarize the reader with the systematic approach that the author has utilized as an exercise physiologist in the Department of Defence over the past ten years This book also explains how to utilize technology to individualize the human performance optimization program at an organizational level The book discusses current technologies in power generation measuring endurance and nutrition and also demonstrates to strength coaches and practitioners how to use these technologies and Health Promotion Throughout the Life Span - E-Book Carole Lium Edelman, Elizabeth individualize optimization Connelly Kudzma, 2017-07-25 Promote health and wellness for all ages and population groups Health Promotion Throughout the Life Span 9th Edition provides a comprehensive guide to leading health promotion concepts from assessment to interventions to application Its lifespan approach addresses patients unique needs with case studies and care plans with an assessment framework based on Gordon's Functional Health Patterns New to this edition is expanded coverage of genomics and QSEN competencies Written by nursing experts Carole Edelman and Elizabeth Kudzma this bestselling text covers all the latest research and trends in health promotion and disease prevention Separate chapters on population groups the individual family and community highlight the unique aspects of assessment and health promotion for each group Coverage of growth and development helps you apply health promotion concepts to each age and each stage of development through the lifespan Case studies present realistic situations with questions asking you to apply key concepts and care plans include nursing diagnoses defining characteristics related factors expected outcomes and interventions Quality and Safety Scenario boxes focus on QSEN related competencies with examples of health promotion Innovative Practice boxes outline unique and creative health promotion programs and projects currently being implemented Healthy People 2020 boxes present goals and objectives relating to national health issues and priorities Research for Evidence Based Practice boxes summarize current health promotion studies showing the links between research theory and practice Diversity Awareness boxes address cultural perspectives relating to planning care Hot Topics boxes introduce significant issues trends and controversies in health

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Index Medicus .2001 Stingless Bee Nest Cerumen and Propolis, Volume 2 Patricia Vit, Vassya Bankova, Milena Popova, David W Roubik, 2024-10-09 Meliponini the stingless bees of the tropics process and store honey pollen and plant resins to maintain their colonies The chemical components of their nests are bioactive and believed to be therapeutic for a long list of maladies However only recently are tests and analyses being done with molecular and modern laboratory techniques such as high throughput EDX HPIC HPLC GC NMR PCR and ultrastructural SEM coupled with diverse detectors such as DAD RI MS SCD This two volume book is about the cerumen plant resins mixed with stingless bee wax and propolis which fortify the colony in ways that are beginning to be understood It includes reviews and new research on diverse topics involving the chemistry and bioactivity of plant resins cerumen propolis besides bee and microbe behavior and ecology These analytic studies are presented along with stingless bee biodiversity palynology cultural knowledge bee foraging behavior resin flower evolution ecology and evolution of nest microbe mutualisms social immunity human health the decisive role of microbiology investigation in moving forward natural history of stingless bee colonies and nests marketing and bibliometrics for plant resin use by bees propolis and the Starmerella yeast *Population Biology of Vector-Borne Diseases* John M. Drake, Michael Bonsall, Michael R. Strand, Michael Strand, 2021 Population Biology of Vector Borne Diseases is the first comprehensive survey of this rapidly developing field The chapter topics provide an up to date presentation of classical concepts reviews of emerging trends synthesis of existing knowledge and a prospective agenda for future research The contributions offer authoritative and international perspectives from leading thinkers in the field The dynamics of vector borne diseases are far more intrinsically ecological compared with their directly transmitted equivalents The environmental dependence of ectotherm vectors means that vector borne pathogens are acutely sensitive to changing environmental conditions Although perennially important vector borne diseases such as malaria and dengue have deeply informed our understanding of vector borne diseases recent emerging viruses such as West Nile virus Chikungunya virus and Zika virus have generated new scientific questions and practical problems. The study of vector borne disease has been a particularly rich source of ecological questions while ecological theory has provided the conceptual tools for thinking about their

evolution transmission and spatial extent Population Biology of Vector Borne Diseases is an advanced textbook suitable for graduate level students taking courses in vector biology population ecology evolutionary ecology disease ecology medical entomology viral ecology evolution and parasitology as well as providing a key reference for researchers across these fields

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