
Genetic Characterization Of Indigenous Goats Of Sub

Goat and Sheep Production in the Tropics

Phenotypic Characterization, Genetics and Genomics of Livestock in Low Input Systems

Wild Sheep and Goats and Their Relatives

Review of goat research and development projects in Ethiopia

Phenotypic Characterization of Animal Genetic Resources

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The Sustainability of Agro-Food and Natural Resource Systems in the Mediterranean Basin

Integrating improved goat breeds with new varieties of sweet potatoes and cassava in the agro-pastoral systems of Tanzania: A gendered analysis

DNA Barcoding and Molecular Phylogeny

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Characterization and Conservation of Indigenous Sheep Genetic Resources: a Practical Framework for Developing Countries

Mason's World Encyclopedia of Livestock Breeds and Breeding, 2 Volume Pack

Convergent Issues in Genetics and Demography

Agricultural Statistics 2013

Genetics and Breeding for Disease Resistance of Livestock

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Goats (Capra)

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Improving Goat Production in the Tropics
Goat Production in the Tropics
Doe Productivity of Kacang and Peranakan Etawah Goats and Factors Affecting Them in Indonesia
Mason's World Dictionary of Livestock Breeds, Types and Varieties, 6th Edition
The indigenous farm genetic resources of Somalia: Preliminary phenotypic and genotypic characterization of cattle, sheep and goats
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ALEXANDER CHAVEZ

Goat and Sheep Production in the Tropics BoD - Books on Demand

This book covers more than 40 indigenous goat breeds and several ecotypes around the globe and describes genotypic and phenotype traits related to species adaptation to harsh environments and climate change. It also addresses sustainable global farming of local goat breeds in different production systems and agro-ecosystems. Discussing three main global regions: Asia, Africa, and Europe, it particularly focuses on

adverse environments such as mountain, semiarid and arid regions. The topic of this highly readable book includes the disciplines of animal physiology, breeding, sustainable agriculture, biodiversity and veterinary science, and as such it provides valuable information for academics, practitioners, and general readers with an interest in those fields.

Phenotypic Characterization, Genetics and Genomics of Livestock in Low Input Systems Oxbow Books Limited

This book provides an overview of developments in the conservation and sustainable utilisation of Farm Animal Genetic Resources. It is based on presentations given at a conference on this subject co-organised by the British Society of Animal Science, the Department for Environment, Food and Rural Affairs, the Rare

Breeds Survival Trust and the Sheep Trust.

Wild Sheep and Goats and Their Relatives IRD Éditions

This volume provides a comprehensive overview of goat keeping and farming. It includes twenty-two chapters that address such topics as breeding and selection, goat reproduction, production systems, the effects of goat farming on the environment, the use of goat byproducts, the economics of goat farming, and much more.

Review of goat research and development projects in Ethiopia

BoD – Books on Demand

It is no exaggeration to suggest that the domestication of animals was perhaps one of the most important developments in human history. It is a phenomenon that has transformed human life over the last 15,000 years, with the term 'domestic animal' being a familiar one to every person on the planet.

Phenotypic Characterization of Animal Genetic Resources

Springer Science & Business Media

Research and development in animal husbandry and products manufacturing are ongoing, and the results should be summarized from time to time and made available to the reader in order to increase their knowledge. The present publication seeks to present the results related to the goat species. The first part of the volume contains the cultural history of the goat as well as chapters on the breeds kept and bred in Spain, USA, and Nepal. The second part covers the chapters dealing with Cashmere and Pashmina wool. In the third part of the volume, you can read about the differences between the different goat cheeses. The first chapter of the fourth part compares the drugs that can be used in the treatment of goat diseases, while the

second chapter describes the parasites of the gastrointestinal tract (GIT).

Goat Science ILRI (aka ILCA and ILRAD)

-- "The Scientist"

The Origins and Development of African Livestock ILRI (aka ILCA and ILRAD)

Mason's World Dictionary of Livestock Breeds, Types and Varieties, now in its sixth edition, has a long history as a reliable and authoritative source of key livestock breed information. Intended as a list of livestock names and synonyms for breeds, groups, types and varieties worldwide, the dictionary aims to include all names found in the literature, 'defining' each breed or type with a brief indication of identifying characteristics, uses and source of origin.

Sheep and Goat Production and Marketing Systems in Ethiopia

Academic Press

This book offers a comprehensive analysis of the application level for various agricultural biotechnologies across Sub-Saharan Africa. The authors examine the capacity available as well as the enabling environment, including policy and investments, for facilitating agricultural biotechnology development and use in the region. For each Sub-Saharan country, the status of biotechnology application is assessed in four major sectors; Crops, Livestock, Forestry and Aquaculture. Examples such as the number and requisite skill levels of trained personnel, biosafety frameworks and public awareness are surfaced in these chapters. This work also discusses the impact of push-pull factors on research, training and food security and identifies opportunities for investment in biotechnology and local agribusiness.

Development partners, policy makers, agricultural consultants as well as scientists and private sector investors with an interest in biotechnology initiatives in Sub-Saharan Africa will find this collection an important account to identify key gaps in capacity and policy, as well as priority areas going forward. The volume highlights ways to develop technology and increase agricultural production capacity through international cooperation and inclusive economic growth, making it a valuable practice guide in line with the UN Sustainable Development Goals, in particular SDG 2 Zero Hunger and SDG 8 Decent Work and Economic Growth. Clear case studies round off the reading experience.

The Sustainability of Agro-Food and Natural Resource Systems in the Mediterranean Basin CABI

This book presents a comprehensive overview of DNA barcoding and molecular phylogeny, along with a number of case studies. It discusses a number of areas where DNA barcoding can be applied, such as clinical microbiology, especially in relation to infection management; DNA database management; and plant - animal interactions, and also presents valuable information on the DNA barcoding and molecular phylogeny of microbes, algae, elasmobranchs, fishes, birds and ruminant mammals.

Furthermore it features unique case studies describing DNA barcoding of reptiles dwelling in Saudi Arabian deserts, genetic variation studies in both wild and hatchery populations of *Anabas testudineus*, DNA barcoding and molecular phylogeny of Ichthyoplankton and juvenile fishes of Kuantan River in Malaysia, and barcoding and molecular phylogenetic analysis of indigenous bacteria from fishes dwelling in a tropical tidal river. Moreover, since prompt identification and management of invasive species

is vital to prevent economic and ecological loss, the book includes a chapter on DNA barcoding of invasive species. Given its scope, this book will appeal not only to researchers, teachers and students around the globe, but also to general readers.

Integrating improved goat breeds with new varieties of sweet potatoes and cassava in the agro-pastoral systems of Tanzania: A gendered analysis Springer Nature

This book has been published by Allenvi (French National Alliance for Environmental Research) to coincide with the 22nd Conference of Parties to the United Nations Framework Convention on Climate Change (COP22) in Marrakesh. It is the outcome of work by academic researchers on both sides of the Mediterranean and provides a remarkable scientific review of the mechanisms of climate change and its impacts on the environment, the economy, health and Mediterranean societies. It will also be valuable in developing responses that draw on “scientific evidence” to address the issues of adaptation, resource conservation, solutions and risk prevention. Reflecting the full complexity of the Mediterranean environment, the book is a major scientific contribution to the climate issue, where various scientific considerations converge to break down the boundaries between disciplines.

DNA Barcoding and Molecular Phylogeny Oxford University Press, USA

Goat science covers quite a wide range and varieties of topics, from genetics and breeding, via nutrition, production systems, reproduction, milk and meat production, animal health and parasitism, etc., up to the effects of goat products on human health. In this book, several parts of them are presented within

18 different chapters. Molecular genetics and genetic improvement of goats are the new approaches of goat development. Several factors affect the passage rate of digesta in goats, but for diet properties, goats are similar to other ruminants. Iodine deficiency in goats could be dangerous. Assisted reproduction techniques have similar importance in goats like in other ruminants. Milk and meat production traits of goats are almost equally important and have significant positive impacts on human health. Many factors affect the health of goats, heat stress being of increasing importance. Production systems could modify all of the abovementioned characteristics of goats.

Farm Animal Genetic Resources Springer Nature

This book covers Goat production in the Tropics.

Microsatellite Markers Springer

This dictionary covers cattle, sheep, pigs, goats, horses, donkeys and buffalo. It includes all names which have been applied to interbreeding groups of these species whether they are called breeds, sub-breeds, types, varieties, strains or lines. The region or country of origin of each group is given and this is followed by a very brief description of the breed in terms of products, color, and major morphological features. There is a note on the history of the breed and the dates of formation of breed societies and herdbooks. Synonyms for its name are listed as well as the present conservation status. This new edition includes approximately 9,000 entries, of which 5,000 are main entries and 4,000 are cross references. This represents an increase on the third edition of 18% for main entries and 13% for cross references. The highest proportion of new breed entries are in

the horse and pig chapters. Furthermore some 2,300 entries (30%) have been amended. These include 400 major changes, such as new name, extinction, or the extension of a bare name to a complete entry. They also include 1,900 entries with minor changes, for example new breed society, new synonyms, additions to distribution or description, changes in spelling or of conservation status. China features strongly in all additions and amendments. In addition to these changes references to USSR, Yugoslavia and Czechoslovakia have been corrected in accordance with the current country names. Overall the book continues to represent the standard reference work for all concerned with domestic livestock, particularly those involved in animal breeding and genetics.

Characterization and Conservation of Indigenous Sheep Genetic Resources: a Practical Framework for Developing Countries CABI Publishing

Animal genetic resource diversity underpins the supply livestock products and services across a wide range of production environments. It promotes resilience and serves as a basis for adapting livestock management to changing conditions. It is vital to livelihoods of many of the world's poor people. It can contribute to the delivery of ecosystem services such as landscape management and the maintenance of wildlife habitats. However, it is often undervalued, underused and under threat. This report updates the global assessment provided in the first report on The State of the World's Animal Genetic Resources for Food and Agriculture, published in 2007. It focuses particularly on changes that have occurred during the period since the first report was published. It serves as a basis for a review, and

potential update, of the Global Plan of Action for Animal Genetic Resources, which since 2007 has provided an agreed international framework for the management of livestock biodiversity. Drawing on 129 country reports, it presents an analysis of the state of livestock diversity, the influence of livestock-sector trends on the management of animal genetic resources, the state of capacity to manage animal genetic resources, including legal and policy frameworks, and the state of the art in tools and methods for characterization, valuation, use, development and conservation.

Mason's World Encyclopedia of Livestock Breeds and Breeding, 2 Volume Pack Springer

Written for both livestock specialists and for development workers who have not been formally trained in animal production, this book explains the theory of goat-keeping using practical, step-by-step guidelines. It also takes into account the social, economic and organizational context in which the technology has to function.

Convergent Issues in Genetics and Demography ILRI (aka ILCA and ILRAD)

Wild caprinae, including sheep and goats, are an extremely valuable group of mammals. While most live in mountains, some inhabit desert grasslands, tropical forests or even arctic tundra. They range in size from the 30kg goral to the 350kg musk ox and display a variety of horn shapes and sizes as well as coat and body coloration. They are highly prized by hunters on account of their horns and their coats. Today, despite their important domestic relations, many wild caprinae are in danger of being lost forever: over 70 of caprinae taxa are threatened and over 30

endangered or critical. The main threats to them are over-harvesting, habitat loss and resource competition from livestock. Some face an additional threat from trophy hunters. Despite this, however, conservation legislation is either absent or, more often, poorly enforced. This action plan explores the value of caprinae to biodiversity, the threats facing the members of the species, and makes recommendations to reverse current trends. It also emphasizes the importance to caprinae conservation and survival of close collaboration among all parties involved in wildlife conservation including local peoples and hunting organizations, governments, scientists and academic institutions.

Agricultural Statistics 2013 Routledge

These guidelines are part of a series of publications produced by FAO to support countries in the implementation of the Global Plan of Action for Animal Genetic Resources.

Genetics and Breeding for Disease Resistance of Livestock Cuvillier Verlag

Genetics and Breeding for Disease Resistance of Livestock is a solid resource that combines important information on the underlying genetic causes and governing factors for disease resistance in food animals and applications for breeding purposes. It describes genomics at each species level to help researchers and students understand disease resistance and immunology using genomics and its application in breeding for disease resistance. This useful reference makes it easy for readers to understand and undergo further research in immunology and disease resistance for livestock. It includes novel applications and research material that is ideal for students, teachers, academicians and researchers. Presents basic

principles and protocols to describe research methodologies through diagrammatic illustrations with figures, flow charts, examples, and references Covers various disease occurrences in livestock and the methodologies available to identify the various pathogens responsible for these diseases Includes advanced breeding techniques and practical applications

Genetic Diversity in Microorganisms ILRI (aka ILCA and ILRAD)

This volume provides up-to-date coverage of genetics and demography, fields that are closely related, but rarely combined. Now especially, they have many topics and approaches in common: the use of historical materials, a basic concern with heterogeneity, new models of vital rates with behavioral and biological components, theories for the interplay of genetic and demographic factors in the spread of disease. As a comprehensive survey of a fast-growing field, this will be a valuable source of information for a wide spectrum of professionals in genetics, population biology, biostatistics, social and economic demography, and anthropology.

Tropical Animal Health Oxfam

This book is focused on the challenges to implement

sustainability in diverse contexts such as agribusiness, natural resource systems and new technologies. The experiences made by the researchers of the School of Agricultural, Forestry, Food and Environmental Science (SAFE) of the University of Basilicata offer a wide and multidisciplinary approach to the identification and testing of different solutions tailored to the economic, social and environmental characteristics of the region and the surrounding areas. Basilicata's productive system is mainly based on activities related to the agricultural sector and exploitation of natural resources but it has seen, in recent years, an industrial development driven by the discovery of oil fields. SAFE research took up the challenge posed by market competition to create value through the sustainable use of renewable and non-renewable resources of the territory. Moreover, due to its unique geographical position in the middle of the Mediterranean basin, Basilicata is an excellent "open sky" laboratory for testing sustainable solutions adaptable to other Mediterranean areas. This collection of multidisciplinary case studies and research experiences from SAFE researchers and their scientific partners is a stimulating contribution to the debate on the development of sustainable techniques, methods and applications for the Mediterranean regions.

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