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## RESEARCH ARTICLE

# Adapted forest management to improve the potential for reindeer husbandry in Northern Sweden

Jeannette Eggers 🚳, Ulrika Roos 🚳, Torgny Lind 🚳, Per Sandström 🐯

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Abstract In northern Sweden, improvements of grazing conditions are necessary for the continuation of traditional, natural pasture-based reindeer husbandry. Ground and tree lichen constitute the main fodder resource for reindeer approaches that include people and communities as part of the landscape can provide the scientific basis for policy choices regarding ecosystem management (Garedew et al. 2009; Svensson et al. 2012). To understand impacts and

# **Reindeer Ecology Management In Sweden**

Robert J. Hudson, K. R. Drew, L. M. Baskin

#### **Reindeer Ecology Management In Sweden:**

Reindeer Ecology and Management in Sweden. (Translated From Swedish by Nigel Reeves Folke Skuncke, 1969) **Tundra Ecosystems** International Biological Programme, 1981 Brings together the results of research programmes in Austria Canada U S A Finland Norway Sweden Greenland U K Ireland U S S R and the Antarctic describing tundra and related ecosystems in a comparative manner Includes sections on the abiotic plant production and fauna components the decomposer cycle and the utilisation and conservation of tundra Reindeer Ecology and Management in Sweden Folke Skuncke, 1969 Report on the reindeer in Sweden reindeer pastures and their grading winter pasture supplies normal utilization of winter pasture and the economics of reindeer husbandry Arctic Ecosystems in a Changing Climate F. Stuart Chapin III, Robert L. Jefferies, James F. Reynolds, Gaius R. Shaver, Josef Svoboda, Ellen W. Chu, 2012-12-02 The arctic region is predicted to experience the earliest and most pronounced global warming response to human induced climatic change This book synthesizes information on the physiological ecology of arctic plants discusses how physiological processes influence ecosystem processes and explores how climate warming will affect arctic plants plant communities and ecosystem processes Reviews the physiological ecology of arctic plants Explores biotic controls over community and ecosystems processes Provides physiological bases for predicting how the Arctic will respond to global climate change Wildlife Production Systems Robert J. Hudson, K. R. Drew, L. M. Baskin, 1989-06 This book first published in 1989 examines the controversial position of commercial utilisation in relation to wildlife conservation Production of large mammals has earned respectability as an agricultural strategy and its evaluation has been listed as a priority requirement in the World Conservation Strategy However many authorities question whether wildlife production is a viable economic and environmental strategy and suggest that it runs counter to its claimed purpose This book evaluates this controversy by chronicling the changing role of wildlife and by reflecting on the implications of these trends The book should be of interest to people both applauding and deploring the use of wildlife in this economic role Cultivating Arctic Landscapes David George Anderson, David G. Anderson, Mark Nuttall, 2004 In the last two decades there has been an increased awareness of the traditions and issues that link aboriginal people across the circumpolar North One of the key aspects of the lives of circumpolar peoples be they in Scandinavia Alaska Russia or Canada is their relationship to the wild animals that support them Although divided for most of the 20th Century by various national trading blocks and the Cold War aboriginal people in each region share common stories about the various capitalist and socialist states that claimed control over their lands and animals Now aboriginal peoples throughout the region are reclaiming their rights. This volume is the first to give a well rounded portrait of wildlife management aboriginal rights and politics in the circumpolar north The book reveals unexpected continuities between socialist and capitalist ecological styles as well as addressing the problems facing a new era of cultural exchanges between aboriginal peoples in each region Decolonial Sweden Michael McEachrane, Louis Faye, 2024-12-16 Decolonial Sweden exposes the social and political

relevance of European colonialism to Sweden and its place in the world It is a book that points to why and how Sweden is to be included in global decolonial struggles Sweden is often displayed as an ethnoracially homogenous country without any colonial history an open and tolerant human rights champion anti racist anti colonial and in solidarity with the Global South For over twenty years authors Michael McEachrane and Louis Faye have been challenging this account pointing to Sweden s involvement in colonial histories and legacies its racialized nationhood and embedded colonial structures This important new book reflects a decolonial turn in research emphasizing that coloniality is far from over and that challenging global injustices remains an unfinished and open ended process Chapters in the book consider the resistance of the S mi people to Swedish colonialism whether Sweden owes the Caribbean reparations for its colonization of Saint Barth lemy and involvement in the transatlantic trade Sweden's involvement in a colonial global economy and how white European identification is embedded in Swedish politics nation building and society Engaging and insightful Decolonial Sweden invites readers to reconsider Swedish attitudes toward race colonialism and international relations This book is an essential read for Post and Decolonial scholars and students of Critical Race Studies Critical Indigenous Studies Africana Studies International Relations Global Development and Political Science as well as for anyone interested in Sweden's place in the world *Environment* Robert C. Wilkinson, William R. Freudenburg, 2007-12-12 Soon after the first Earth Day in 1970 the academic world saw a virtual explosion of new interdisciplinary environmental programs many of which took explicit note for the first time of the fact that environmental problems are inherently social problems as well Even in the new programs however issues of equity and the environment were usually relegated to isolated classes on environmental ethics Today they still are

Nord,2020-10-30 This book investigates the multifaceted nature of change in today s Nordic Arctic and the necessary research and policy development required to address the challenges and opportunities currently faced by this region It focuses its attention on the recent efforts of the Nordic community to create specialized Centers of Excellence in Arctic Research in order to facilitate this process of scientific inquiry and policy articulation The volume seeks to describe both the steps that lead to this decision and the manner in which this undertaking as evolved The work highlights the research efforts of the four Centers and their investigations of a variety of issues including those related to ecosystem and wildlife management the revitalization resource dependent communities the emergence of new climate born diseases and the development of adequate modeling techniques to assist northern communities in their efforts at adaptation and resilience building Major discoveries and insights arising from these and other efforts are detailed and possible policy implications considered The book also focuses attention on the challenges of creating and supporting multidisciplinary teams of researchers to investigate such concerns and the methods and means for facilitating their collaboration and the integration of their findings to form new and useful perspectives on the nature of change in the contemporary Arctic It also provides

helpful consideration and examples of how local and indigenous communities can be engaged in the co production of knowledge regarding the region The volume discusses how such research findings can be best communicated and shared between scientists policymakers and northern residents It considers the challenges of building common concern not just among different research disciplines but also between bureaucracies and the public Only when this bridge building effort is undertaken can true pathways to action be established Animals' Influence on the Landscape and Ecological **Importance** Friedrich-Karl Holtmeier, 2014-10-22 In its first English language edition this book introduces the many faceted interactions of animal populations with their habitats From soil fauna ants and termites to small and large herbivores burrowing mammals and birds the author presents a comprehensive analysis of animals and ecosystems that is as broad and varied as all nature Chapter 2 addresses the functional role of animals in landscape ecosystems emphasizing fluxes of energy and matter within and between ecosystems and the effects of animals on qualitative and structural habitat change Discussion includes chapters on the role of animal population density and the impacts of native herbivores on vegetation and habitats from the tropics to the polar regions Cyclic mass outbreaks of species such as the larch bud moth in Switzerland the mountain pine beetle and the African red billed weaver bird are described and analyzed Other chapters discuss Zoochory the dispersal of seeds by ants mammals and birds and the influence of burrowing animals on soil development and geomorphology Consideration extends to the impact of feral domestic animals Chapter 5 focuses on problems resulting from introduction of alien animals and from re introduction of animal species to their original habitats discusses the effects on ecosystems of burrowing digging and trampling by animals The author also addresses keystone species such as kangaroo rats termites and beavers Chapter 6 addresses the role of animals in landscape management and nature conservation with chapters on the impact of newcomer species such as animals introduced into Australia New Zealand and Europe and the consequences of reintroduction of species to original habitat It also discusses the carrying capacity of natural habit public attitudes toward conversation and more The final section ponders the effects of climate on interactions between animals and their habitats

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#### **Table of Contents Reindeer Ecology Management In Sweden**

- 1. Understanding the eBook Reindeer Ecology Management In Sweden
  - The Rise of Digital Reading Reindeer Ecology Management In Sweden
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Reindeer Ecology Management In Sweden
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Reindeer Ecology Management In Sweden
  - User-Friendly Interface

- 4. Exploring eBook Recommendations from Reindeer Ecology Management In Sweden
  - Personalized Recommendations
  - Reindeer Ecology Management In Sweden User Reviews and Ratings
  - Reindeer Ecology Management In Sweden and Bestseller Lists
- 5. Accessing Reindeer Ecology Management In Sweden Free and Paid eBooks
  - Reindeer Ecology Management In Sweden Public Domain eBooks
  - Reindeer Ecology Management In Sweden eBook Subscription Services
  - Reindeer Ecology Management In Sweden Budget-Friendly Options
- 6. Navigating Reindeer Ecology Management In Sweden eBook Formats
  - ePub, PDF, MOBI, and More
  - Reindeer Ecology Management In Sweden Compatibility with Devices
  - Reindeer Ecology Management In Sweden Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Reindeer Ecology Management In Sweden
  - Highlighting and Note-Taking Reindeer Ecology Management In Sweden
  - Interactive Elements Reindeer Ecology Management In Sweden
- 8. Staying Engaged with Reindeer Ecology Management In Sweden
  - o Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Reindeer Ecology Management In Sweden
- 9. Balancing eBooks and Physical Books Reindeer Ecology Management In Sweden
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Reindeer Ecology Management In Sweden
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Reindeer Ecology Management In Sweden
  - Setting Reading Goals Reindeer Ecology Management In Sweden
  - Carving Out Dedicated Reading Time

- 12. Sourcing Reliable Information of Reindeer Ecology Management In Sweden
  - Fact-Checking eBook Content of Reindeer Ecology Management In Sweden
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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