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Nota di contenuto	Intro -- RODENTSHABITAT, PATHOLOGY AND ENVIRONMENTAL IMPACT -- ANIMAL SCIENCE, ISSUES AND PROFESSIONS -- RODENTSHABITAT, PATHOLOGY AND ENVIRONMENTAL IMPACT -- LIBRARY OF CONGRESS CATALOGING-IN-PUBLICATION DATA -- CONTENTS -- PREFACE -- CHAPTER 1. RODENTS IN URBAN ECOSYSTEMS OF RUSSIA AND THE USA -- ABSTRACT -- TERMINOLOGY AND DIFFERENCES IN TERMS BETWEEN WESTERN AND RUSSIAN LITERATURES -- SPECIFIC CHARACTERISTICS OF URBAN TERRITORIES AS AN ENVIRONMENT FOR RODENTS -- BIOLOGICAL TRAITS OF URBAN RODENTS -- NORWAY RATS -- BLACK RATS -- HOUSE MICE -- WILD RODENTS WITHIN URBAN TERRITORIES -- REFERENCES -- CHAPTER 2. EXTRINSIC AND INTRINSIC FACTORS OF REGULATION OF REPRODUCTIVE POTENTIAL IN THE WATER VOLE (ARVICOLA AMPHIBIUS) POPULATION FROM WESTERN SIBERIA -- ABSTRACT -- INTRODUCTION -- POPULATION REGULATION IN REPRODUCTIVE SEASON -- Material and Methods -- Results and Discussion -- WINTER FACTORS OF POPULATION REGULATION -- Material and Methods -- Results and Discussion -- CONCLUSION -- ACNOWLEDGMENTS -- REFERENCES -- CHAPTER 3. RODENTS AND SPACE: WHAT BEHAVIOR DO WE STUDY UNDER SEMI-NATURAL AND LABORATORY CONDITIONS? -- INTRODUCTION -- REFERENCES -- CHAPTER 4. PROECHIMYS: A RODENT STILL POORLY UNDERSTOOD -- ABSTRACT -- INTRODUCTION -- PROECHIMYS TAXONOMY --

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PRACTICES AND HUMAN ACTIVITIES ON RODENT POPULATIONS --  
DECISION SUPPORT SYSTEMS -- RESEARCH NEEDS AND FUTURE  
PROSPECTS -- REFERENCES -- INDEX.

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#### Sommario/riassunto

This book gathers topical research from across the globe in the study of the habitat, pathology and environmental impact of the rodent population. Topics discussed include rodents in urban ecosystems of Russia and the USA; the European water vole of Western Siberia; a study of rodents in field investigations; the potential use of Proechimys (spiny rat) in the field of neuroscience; niche overlap and resource partitioning among three urban rodent species; helminth parasites of hydromyine rodents from the island of New Guinea and rodent management in animal farms by anticoagulant rodenticides.

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