Animal Behavior Desk Reference Crc Press 2011

Animal Behavior Desk Reference (CRC Press, 2011): A Comprehensive Guide for Students and Researchers

The 2011 *Animal Behavior Desk Reference*, published by CRC Press, stands as a valuable resource for anyone seriously studying animal behavior. This comprehensive guide offers a wealth of information, ranging from fundamental concepts to advanced techniques, making it an indispensable tool for students, researchers, and professionals alike. This article will delve into the book's key features, benefits, and applications, highlighting its enduring relevance in the field of **animal ethology**. We'll also explore its practicality for students learning about **animal communication** and its utility in understanding the intricate mechanisms of **social behavior in animals**. Further, we'll examine its role in **behavioral ecology** research.

Introduction: A Concise Overview of the Desk Reference

The *Animal Behavior Desk Reference* is not just another textbook; it's a meticulously compiled collection of essential information presented in a concise and easily accessible format. Unlike lengthy treatises, this book prioritizes practicality, providing quick access to definitions, concepts, methodologies, and essential data. Its focus on providing a condensed yet thorough resource makes it ideal for quick reference during lectures, fieldwork, or research. The book excels at bridging the gap between theoretical knowledge and practical application, making complex topics more understandable.

Benefits of Using the Animal Behavior Desk Reference (2011)

The benefits of using the *Animal Behavior Desk Reference* are numerous and extend across various aspects of studying animal behavior.

- **Concise and Accessible Information:** The book's strength lies in its ability to deliver a large amount of information in a compact and user-friendly manner. Essential concepts are explained clearly and concisely, making it easy to find the specific information needed quickly. This is particularly useful for students needing a quick refresher or researchers seeking specific data points.
- **Broad Coverage of Key Topics:** The *Animal Behavior Desk Reference* covers a wide range of topics, including sensory biology, communication, social behavior, learning, and behavioral ecology. This broad scope makes it a versatile resource suitable for various levels of study and research.
- **Practical Applications and Methodologies:** The book doesn't just present theoretical concepts; it also provides practical guidance on various research methodologies, including data collection, analysis, and interpretation. This practical element distinguishes it from many purely theoretical texts on animal behavior.
- **Valuable Resource for Fieldwork:** Its compact size and comprehensive content make it an ideal companion for fieldwork. Researchers can easily carry it into the field to access critical information quickly and efficiently, aiding in real-time analysis and decision-making.
- **Updated Glossary and Terminology:** The *Animal Behavior Desk Reference* includes a well-maintained glossary defining key terms, ensuring consistent understanding and facilitating effective communication within the field of animal behavior studies.

Usage and Application of the Desk Reference in Different Contexts

The *Animal Behavior Desk Reference* finds applications in several contexts:

- **Undergraduate and Graduate Education:** The book serves as an excellent supplementary resource for undergraduate and graduate courses in animal behavior, zoology, and ecology. Its concise format makes it easy to integrate into coursework without overwhelming students.
- **Research and Field Studies:** Researchers utilize it for quick access to key concepts, methodologies, and data related to their research projects. Its portability makes it invaluable for fieldwork, enabling on-the-spot reference and analysis.
- **Professional Practice:** Professionals in fields such as wildlife management, conservation biology, and animal welfare can benefit from the practical guidance and information provided in the book.
- **Self-Study and Professional Development:** Individuals seeking to enhance their knowledge of animal behavior can effectively use the book for self-study and professional development. Its structure allows for focused learning on specific topics.

Critique and Limitations of the 2011 Edition

While the *Animal Behavior Desk Reference* (2011) offers many advantages, it's important to acknowledge its limitations. The rapid advancements in animal behavior research mean that some information may be outdated. The absence of extensive illustrations or visual aids might be a drawback for visual learners. The lack of interactive elements or online supplementary materials could be considered a limitation compared to modern digital resources. However, its strength lies in its concise, clearly written presentation of core concepts, making it a useful foundational text even considering these limitations.

Conclusion: A Lasting Contribution to the Field

The *Animal Behavior Desk Reference* (CRC Press, 2011) remains a valuable resource for students and researchers in the field of animal behavior. Despite its age, its concise nature, comprehensive coverage, and practical approach to essential concepts continue to make it a useful tool. While newer publications may offer more up-to-date research, the foundational knowledge presented in this desk reference remains highly relevant and provides a

strong basis for understanding animal behavior. Its focus on providing quick access to vital information makes it an asset for both classroom learning and field research.

Frequently Asked Questions (FAQ)

Q1: Is the *Animal Behavior Desk Reference* suitable for beginners in animal behavior?

A1: While the book is concise, it assumes a basic understanding of biological principles. Beginners may find some sections challenging without prior exposure to fundamental concepts in biology and animal behavior. However, it can serve as a valuable supplemental text alongside a more introductory course or textbook.

Q2: How does the *Animal Behavior Desk Reference* compare to other animal behavior textbooks?

A2: Unlike comprehensive textbooks that delve deeply into specific topics, this desk reference prioritizes breadth over depth. It provides a concise overview of many aspects of animal behavior, making it a valuable supplementary resource to more detailed texts. Its value lies in its accessibility and ease of use for quick reference.

Q3: Are there any online resources that complement the book?

A3: Unfortunately, the 2011 edition doesn't have accompanying online resources. However, numerous online journals, databases, and websites focusing on animal behavior can supplement the book's information, especially for the most current research.

Q4: What specific areas of animal behavior are covered extensively in the book?

A4: The book provides comprehensive coverage of various areas, including animal communication, social behavior (**social structures** in animal groups), sensory biology, learning, and behavioral ecology. It also touches upon various research methodologies used in the field.

Q5: Can this book replace a full animal behavior textbook?

A5: No, this desk reference shouldn't replace a full textbook. It's designed as

a supplementary resource, providing concise summaries and quick access to information. A comprehensive textbook is necessary for in-depth understanding and broader exploration of specific topics.

Q6: What makes this desk reference unique compared to similar reference books?

A6: Its unique feature lies in the comprehensive nature of its coverage within a compact format, making it extremely portable and useful for both academic settings and fieldwork. The concise writing style and clear organization facilitate quick information retrieval.

Q7: Is this reference book still relevant in 2024?

A7: While some specific research findings might be outdated, the core principles and foundational knowledge presented in the *Animal Behavior Desk Reference* remain relevant. It provides a solid foundation upon which to build a deeper understanding of animal behavior, even when supplemented with more recent research.

Q8: Where can I purchase a copy of the *Animal Behavior Desk Reference* (2011)?

A8: Used copies can often be found on online marketplaces like Amazon, eBay, and Abebooks. Check university libraries and online booksellers specializing in scientific texts as well.

Decoding the Animal Kingdom: A Deep Dive into the "Animal Behavior Desk Reference" (CRC Press, 2011)

The investigation of animal behavior is a engrossing field, overflowing with wonder. Understanding why animals act the way they do offers invaluable understanding into evolutionary processes and the intricate relationships within ecosystems. The 2011 CRC Press publication, "Animal Behavior Desk Reference," acts as a complete and handy guide for anyone wanting to immerse into this dynamic area of zoology. This article will examine the book's content, its strengths, and its useful applications.

The "Animal Behavior Desk Reference" isn't your typical textbook. It's a carefully curated collection of essential information structured for quick

access. The publication's power lies in its conciseness and useful orientation. Instead of detailed chapters, it shows core concepts in bite-sized segments, making it ideal for students requiring fast solutions to specific inquiries.

The reference includes a extensive array of matters, including interaction among animals, mating systems, group behavior, foraging approaches, protection, travel, and adaptive elements of behavior. Each chapter presents a succinct overview of the topic, followed by lucid interpretations, pertinent illustrations, and important terms.

One of the most valuable features of the "Animal Behavior Desk Reference" is its extensive directory. This allows users to quickly discover precise data without spending effort browsing through extensive content. The reference's organization is also well-designed to ease use.

The practical implementations of the "Animal Behavior Desk Reference" are numerous. It's an essential resource for undergraduate scholars in zoology, environmental preservation, and pet medicine. The reference can also be employed by nature enthusiasts, zookeepers, and anyone interested in understanding more about animal behavior.

In conclusion, the "Animal Behavior Desk Reference" (CRC Press, 2011) offers a valuable and accessible guide for learning the complex world of animal behavior. Its brief format, extensive listing, and clear writing make it an essential asset for professionals at all degrees of expertise.

Frequently Asked Questions (FAQs):

1. **Q: Is this book suitable for beginners?**

A: Yes, the book's concise style and clear explanations make it accessible to beginners while still providing valuable information for experienced researchers.

2. **Q: What makes this book different from other animal behavior texts?**

A: Its focus is on providing quick access to key information, making it a practical desk reference rather than an in-depth textbook.

3. **Q: Does the book include illustrations or diagrams?**

A: While not heavily illustrated, the book uses diagrams and tables where

appropriate to enhance understanding.

4. **Q: Is the "Animal Behavior Desk Reference" still relevant today?**

A: While newer research constantly updates the field, the foundational concepts covered remain highly relevant and provide a solid base for further learning.

5. **Q: Where can I purchase this book?**

A: The book can be obtained through various virtual retailers and potentially some traditional bookstores.

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