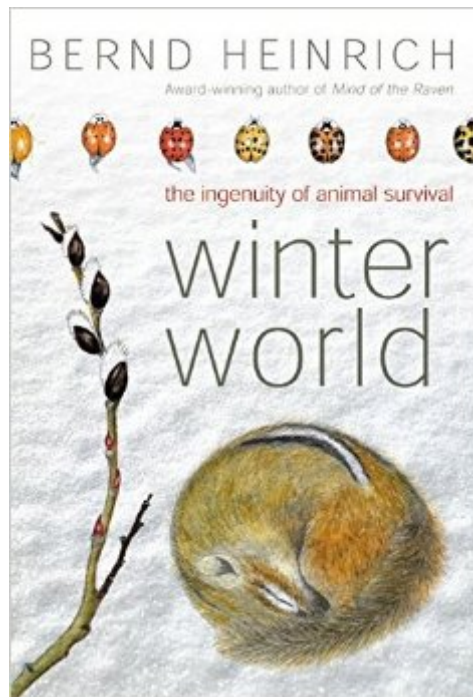


The book was found

Winter World: The Ingenuity Of Animal Survival



Synopsis

From flying hot-blooded squirrels and diminutive kinglets to sleeping black bears and torpid turtles to frozen insects and frogs, the animal kingdom relies on staggering evolutionary innovations to survive winter. Unlike their human counterparts, who alter the environment to accommodate physical limitations, most animals are adapted to an amazing range of conditions. In *Winter World: The Ingenuity of Animal Survival*, biologist, illustrator, and award-winning author Bernd Heinrich explores his local woods, where he delights in the seemingly infinite feats of animal inventiveness he discovers there. Because winter drastically affects the most elemental component of all life -- water -- radical changes in a creature's physiology and behavior must take place to match the demands of the environment. Some creatures survive by developing antifreeze; others must remain in constant motion to maintain their high body temperatures. Even if animals can avoid freezing to death, they must still manage to find food in a time of scarcity, or store it from a time of plenty. Beautifully illustrated throughout with the author's delicate drawings and infused by his inexhaustible enchantment with nature, *Winter World: The Ingenuity of Animal Survival* awakens the wonders and mysteries by which nature sustains herself through winter's harsh, cruel exigencies.

Book Information

Hardcover: 368 pages

Publisher: Ecco; 1 edition (January 2003)

Language: English

ISBN-10: 0060197447

ISBN-13: 978-0060197445

Product Dimensions: 6.1 x 1.3 x 9 inches

Shipping Weight: 1.5 pounds

Average Customer Review: 4.6 out of 5 stars [See all reviews](#) (66 customer reviews)

Best Sellers Rank: #453,121 in Books (See Top 100 in Books) #124 in [Books > Science & Math > Biological Sciences > Zoology > Animal Behavior & Communication](#) #512 in [Books > Science & Math > Biological Sciences > Animals > Wildlife](#) #1133 in [Books > Science & Math > Biological Sciences > Ecology](#)

Customer Reviews

If you have enjoyed the nature writing of Farley Mowat or David Attenborough (*The Life of Birds*, *The Private Life of Plants*), you'll enjoy this wonderful book. There are books on nature which are dry and distanced: this is just the opposite. There are also books on nature which are primarily observational,

such as Thoreau's Walden Pond and Annie Dillard's Pilgrim at Tinker Creek. Neither Thoreau nor Annie Dillard measured the rectal temperature of insects in the winter to help determine the mechanics of heat regulation. Most of the mammals, birds, insects, and trees looked at by the author are his neighbors in the winter woods: the love and enjoyment and the curiosity about his environment is very evident. He wants to know what these creatures do to cope and survive the severe winters where he lives in Maine and Vermont. Heinrich writes with great warmth and humor throughout the book. You'll follow his thoughts and discoveries about how the tiny golden-crowned kinglet survives the winter, when logic seems to say that it shouldn't even survive a single below-zero night. On sunny days, even when the temperature is well below freezing, several dozen honeybees may emerge from the hive and just a few seconds later will all be lying dead on the snow: this is a sacrificial testing mechanism by the hive to ensure that when the first flowers open up that a head start can be obtained for foraging. There are all kinds of fascinating things that you could never imagine going on. Most of the nature in the book centers on Heinrich's own environment, but he also readily and often talks at length about other species from around the world.

[Download to continue reading...](#)

Winter World: The Ingenuity of Animal Survival Survival: Survival Guide: Survival Skills, Survival Tools, & Survival Tactics. Emergency Prepping, & Surviving A Disaster! (First Aid, Survival Skills, Emergency ... Medicine, Bushcraft, Home Defense Book 1) WINTER SURVIVAL COURSE HANDBOOK, SURVIVAL MANUAL, SURVIVAL GUIDE Survival Communication: 20 Proven Lessons to Stay In Touch With Your Family When the World Goes Silent: (Prepper's Guid, Survival Guide, Survivalist, Safety, ... Survival Skills Book) (Survival Books) The Octopus and the Orangutan: More True Tales of Animal Intrigue, Intelligence, and Ingenuity Paracord: The Ultimate Paracord Projects - Learn How To Use Paracord For Survival (Survival Guide, Bracelet And Survival Kit, Prepper's Survival) Bushcraft Survival Guide: Important Bushcraft Skills To Survive In The Wild: (Bushcraft Outdoor Skills, Bushcraft Carving, Bushcraft Cooking, Bushcraft ... Survival Books, Survival, Survival Books) SURVIVAL: Survival Pantry: A Prepper's Guide to Storing Food and Water (Survival Pantry, Canning and Preserving, Prepper's Pantry, Canning, Prepping for Survival) Survival: DIY Survival Guide - Tactics That Everyone Should Know - Learn How to Survive a Disaster (Survival, Survival Guide, Prepping, SHTF Book 1) The Ultimate Survival Guide for Beginners: The Best Tactics And Tips To Survive Urban And Wilderness Disasters (Survival Guide, Survival for Beginners, Survival books) Build a Survival Safe Home: The Latest Guide for Building Safe and Warm Wilderness Shelters (Survival Safe Home, Survival shelter, Survival shelter books) Survival Medicine Handbook: Essential Things Every Medicine Kit Needs And First-aid In Case Of

Emergency: (Survival Books, Survival Guide, Survivalist, ... (Survival Skills Book, Emergency Medicine) SURVIVAL MEDICINE: Your Guide to Survival Basics, First Aid and the Most Common Medical Issues Encountered In Survival Situations (Survivalist, Safety, First Aid, Emergency, Survival Skills Book 1) Survival How To Disappear Without a Trace, Find Food, Shelter and Water in Any Wilderness: (Survival Tactics, Survival Navigation) (Prepper Survival, How to Survive in The Forest) American Acrostics Volume 2: American Ingenuity IRA: The Bombs and the Bullets: A History of Deadly Ingenuity TFS Ingenuity: The Terran Fleet Command Saga - Book 1 Complete Scoundrel: A Player's Guide to Trickery and Ingenuity (Dungeons & Dragons d20 3.5 Fantasy Roleplaying) Jenny's Winter Walk: A Kids Yoga Winter Book The Winter Garden (Plants and Gardens, Brooklyn Botanic Garden Record, Vol 47, No 4, Winter 1991)

[Dmca](#)