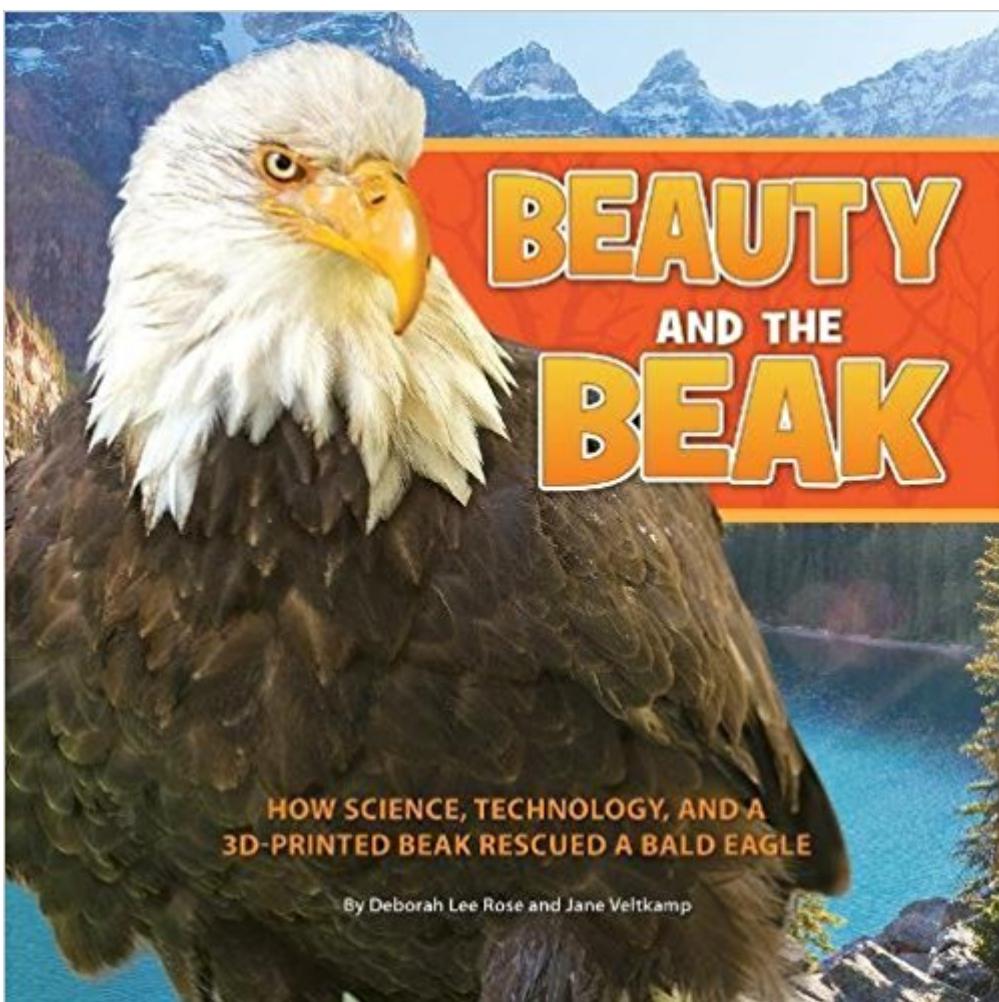


The book was found

Beauty And The Beak: How Science, Technology, And A 3D-Printed Beak Rescued A Bald Eagle



Synopsis

BEAUTY AND THE BEAK is a new, nonfiction picture book about Beauty, the wild bald eagle that made world news when she was illegally shot, rescued, and received a pioneering, 3D-printed prosthetic beak. BEAUTY AND THE BEAK follows Beauty close up from the moment she uses her baby beak to emerge from her egg, through her hunt when she uses her powerful adult beak to feed herself, to the day her beak is shot off leaving her helpless. This brave and heartlifting story continues through her rescue, into the months of engineering her 3D-printed prosthetic beak and intense hours of her beak surgery, to the moment she takes the first drink of water by herself with her new beak. BEAUTY AND THE BEAK captures the spirit and courage of this amazing bird and America's national symbol whose species was nearly wiped out by human activity, only to be restored and thriving because of environmental conservation and human compassion. This book will resonate with stories of other animals endangered or in need, and with stories of humans, from young children to military veterans, in need of prosthetic limbs, who are being given new lives with state-of-the-art devices. The book includes expanded information about bald eagles as a top predator species, their near extinction in most of the U.S., their successful reintroduction back into the wild, and efforts to conserve this critical raptor species today.

Book Information

Hardcover: 40 pages

Publisher: Persnickety Press (August 27, 2017)

Language: English

ISBN-10: 194397828X

ISBN-13: 978-1943978281

Product Dimensions: 10.3 x 0.7 x 10.1 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #221,249 in Books (See Top 100 in Books) #213 in Books > Science & Math > Biological Sciences > Animals > Birds & Birdwatching > Field Guides #285 in Books > Science & Math > Nature & Ecology > Field Guides #1080 in Books > Science & Math > Nature & Ecology > Conservation

Customer Reviews

There are so many lessons to be learned by the story of Beauty |relevant and inspiring. Three words: 3D. Printed. Beak. Oh, COME ON. You aren't impressed? Well

check out the backmatter on this book and you will be. It's insane! • (Elizabeth Bird http://blogs.slj.com/afuse8production/2017/05/03/celebrating-small-publishers-an-array-of-remarkable-2017-titles-from-the-smallest-houses/#_) A heart lifting story! • Offer this heartwarming example of animal rehabilitation to fans of *Winter's Tail*, by Juliana, Isabella, and Craig Hatkoff (2009), and similar stories. • Pull quote: An uplifting tale...Beauty's story and the success of efforts to protect Bald Eagles demonstrate the importance of wildlife conservation. Beauty and the Beak makes these concepts accessible to young readers, and encourages them to grow into environmentally- conscious and responsible adults. •

Deborah Lee Rose is an internationally published, award-winning author of many beloved children's books. Her newest book *Beauty and the Beak: The Inspiring Story of a Bald Eagle and Her 3D-Printed Prosthetic Beak* is a CALIFORNIA READS recommended title of the California Teachers Association. *Jimmy the Joey: The True Story of an Amazing Koala Rescue* is a Reading is Fundamental/Macy's Multicultural Collection title and Notable Social Studies Trade Book for Students K-12. *Into the A, B, Sea* was named to the NY Times 100 Books to Read and Share. Deborah helped create and directed communications for the ALA/AASL award-winning, national STEM education website Howtosmile.org, and helped created STEM activity apps for Lawrence Hall of Science which have been downloaded more than one million times. She also served as Director of Communications for Lindsay Wildlife Experience, which includes the first wildlife rehabilitation hospital established in the U.S. Deborah lives in Walnut Creek, CA, in the San Francisco Bay area and speaks at book events, conferences, schools and libraries across the country. Visit her website at deborahleerose.com. Jane Veltkamp is a raptor biologist and rehabilitator, wildlife educator, trained nurse, and master falconer. She led the team who developed *Beauty the bald eagle*'s prosthetic beak and has lifetime care of *Beauty*, on which *Beauty and the Beak* was based. Jane is founder and executive director of Birds of Prey Northwest, in Idaho, a raptor center which educates the public about raptor conservation, including through live raptor programs, and has provided medical treatment and rehabilitation to thousands of injured birds of prey to return them to the wild. She spent ten years of her career reintroducing ospreys and peregrine falcons to regions where they had disappeared from their habitat in South Dakota and Indiana. She rescues and cares for bald eagles, including *Beauty*, by permit from the U.S. Fish and Wildlife Service. Jane lives near Coeur d'Alene, Idaho, and is also the eagle expert for the Coeur d'Alene Tribe's Native American Aviaries. Visit her website at birdsofpreynorthwest.org.

BEAUTY AND THE BEAK is a narrative non-fiction picture book about the life of an American bald eagle, named Beauty. Fittingly, the book is published by the Cornell Lab of Ornithology. The story takes young readers on a journey that begins with the birth of the protagonist in nest high in a tree. The eagle's idyllic lifestyle, like her beak, is shattered one day by a hunter's bullet. A caring policeman, then a wildlife center, help the injured eagle. Eventually she is taken to a raptor center (by one of the co-authors!), and is provided with a 3-D printed prosthetic beak. Young readers will feel empathy for the injured animals, and are given a positive lesson about caring for our fellow inhabitants of Earth. Deborah Lee Rose is an award-winning children's book author, and her co-author, Jane Veltkamp, is a raptor biologist and rehabilitator. The influence of the latter is clear, as both the story and the end notes (clocking in at an unusually large, but welcome, 16 pages) are jam-packed with information about eagles. The book's word count and lexile level are relatively high for a picture book, but work well with the book's science focus. BEAUTY AND THE BEAK is filled with eagle photos from the U.S. Fish and Wildlife Service's National Digital Library. These are complemented by lovely, subtle background illustrations, giving the book the warm, welcoming feel of a scrapbook. Overall, this is a terrific book to feed your own fledglings, and encourage interest in both nature and becoming a caring person.

Can a 3-D printer save an eagle's life? Well of course it can. Readers will delight in this story that follows a female eagle. The Bald eagle is a magnificent bird. This year, 2017, marks the 10th anniversary of this species being removed from the Endangered Threatened Species list. Readers will follow the story of Beauty. Fantastic photos invite readers to see her soar and share her life's journey from the time she hatched until the moment her life tragically changed. These magnificent photos capture Beauty encountered in battles with other eagles over territory, how she caught fish for food and even what she looked like after being shot. Beauty's beak was shattered after a gunshot wound from a hunter. Found by a police officer, she was taken to Janie, a raptor biologist. After some help from a few dentist friends, Beauty had a new 3-D printer beak. Parents and teachers can engage kids with dialogue surrounding eagles, endangered species and science. This true story will inspire students to learn more about helping the environment and endangered species.

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

Beauty and the Beak: How Science, Technology, and a 3D-Printed Beak Rescued a Bald Eagle
Inside a Bald Eagle's Nest: A Photographic Journey Through the American Bald Eagle Nesting
Season Bald n Dashing!: Hair Loss by Chance, Bald by Choice! Hair Loss: 5 Easy Steps To Stop

and Prevent Hair Loss (hair loss, hair care, bald, beauty care, personal hygiene, natural health remedies, personal health care) The Beak of the Finch: A Story of Evolution in Our Time The Beak of the Finch Publisher: Vintage Mercies in Disguise: A Story of Hope, a Family's Genetic Destiny, and the Science That Rescued Them Introduction to Nanoscale Science and Technology (Nanostructure Science and Technology) Science and Technology in the Global Cold War (Transformations: Studies in the History of Science and Technology) Foresight for Science, Technology and Innovation (Science, Technology and Innovation Studies) Advances in Corrosion Science and Technology: Volume 6 (Advances in Corrosion Science & Technology) Holt Science & Technology: Microorganisms, Fungi, and Plants Course A (Holt Science & Technology [Short Course]) Advances in Nuclear Science and Technology: Volume 22 (Advances in Nuclear Science & Technology) Understanding Health Insurance: A Guide to Billing and Reimbursement (with Premium Web Site, 2 terms (12 months) Printed Access Card and Cengage EncoderPro.com Demo Printed Access Card) Understanding ICD-10-CM and ICD-10-PCS: A Worktext (with Cengage EncoderPro.com Demo Printed Access Card and Premium Web Site, 2 terms (12 months) Printed Access Card) Database Systems: Design, Implementation, and Management (with Premium WebSite Printed Access Card and Essential Textbook Resources Printed Access Card) Getting It Printed: How to Work With Printers and Graphic Imaging Services to Assure Quality, Stay on Schedule and Control Costs (Getting It Printed) 4th Edition Essential Jazz (with CourseMate Printed Access Card and Download Card for 2-CD Set Printed Access Card) Bundle: NUTR, 2nd + Online, 1 term (6 months) Printed Access Card + Diet and Wellness Plus, 1 term (6 months) Printed Access Card Bundle: M&B 3 + CourseMate, 1 term (6 months) Printed Access Card + LMS Integrated for Aplia®, 1 term Printed Access Card

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)