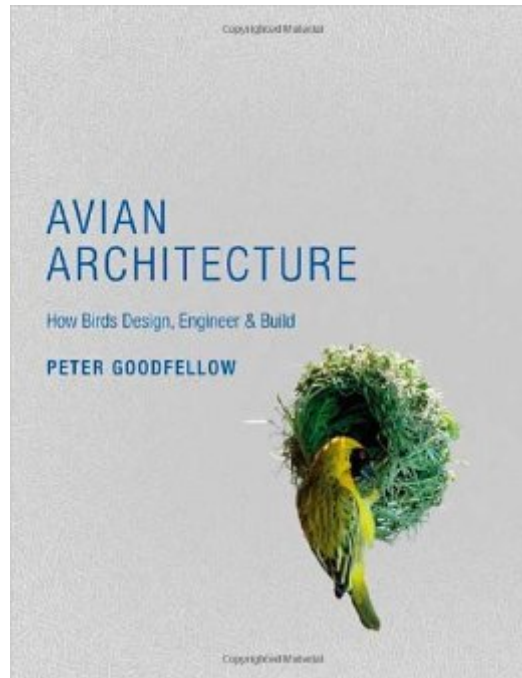


The book was found

# Avian Architecture: How Birds Design, Engineer, And Build



## Synopsis

Birds are the most consistently inventive builders, and their nests set the bar for functional design in nature. *Avian Architecture* describes how birds design, engineer, and build their nests, deconstructing all types of nests found around the world using architectural blueprints and detailed descriptions of the construction processes and engineering techniques birds use. This spectacularly illustrated book features 300 full-color images and more than 35 case studies that profile key species worldwide. Each chapter covers a different type of nest, from tunnel nests and mound nests to floating nests, hanging nests, woven nests, and even multiple-nest avian cities. Other kinds of avian construction--such as bowers and harvest wells--are also featured. *Avian Architecture* includes intricate step-by-step sequences, visual spreads on nest-building materials and methods, and insightful commentary by a leading expert. Illustrates how birds around the world design, engineer, and build their nests Features architectural blueprints, step-by-step sequences, visual spreads on nest-building materials and methods, and expert commentary Includes 300 full-color images Covers more than 100 bird species worldwide

## Book Information

Hardcover: 160 pages

Publisher: Princeton University Press; F First Edition edition (June 5, 2011)

Language: English

ISBN-10: 069114849X

ISBN-13: 978-0691148496

Product Dimensions: 8.4 x 0.7 x 10.2 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 starsÂ Â See all reviewsÂ (23 customer reviews)

Best Sellers Rank: #211,634 in Books (See Top 100 in Books) #74 inÂ Books > Law > Estate

Planning > Estates & Trusts #92 inÂ Books > Science & Math > Biological Sciences > Zoology > Ornithology #140 inÂ Books > Law > Legal Self-Help

## Customer Reviews

This spring I had a great time watching robins hop around my yard, picking out old plant stalks and other bits and pieces to build their nests. There was a pair working on a nest in the rose trellis over our front sidewalk -- always an exciting location, because we can watch the parents feed their babies from our porch. Plus, every time someone passes through our front gate a bird comes flying out! Most nests are a little harder to see. They're usually in out-of-the-way places, and sometimes

fiercely protected -- as I once learned when some mockingbirds built a nest in my hedge (I was seriously concerned for a minute there that my eyes would get pecked out). And actually, it's bad when humans get too close to bird nests anyway -- some species will abandon a nest if they are too bothered by the intrusion. Peter Goodfellow gives us a better look in his book *Avian Architecture*, which won the 2011 American Publishers Awards for Professional and Scholarly Excellence (The PROSE Awards) in Popular Science & Popular Mathematics. Just take a moment to marvel at the diversity of bird nests. They range in complexity from the barely-there scrapes in the ground of the arctic tern to the elaborately woven nest of the oropendula; they range in size from the super-tiny cup nest of the ruby-throated hummingbird to the six-foot-deep and six-foot-wide nest of the African white stork. In addition to grasses and twigs, birds use rocks, mud, cacti, lichen, dandelion seeds, caterpillar silk, animal hairs, and spiderwebs to build their nests. Most surprising, perhaps, is the edible-nest swiftlet, which makes its nest entirely out of spit.

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

*Avian Architecture: How Birds Design, Engineer, and Build* Avian Evolution: The Fossil Record of Birds and its Paleobiological Significance (TOPA Topics in Paleobiology) Machinery's Handbook 25 : A Reference Book for the Mechanical Engineer, Designer, Manufacturing Engineer, Draftsman, Toolmaker, and Machinist (Black and White) Birds of the West Indies: A Guide to the species of birds that inhabit the Greater Antilles, Lesser Antilles and Bahama Islands Birds from Wood: Making Decoys and Other Birds Birds Of The Bahama Islands: Containing Many Birds New To The Islands, And A Number Of Undescribed Winter Plumages Of North American Species Rendering in SketchUp: From Modeling to Presentation for Architecture, Landscape Architecture, and Interior Design Computer Architecture, Fifth Edition: A Quantitative Approach (The Morgan Kaufmann Series in Computer Architecture and Design) Computer Architecture: A Quantitative Approach (The Morgan Kaufmann Series in Computer Architecture and Design) Birds of the Pacific Northwest: How to Identify 25 of the Most Popular Backyard Birds How to Build and Use Electronic Devices Without Frustration Panic Mountains of Money or an Engineer Degree Avian Influenza and Newcastle Disease: A Field and Laboratory Manual Flow-Induced Pulsation and Vibration in Hydroelectric Machinery: Engineer's Guidebook for Planning, Design and Troubleshooting Sturkie's Avian Physiology, Fifth Edition Avian Influenza (Monographs in Virology, Vol. 27) Avian Influenza: OIE/FAO International Conference, Paris, April 2005: Proceedings (Developments in Biologicals, Vol. 124) Blackwell's Five-Minute Veterinary Consult: Avian Avian Immunology, Second Edition Avian Immunology Atlas of Avian Radiographic Anatomy

[Dmca](#)