

Animal Architecture

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Animal Architecture Mike Hansell 2005-01-27 Construction behaviour occurs across the entire spectrum of the animal kingdom and affects the survival of both builders and other organisms associated with them. Animal Architecture provides a comprehensive overview of the biology of animal building. The book recognizes three broad categories of built structure: homes, traps, and courtship displays. Even though some of these structures are complex and very large, the behaviour required to build them is generally simple and the anatomy for building unspecialized. Standardization of building materials helps to keep building repertoires simple, while self-organizing effects help create complexity. In a case-study approach to function, insects demonstrate how homes can remain operational while they grow, spiderwebs illustrate mechanical design, and the displays of bowerbirds raise the possibility of persuasion through design rather than just decoration. Studies of the costs to builders provide evidence of optimal designs and of trade-offs with other life history traits. As ecosystem engineers, the influence of builders is extensive and their effect is generally to enhance biodiversity through niche construction. Animal builders can therefore represent model species for the study of the emerging subject of environmental inheritance. Building, and in particular building with silk, has been demonstrated to have important evolutionary consequences. This book is intended for students and researchers in comparative animal biology, but will also be of relevance and use to the increasing numbers of architects and civil engineers interested in developing ideas from the animal kingdom.

Architecture, Animal, Human Catherine T. Ingraham 2006-02-02 This book looks at specific instances in the Renaissance, Enlightenment and our own time when architectural ideas and ideas of biological life come into close proximity with each other. These convergences are fascinating and complex, offering new insights into architecture and its role. Establishing architecture as a product of the ascendancy of the position of human life, the author shows here that while architecture is dependent on life forces for its existence, at the same time it must be, at some level, indifferent to the life within it. Life, for its part, privileges itself above all else, and seeks to continuously expand its field of expression. This, then, is the asymmetrical condition, and to understand it is to gain important new theoretical perspectives into the nature of architecture.

An Immense World Ed Yong 2022-06-21 NEW YORK TIMES BESTSELLER • A “thrilling” (The New York Times), “dazzling” (The Wall Street Journal) tour of the radically different ways that animals perceive the world that will fill you with wonder and forever alter your perspective, by Pulitzer Prize-winning science journalist Ed Yong “One of this year’s finest works of narrative nonfiction.”—Oprah Daily ONE OF THE TEN BEST BOOKS OF THE YEAR: The Wall Street Journal, The New York Times, Time, Publishers Weekly, BookPage ONE OF THE BEST BOOKS OF THE YEAR: Oprah Daily, The Washington Post, Kirkus Reviews The Earth teems with sights and textures, sounds and vibrations, smells and tastes, electric and magnetic

fields. But every kind of animal, including humans, is enclosed within its own unique sensory bubble, perceiving but a tiny sliver of our immense world. In *An Immense World*, Ed Yong coaxes us beyond the confines of our own senses, allowing us to perceive the skeins of scent, waves of electromagnetism, and pulses of pressure that surround us. We encounter beetles that are drawn to fires, turtles that can track the Earth's magnetic fields, fish that fill rivers with electrical messages, and even humans who wield sonar like bats. We discover that a crocodile's scaly face is as sensitive as a lover's fingertips, that the eyes of a giant squid evolved to see sparkling whales, that plants thrum with the inaudible songs of courting bugs, and that even simple scallops have complex vision. We learn what bees see in flowers, what songbirds hear in their tunes, and what dogs smell on the street. We listen to stories of pivotal discoveries in the field, while looking ahead at the many mysteries that remain unsolved. Funny, rigorous, and suffused with the joy of discovery, *An Immense World* takes us on what Marcel Proust called "the only true voyage . . . not to visit strange lands, but to possess other eyes." FINALIST FOR THE KIRKUS PRIZE • FINALIST FOR THE ANDREW CARNEGIE MEDAL

Animal Architecture Jennifer Dewey 1991 Explores the kinds of habitats animals build for themselves.

Animal Architecture Karl von Frisch 1975

Architecture Follows Nature-Biomimetic Principles for Innovative Design Ilaria Mazzoleni 2013-03-21 Applying Properties of Animals Skins to Inspire Architectural Envelopes Biology influences design projects in many ways; the related discipline is known as biomimetics or biomimicry. Using the animal kingdom as a source of inspiration, Ilaria Mazzoleni seeks to instill a shift in thinking about the application of biological principles to design and architecture. She focuses on the analysis of how organisms have adapted to different environments and translates the learned principles into the built environment. To illustrate the methodology, Mazzoleni draws inspiration from the diversity of animal coverings, referred to broadly as skin, and applies them to the design of building envelopes through a series of twelve case studies. Skin is a complex organ that performs a multitude of functions; namely, it serves as a link between the body and the environment. Similarly, building envelopes act as interfaces between their inhabitants and external elements. The resulting architectural designs illustrate an integrative methodology that allows architecture to follow nature. "Ilaria Mazzoleni, in collaboration with biologist Shauna Price, has developed a profound methodology for architectural and design incentives that anticipates and proposes novel ways to explore undiscovered biological inspirations for various audiences." —Yoseph Bar-Cohen

Afro-Dog Bénédicte Boisseron 2018-08-14 The animal-rights organization PETA asked "Are Animals the New Slaves?" in a controversial 2005 fundraising campaign; that same year, after the Humane Society rescued pets in the aftermath of Hurricane Katrina while black residents were neglected, some declared that white America cares more about pets than black people. These are but two recent examples of a centuries-long history in which black life has been pitted against animal life. Does comparing human and animal suffering trivialize black pain, or might the intersections of racialization and animalization shed light on interlinked forms of oppression? In *Afro-Dog*, Bénédicte Boisseron investigates the relationship between race and the animal in the history and culture of the Americas and the black Atlantic, exposing a hegemonic system that compulsively links and opposes blackness and animality to measure the value of life. She analyzes the association between black civil disobedience and canine repression, a history that spans the era of slavery through the use of police dogs against protesters during the civil rights movement of the 1960s to today in places like Ferguson, Missouri. She also traces the lineage of blackness and the animal in Caribbean literature and struggles over minorities' right to pet ownership alongside nuanced readings of Derrida and other French theorists. Drawing on recent debates on black

lives and animal welfare, Afro-Dog reframes the fast-growing interest in human-animal relationships by positioning blackness as a focus of animal inquiry, opening new possibilities for animal studies and black studies to think side by side.

Animals and Architecture David Hancocks 1971

How to Design with the Animal Edward M. Dodington 2013

Animal Architecture Ingo Arndt 2014-04-22 Collects photographs of structures created by animals, from the six-foot-high hills of tiny red ants to the colorfully decorated courtship arenas of the bowerbird, showcasing the connections between human and animal architecture.

Land. Milk. Honey GOTTESMAN ET AL 2021-07-12 A unique documentation of how ideology translated into colonialism, settlement, urbanization, infrastructure, and mechanized agriculture radically reshaped the environment of Palestine-Israel. The biblical metaphor of a "Land of Milk and Honey" has denoted for millennia a prophecy and promise for plenitude. This book, published in conjunction with the Israeli Pavilion at the seventeenth International Architecture Exhibition of the Venice Biennale, examines the reciprocal relations between humans, animals, and the environment within the context of modern Palestine-Israel, and demonstrates how this promise has become an action-plan over the course of the twentieth century. Land. Milk. Honey investigates how colonialism, urbanization, and mechanized agriculture radically reshaped the environment and altered human-animal relationships. It shows how the celebrated metamorphosis of the region into a prosperous agricultural landscape was entangled with irreparable damage to the environment, as well as the disruption of human communities. And it highlights the predicaments that both the environment and its inhabitants are facing after the territory has, over a century, been the testbed of modernist aspirations for plenitude. The fundamental changes the region has undergone are portrayed through the stories of five local animals: cow, goat, honeybee, water buffalo, and bat. These case-studies and analysis construct a spatial history of a place in five acts: Mechanization, Territory, Cohabitation, Extinction, and the Post-Human. A rich collection of literary excerpts, historical documents, archival photos, as well as short original vignettes reveals the story of this remarkable transfiguration and redesign.

Avian Architecture Peter Goodfellow 2011-06-05 Examines the nests that birds build around the world, including illustrations of each nest type's construction, descriptions of the materials and techniques used during the process, and case studies on specific birds' habitats.

A Foray into the Worlds of Animals and Humans Jakob von Uexküll 2013-11-30 "Is the tick a machine or a machine operator? Is it a mere object or a subject?" With these questions, the pioneering biophilosopher Jakob von Uexküll embarks on a remarkable exploration of the unique social and physical environments that individual animal species, as well as individuals within species, build and inhabit. This concept of the *umwelt* has become enormously important within posthumanist philosophy, influencing such figures as Heidegger, Merleau-Ponty, Deleuze and Guattari, and, most recently, Giorgio Agamben, who has called Uexküll "a high point of modern antihumanism." A key document in the genealogy of posthumanist thought, *A Foray into the Worlds of Animals and Humans* advances Uexküll's revolutionary belief that nonhuman perceptions must be accounted for in any biology worth its name; it also contains his arguments against natural selection as an adequate explanation for the present orientation of a species' morphology and behavior. *A Theory of Meaning* extends his thinking on the *umwelt*, while also identifying an overarching and perceptible unity in nature. Those coming to Uexküll's work for the first time will find that his concept of the *umwelt* holds new possibilities for the terms of animality, life, and

the framework of biopolitics.

*100 Animals That Can F*cking End You* Mamadou Ndiaye 2022-07-05 A wittily informative field guide to the deadliest animals on Earth from "AnimalTok" star @mndiaye_97 Ever wonder how to tell if a moose is about to subtract you? Curious why you should be terrified of cassowaries, the "velociraptor that time forgot?" Questioning whether that cute baby hippo is actually a homicidal maniac in the making? Yea, so was Mamadou Ndiaye . . . and now he's got your answers. *100 Animals That Can F*cking End You* is the ultimate countdown to merk by animal, featuring everything from tiny bugs that can turn you into a hashtag to animals so massive they can murder you by accident. These include: • The massive Southern elephant seal, which "is built like a truck with the personality of a Spring Break frat boy" • Sperm whales with a call so strong it can vibrate you to death • A golf-ball-sized octopus that can erase twenty-six people with one bite • Hyenas, which have no qualms eating their prey while it is still alive • A snake so quick it can strike you three times before you blink You'll learn not only which animals to avoid, but which ones can beat you in a footrace, which ones create surprisingly high body counts, and which ones will give you a good reason never to venture into the ocean. Mamadou also offers the occasional survival tip, even if it is just to make peace with your higher power. This dynamic, fact-filled, occasionally disturbing book is perfect for animal lovers and anyone perplexed by the natural world.

Animal Symbolism in Ecclesiastical Architecture Edward Payson Evans 1896

Animal Architects (L3) (National Geographic Readers) Libby Romero 2019-01-24 "Information about how animals build their homes, for beginner readers"--

Animal Architecture Roger A. Caras 1971

Fundamentals of Software Architecture Mark Richards 2020-01-28 Salary surveys worldwide regularly place software architect in the top 10 best jobs, yet no real guide exists to help developers become architects. Until now. This book provides the first comprehensive overview of software architecture's many aspects. Aspiring and existing architects alike will examine architectural characteristics, architectural patterns, component determination, diagramming and presenting architecture, evolutionary architecture, and many other topics. Mark Richards and Neal Ford—hands-on practitioners who have taught software architecture classes professionally for years—focus on architecture principles that apply across all technology stacks. You'll explore software architecture in a modern light, taking into account all the innovations of the past decade. This book examines: Architecture patterns: The technical basis for many architectural decisions Components: Identification, coupling, cohesion, partitioning, and granularity Soft skills: Effective team management, meetings, negotiation, presentations, and more Modernity: Engineering practices and operational approaches that have changed radically in the past few years Architecture as an engineering discipline: Repeatable results, metrics, and concrete valuations that add rigor to software architecture

The LEGO Architecture Idea Book Alice Finch 2018-09-25 Take your creations to the next level with The LEGO Architecture Idea Book! These clever building tips will give you endless inspiration for making your own amazing mansions, castles, houses, spooky shacks, and more. Every chapter includes ideas for creating architectural elements like columns, doors, windows, and walls. But rather than providing step-by-step instructions, the book includes helpful photography from every angle that shows you how to achieve the look, adapt it to your build, and make it your own. Learn how to: - Build amazing walls that break the mold, with brick-and-mortar effects, weathered walls, and loose bricks - Recreate structural effects like timber framing, soaring towers and turrets, shingled roofs, clapboard siding, and more -

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Elevate your models with “stained glass”, intricate color patterns, and tumble-down wear-and-tear - Use pieces like croissants, snakes, and goblets to make unique architectural ornamentation Bursting with clever ideas, The LEGO Architecture Idea Book will show you how to turn your buildings into impressive, realistic structures.

Animal Architects James L. Gould 2007-03-13 Looks at why animals build, explores the building processes of a variety of species, and discusses how a study of animal building behavior can provides an understanding of the human mind.

For the Love of Pets The Images Publishing Group 2021-09-13 - Features around 50 of the most inspiring, fun, original, and interesting ideas for super pet-friendly designs for the home and other spaces - Designers and architects from around the world focus on creating many quirky and ingenious designs, including built-in cat ladders, scratchers, and walkways, private dog nooks and specialist kennels, amazing modular mazes, beautiful, sculptural birdhouses, and much more - Focus is on creating interiors, furniture, and architectural environments that are for the optimal benefit of pets and other domesticated animals, and using sustainable and animal-friendly materials What wouldn't animal-loving humans do to create the perfect modern habitat for their cherished animals? Not surprisingly, pet owners are forever seeking ways to provide the best environment to make life for their pets as enjoyable and engaging as possible. Designing the perfect architecture and interiors for pets and animals of all shapes, sizes, species, and breeds is all about creating a seamless coexistence. Showcased here are heaps of fun and unique projects created by an inventive global design community. The charming, imaginative, and inspired interiors and architectural systems presented in this book offer a beautiful combination of aesthetics and creature comfort, be they for cats, dogs, birds, rabbits, guinea pigs, hamsters, chickens, turtles, horses, and many others. This carefully curated selection includes not only ingenious yet elegant built-in cat ladders, scratchers, and walkways, and private dog nooks -- even a noise-cancelling kennel for the most pampered of pooches -- but also amazing modular mazes for the busiest cat, rabbit, guinea pig, or hamster, as well as beautiful, sculptural birdhouses and charming log-cabin-style chicken coops. It also features funky cat cafés and special shelter ideas to keep both human and animal creatures calm. This delightful book presents a lovable assortment of safe and sustainable pet-friendly projects, ideal for design- and animal-conscious folk who want to turn their interiors or workspaces into the most comfortable living/playpen environments for their beloved fur-babies (and other pets) to roam and rest.

The House Mouse 1987

Pet-tecture: Design for Pets Tom Wainwright 2018-09-28 An inspiring, surprising, and fun collection of contemporary design for pets of different shapes, sizes, breeds, and species The perfect book for design-conscious pet owners and animal lovers alike, Pet-tecture presents an irresistible assortment of hundreds of houses and objects by the world's leading designers, created with our furred and feathered friends in mind - from cats and dogs to birds, rabbits, horses, fish, mice, guinea pigs - even kangaroos and turtles! Whether it's playful cat trees, concrete dog homes, luxury chicken coops, 3D-printed fish tanks, or a dog-shaped cat scratcher, Pet-tecture has the incredible range of design for animals covered. This compact and portable book Includes works by some of the biggest names in global architecture and design, including Nendo, Kenya Hara, Sou Fujimoto, MAD Architects, Kengo Kuma, and Shigeru Ban. From the publisher of Nanotecture and Mobitecture.

Zoomorphic: New Animal Architecture Hugh Aldersey-Williams 2003-10-07 A quirky trend of building designs inspired by bizarre animals has emerged in the last few years. Why and how has this happened? Is it because of new technical possibilities in materials and structural engineering? Or is the answer to be

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found in new social preoccupations in science? After a brief look at the historical precedents, the book focuses on contemporary examples from around the world and shows the various ways in which the organic/animal forms inform the architectural ones. Featured architects include Frank Gehry, Michael Sorkin, and Greg Lynn.

Architecture Animals Michael J. Crosbie 1995 Presents photographs of animal sculptures and architectural details, accompanied by limericks.

The Process of Animal Domestication Marcelo Sánchez-Villagra 2022-01-18 The first modern scholarly synthesis of animal domestication Across the globe and at different times in the past millennia, the evolutionary history of domesticated animals has been greatly affected by the myriad, complex, and diverse interactions humans have had with the animals closest to them. *The Process of Animal Domestication* presents a broad synthesis of this subject, from the rich biology behind the initial stages of domestication to how the creation of breeds reflects cultural and societal transformations that have impacted the biosphere. Marcelo Sánchez-Villagra draws from a wide range of fields, including evolutionary biology, zooarchaeology, ethnology, genetics, developmental biology, and evolutionary morphology to provide a fresh perspective to this classic topic. Relying on various conceptual and technical tools, he examines the natural history of phenotypes and their developmental origins. He presents case studies involving mammals, birds, fish, and insect species, and he highlights the importance of domestication for the comprehension of evolution, anatomy, ontogeny, and dozens of fundamental biological processes. Bringing together the most current developments, *The Process of Animal Domestication* will interest a wide range of readers, from evolutionary biologists, developmental biologists, and geneticists to anthropologists and archaeologists.

Critical Care Angelika Fitz 2019-04-30 How architecture and urbanism can help to care for and repair a broken planet: essays and illustrated case studies. Today, architecture and urbanism are capital-centric, speculation-driven, and investment-dominated. Many cannot afford housing. Austerity measures have taken a disastrous toll on public infrastructures. The climate crisis has rendered the planet vulnerable, even uninhabitable. This book offers an alternative vision in architecture and urbanism that focuses on caring for a broken planet. Rooted in a radical care perspective that always starts from the given, in the midst of things, this edited collection of essays and illustrated case studies documents ideas and practices from an extraordinarily diverse group of contributors. Focusing on the three crisis areas of economy, ecology, and labor, the book describes projects including village reconstruction in China; irrigation in Spain; community land trust in Puerto Rico; revitalization of modernist public housing in France; new alliances in informal settlements in Nairobi; and the redevelopment of traditional building methods in flood areas in Pakistan. Essays consider such topics as ethical architecture, land policy, creative ecologies, diverse economies, caring communities, and the exploitation of labor. Taken together, these case studies and essays provide evidence that architecture and urbanism have the capacity to make the planet livable, again. Essays by Mauro Baracco, Sara Brolund de Carvalho, Jane Da Mosto, Angelika Fitz, Hélène Frichot, Katherine Gibson, Mauro Gil-Fournier Esquerre, Valeria Graziano, Gabu Heindl, Elke Krasny, Lisa Law, Ligia Nobre, Meike Schalk, Linda Tegg, Ana Carolina Tonetti, Kim Trogal, Joan C. Tronto, Theresa Williamson, Louise Wright Case studies aaa atelier d'architecture autogérée, Ayuntamiento BCN, Kashef Mahboob Chowdhury/Urbana, Cíclica [Space.Community.Ecology] + CAVAA arquitectes, Care+Repair Tandems Vienna (including Gabu Heindl, Zissis Kotionis + Phoebe Giannisi, rotor, Meike Schalk + Sara Brolund de Carvalho, Cristian Stefanescu, Rosario Talevi and many others), Colectivo 720, Estudio Teddy Cruz + Fonna Forman, EAHR Emergency Architecture & Human Rights, Fideicomiso de la Tierra del Caño Martín Peña CLT, Anna Heringer, Anupama Kundoo, KDI Kounkuey Design Initiative, Lacaton & Vassal, Yasmeen Lari, muf architecture/art, Paulo Mendes da Rocha + MMBB,

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RUF Rural Urban Framework, Studio Vlay Streeruwitz, De Vylder Vinck Taillieu, Xu Tiantian/DnA_Design and Architecture, ZUSammenKUNFT Berlin Copublished with Architekturzentrum Wien

Animals as Persons Gary Lawrence Francione 2008 Gary L. Francione explains our historical and contemporary attitudes about animals by distinguishing the issue of animal use from that of animal treatment. He then presents a theory of animal rights that focuses on the need to accord all sentient nonhumans the right not to be treated as property.

Communication in Humans and Other Animals Gisela Håkansson 2013-06-27 Communication is a basic behaviour, found across animal species. Human language is often thought of as a unique system, which separates humans from other animals. This textbook serves as a guide to different types of communication, and suggests that each is unique in its own way: human verbal and nonverbal communication, communication in nonhuman primates, in dogs and in birds. Research questions and findings from different perspectives are summarized and integrated to show students similarities and differences in the rich diversity of communicative behaviours. A core topic is how young individuals proceed from not being able to communicate to reaching a state of competent communicators, and the role of adults in this developmental process. Evolutionary aspects are also taken into consideration, and ideas about the evolution of human language are examined. The cross-disciplinary nature of the book makes it useful for courses in linguistics, biology, sociology and psychology, but it is also valuable reading for anyone interested in understanding communicative behaviour.

Built by Animals Mike Hansell 2007-10-18 From termite mounds that in relative terms are three times as tall as a skyscraper, to the elaborate nests of social birds and the deadly traps of spiders, the constructions of the animal world can amaze and at times humble our own engineering and technology. But how do creatures with such small brains build these complex structures? What drives them to do it? Which skills are innate and which learned? Here, Mike Hansell looks at the extraordinary structures that animals build - whether homes, traps, or courtship displays - and reveals the biology behind their behaviour. He shows how small-brained animals achieve complex feats in a small-brained way, by repeating many simple actions and using highly evolved self-secreted materials. On the other hand, the building feats or tool use of large-brained animals, such as humans or chimps, require significantly more complex and costly behaviour. We look at wasp's nests, leaf-cutting ants, caddisflies and amoebae, and even the extraordinary bower bird, who seduces his mate with a decorated pile of twigs, baubles, feathers and berries. Hansell explores how animal structures evolved over time, how insect societies emerge, how animals can alter their wider habitat, and even whether some animals have an aesthetic sense.

Animal Architecture and Building Behaviour Michael Henry Hansell 1984

Principles of Animal Locomotion R. McNeill Alexander 2013-10-31 How can geckoes walk on the ceiling and basilisk lizards run over water? What are the aerodynamic effects that enable small insects to fly? What are the relative merits of squids' jet-propelled swimming and fishes' tail-powered swimming? Why do horses change gait as they increase speed? What determines our own vertical leap? Recent technical advances have greatly increased researchers' ability to answer these questions with certainty and in detail. This text provides an up-to-date overview of how animals run, walk, jump, crawl, swim, soar, hover, and fly. Excluding only the tiny creatures that use cilia, it covers all animals that power their movements with muscle--from roundworms to whales, clams to elephants, and gnats to albatrosses. The introduction sets out the general rules governing all modes of animal locomotion and considers the performance criteria--such as speed, endurance, and economy--that have shaped their selection. It

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introduces energetics and optimality as basic principles. The text then tackles each of the major modes by which animals move on land, in water, and through air. It explains the mechanisms involved and the physical and biological forces shaping those mechanisms, paying particular attention to energy costs. Focusing on general principles but extensively discussing a wide variety of individual cases, this is a superb synthesis of current knowledge about animal locomotion. It will be enormously useful to advanced undergraduates, graduate students, and a range of professional biologists, physicists, and engineers.

Animal Architects James L. Gould 2012-03-06 Animal behavior has long been a battleground between the competing claims of nature and nurture, with the possible role of cognition in behavior as a recent addition to this debate. There is an untapped trove of behavioral data that can tell us a great deal about how the animals draw from these neural strategies: The structures animals build provide a superb window on the workings of the animal mind. *Animal Architects* examines animal architecture across a range of species, from those whose blueprints are largely innate (such as spiders and their webs) to those whose challenging structures seem to require intellectual insight, planning, and even aesthetics (such as bowerbirds' nests, or beavers' dams). Beginning with instinct and the simple homes of solitary insects, James and Carol Gould move on to conditioning; the "cognitive map" and how it evolved; and the role of planning and insight. Finally, they reflect on what animal building tells us about the nature of human intelligence—showing why humans, unlike many animals, need to build castles in the air.

Architecture, Animal, Human Catherine T. Ingraham 2006-02-02 This book looks at specific instances in the Renaissance, Enlightenment and our own time when architectural ideas and ideas of biological life come into close proximity with each other. These convergences are fascinating and complex, offering new insights into architecture and its role. Establishing architecture as a product of the ascendancy of the position of human life, the author shows here that while architecture is dependent on life forces for its existence, at the same time it must be, at some level, indifferent to the life within it. Life, for its part, privileges itself above all else, and seeks to continuously expand its field of expression. This, then, is the asymmetrical condition, and to understand it is to gain important new theoretical perspectives into the nature of architecture.

Saving Animals Elan Abrell 2021-05-04 A fascinating and unprecedented ethnography of animal sanctuaries in the United States In the past three decades, animal rights advocates have established everything from elephant sanctuaries in Africa to shelters that rehabilitate animals used in medical testing, to homes for farmed animals, abandoned pets, and entertainment animals that have outlived their "usefulness." *Saving Animals* is the first major ethnography to focus on the ethical issues animating the establishment of such places, where animals who have been mistreated or destined for slaughter are allowed to live out their lives simply being animals. Based on fieldwork at animal rescue facilities across the United States, Elan Abrell asks what "saving," "caring for," and "sanctuary" actually mean. He considers sanctuaries as laboratories where caregivers conceive and implement new models of caring for and relating to animals. He explores the ethical decision making around sanctuary efforts to unmake property-based human-animal relations by creating spaces in which humans interact with animals as autonomous subjects. *Saving Animals* illustrates how caregivers and animals respond by cocreating new human-animal ecologies adapted to the material and social conditions of the Anthropocene. Bridging anthropology with animal studies and political philosophy, *Saving Animals* asks us to imagine less harmful modes of existence in a troubled world where both animals and humans seek sanctuary.

Animal Architecture Jennifer Dewey 1991 Explores the kinds of habitats animals build for themselves.

Animal Architects Julio Antonio Blasco 2015-08-04 A fantastic, original exploration of how animals build

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their homes and the fascinating structures they create. From gladiator frogs to chimpanzees, learn about how animals all over the world build their homes. Each spread contains a beautiful, colourful illustration of each animal and its home, plus a unique fold-out information panel, with stats and a simple architectural diagram showcasing the creation of the 'architect'. Look inside chimpanzee nests, beaver dams, termite mounds, stork nests and many more - and get to know the clever animals who build them!

Animal Architects Amy Cherrix 2021-09-07 This fascinating nonfiction picture book about animal construction projects will captivate young scientists and naturalists—and have them looking for more in their own backyards! Did you know the natural world is a construction zone? All over Earth, on land and at sea, animals are building the most amazing things. From tricky trapdoors to undersea cities to palaces of pebbles and more, come see the incredible creations of animal architects.

Animal City Andrew A. Robichaud 2019 American urbanites once lived alongside livestock and beasts of burden. But as cities grew, human-animal relationships changed. The city became a place for pets, not slaughterhouses or working animals. Andrew Robichaud traces the far-reaching consequences of this shift—for urban landscapes, animal- and child-welfare laws, and environmental justice.

Animal Architecture Mike Hansell 2005-01-27 Construction behaviour occurs across the entire spectrum of the animal kingdom and affects the survival of both builders and other organisms associated with them. *Animal Architecture* provides a comprehensive overview of the biology of animal building. The book recognizes three broad categories of built structure: homes, traps, and courtship displays. Even though some of these structures are complex and very large, the behaviour required to build them is generally simple and the anatomy for building unspecialized. Standardization of building materials helps to keep building repertoires simple, while self-organizing effects help create complexity. In a case-study approach to function, insects demonstrate how homes can remain operational while they grow, spiderwebs illustrate mechanical design, and the displays of bowerbirds raise the possibility of persuasion through design rather than just decoration. Studies of the costs to builders provide evidence of optimal designs and of trade-offs with other life history traits. As ecosystem engineers, the influence of builders is extensive and their effect is generally to enhance biodiversity through niche construction. Animal builders can therefore represent model species for the study of the emerging subject of environmental inheritance. Building, and in particular building with silk, has been demonstrated to have important evolutionary consequences. This book is intended for students and researchers in comparative animal biology, but will also be of relevance and use to the increasing numbers of architects and civil engineers interested in developing ideas from the animal kingdom.