

Estuary Out From London To The Sea

'Fascinating. Mudlarks are river scavengers, but Lara Maiklem is more like a time traveller' Guardian Mudlark (/ˈmɑːlɑːk/) noun A person who scavenges for usable debris in the mud of a river or harbour Lara Maiklem has scoured the banks of the Thames for nearly twenty years, in pursuit of the objects the river unearths: from Neolithic flints to Roman hairpins, medieval buckles to Tudor buttons, Georgian clay pipes to Victorian toys. What began as a search for solitude came to reveal the story of a city, its people and their lost ways of life. *The No. 2 Sunday Times bestseller and the BBC Radio 4 Book of the Week, now with full colour images* 'Enchanting . . . I am quite tempted to join Maiklem on the riverbed looking for treasure' Sunday Times 'Reveals to us the fascinating and poignant micro-world of London's history' Hallie Rubenhold, Baillie Gifford Prize-winning author of The Five 'No one has looked at these odd corners since Sherlock Holmes' Sunday Telegraph 'A quirky and delightful read, wonderfully evocative of London's gloopy, ghost-haunted river' Daily Mail WINNER OF THE 2020 INDIE BOOK AWARD FOR NON-FICTION After some conversations with Professor Dr. H. Caspers and other participants at the triennial congress of the International Association of Theoretical and Applied Limnology (S. I. L.) held in Copenhagen, Denmark (1977), the senior editor approached the international delegates at the business meeting for approval of the concept of holding the First International Symposium on Aquatic Oligochaete Biology at Sidney (near Victoria) British Columbia on May 1-4, 1979. The S. I. L. agreed to sponsor such a meeting, and this sponsorship in turn led to the provision of space and technical facilities at the Institute of Ocean Sciences Patricia Bay, the Pacific Regional headquarters of the Ocean and Aquatic Sciences component of the federal Fisheries and Oceans Department. The National Research Council of Canada provided travel support for a number of non-Canadian participants. Invitations were sent to as many active workers in the field as the senior editor could name, and in addition two representatives of closely allied fields were invited - Dr. V. Standen who works with closely related but terrestrial species, and Dr. J. Grassle who works with polychaetes but especially with *Capitella capitata* which is much like an oligochaete in some aspects of its biology - so much so that the senior editor in his salad days succumbed to some ill-founded advice and described *Capitella* as a new marine tubificid! The addition of these "outside" influences prevented the group from making a number of unfounded assumptions during discussions, and provided valuable cross-linkages.

Without trace metals there would be no life, yet trace metals can eliminate life. Where, why and so what?

SOON TO BE AN APPLE TV+ SERIES A Washington Post Notable Work of Fiction * Winner of the British Book Awards Fiction Book of the Year and overall Book of the Year * A Kirkus Reviews Best Book of The Year * Waterstones Book of the Year * Costa Book Award Finalist "A novel of almost insolent ambition—lush and fantastical, a wild Eden behind a garden gate...it's part ghost story and part natural history lesson, part romance and part feminist parable. I found it so transporting that 48 hours after completing it, I was still resentful to be back home." —New York Times London, 1893. When Cora Seaborne's brilliant, domineering husband dies, she steps into her new life as a widow with as much relief as sadness: her marriage was an unhappy one, and she never suited the role of society wife. Seeking refuge in fresh air and open space, she leaves the metropolis for coastal Essex, accompanied by her inquisitive and obsessive eleven-year-old son, Francis, and the boy's nanny, Martha, her fiercely protective friend. Once there, they hear rumors that after nearly three hundred years, the mythical Essex Serpent, a fearsome creature that once roamed the marshes, has returned. When a young man is mysteriously killed on New Year's Eve, the community's dread transforms to terror. Cora, a keen amateur naturalist with no patience for religion or superstition, is immediately enthralled, certain that what locals think is a magical sea beast may be a previously undiscovered species. Eager to investigate, she is introduced to parish vicar William Ransome, who is equally suspicious of the rumors but for different reasons: a man of faith, he is convinced the alarming reports are caused by moral panic, a flight from the correct and righteous path. As Cora and William attempt to discover the truth about the Essex Serpent's existence, these seeming opposites find themselves inexorably drawn together in an intense relationship that will change both of them in ways entirely unexpected. And as they search for answers, Cora's London past follows her to the coast, with striking consequences. Told with exquisite grace and intelligence, *The Essex Serpent* masterfully explores questions of science and religion, skepticism and faith, but it is most of all a celebration of love, and the many different—and surprising—guises it can take.

A Novel

The Essex Serpent

Volume II Estuarine Case Studies

The Hidden World of Hatton Garden

Mudlarking

Rodinsky's Room

Originally published in 1922, this work details the history and importance of one of Great Britain's grandest rivers, the River Thames. It includes information on the river's geography and its role in the founding of London. This is a fascinating read for anyone with an interest in the history of the river. The River Thames takes its name from the Middle English Temese, which is derived from the Celtic name for river. Originating at the Thames Head in Gloucestershire, it is the longest river in England, flowing a total length of 236 miles, out through the Thames Estuary and in to the North Sea. On its journey to open water it passes through the country's capital, London, where it is deep enough to be navigable for ships, thus allowing the city to become a major international trade port. Steeped with a deep sense of the past, Kenneth Allsop's writing speaks in defense of the natural world and stands firmly against unchecked exploitation of the land, in this collection of writing from his lively weekly newspaper column.

LONGLISTED FOR THE GORDON BURN PRIZE 2017 A hauntingly beautiful social history of the Thames Estuary, from the author of *On Brick Lane* Out at the eastern edge of England, between land and ocean, you will find beautiful, haunted salt marshes, coastal shallows and wide-open skies: the Thames Estuary. The estuary is an ancient gateway to England, a passage for numberless travellers in and out of London. And for generations, the people of Kent and Essex have lived and worked on the Estuary, learning its waters, losing loved ones to its depths. Their heritage is a proud but never an easy one. In the face of a world changing around them, they endure. Rachel Lichtenstein spent five years exploring this unique community and recording its extraordinary chorus of voices, present and past. From mud larkers and fishermen to radio pirates and champion racers, from buried princesses to unexploded bombs, Estuary is a celebration of a haunting & profoundly British place.

Often seen combing the shoreline of the River Thames at low tide, groups of archaeology enthusiasts known as 'mudlarks' continue a tradition that dates back to the eighteenth century. Over the years they have found a vast array of historical artefacts providing glimpses into the city's past. Objects lost or discarded centuries ago – from ancient river offerings such as the Battersea Shield and Waterloo Helmet, to seventeenth-century trade tokens and even medals for bravery – have been discovered in the river. This book explores a fascinating assortment of finds from prehistoric to modern times, which collectively tell the rich and illustrious story of London and its inhabitants.

Aquatic Oligochaete Biology

Extraordinary but true stories

A Rehabilitated Estuarine Ecosystem

The Sunday Times Bestseller

London's Strangest: The Thames

Levelling at the Interface of RP and South-Eastern British English

Enter Hatton Garden, one of London's most mysterious streets. Home to ancient burial sites, diamond workshops, underground vaults, monastic dynasties, subterranean rivers and forgotten palaces. Here you'll meet sewer flushers, artists, goldsmiths, geologists and visionaries as Rachel Lichtenstein uncovers the history, secrets and stories that bring this vibrant Clerkenwell street and its environs to life. 'Fascinating. The great joy of Lichtenstein's books is that she encourages us to look again at the places we take for granted.' Daily Telegraph 'Vivid and amusing, containing so many sparkling things, elegantly organized. Lichtenstein consulted a whole gang of glorious characters, collecting tales, history and lore on her way. An overwhelming trove of stories with a multiplicity of facets to intrigue.' Observer 'Engrossing, a superb oral historian. Lichtenstein proves to be an indefatigable explorer.' Sunday Times 'Lichtenstein is an artist, writer, local historian and archivist and her multi-faceted approach makes fascinating reading. She make[s] us look with a fresh eye at familiar urban spaces.' Independent on Sunday 'Lichtenstein has brought alive something of London . . . how one street can be a kind of Tardis, a portal to another world of parallel commerce, codes, rituals, history. A heartfelt book full of curiosity and love.' The Times 'A lively and rewarding addition to the capital's rich history.' Independent

The Estuary as a Filter contains the proceedings of the Estuarine Research Federation 's seventh biennial conference at Virginia Beach, Virginia, in late October, 1983. In five invited sessions, scientists and managers considered the physical, geological, chemical-geochemical, and biological processes involved in the "filtering" role of estuaries and reflected on management implications of these matters. Most of their presentations and reflections are included in this book in order to demonstrate what is known and what needs to be explored further. The papers in this volume are grouped as they were presented at the conference. Thus, physical oceanographers begin the work by considering turbulence, mixing, and circulation processes in estuaries. Geologists then examine estuarine sedimentation, including the roles of flocculation and bioturbation in accelerating this process. Chemists and geochemists describe the interactions among and effects of inputs of nutrients, metals, and organic matter into estuaries, and the fate of radionuclides in these systems. Biological and biochemical processes involving surface foam, microbes, sea grasses, and wetlands are considered, along with carefully derived nutrient budgets of selected estuarine regions. Finally, some of the problems facing managers of estuarine ecosystems in three areas of the United States are described, along with the success story of the ongoing rehabilitation of the Thames Estuary in England.

A brilliant voyage of discovery into the deeply unfashionable fringes of London. 'It isn't often that one reads a book and is convinced that it's an instant classic, but I'm sure that LONDON ORBITAL will be read 50 years from now. This account of his walk around the M25 is on one level a journey into the heart of darkness, that terrain of golf courses, retail parks and industrial estates which is Blair's Britain. It's a fascinating snapshot of who we are, lit by Sinclair's vivid prose, and on another level a warning that the mythological England of village greens and cycling aunts has been buried under the rush of a million radial tyres' J. G. Ballard, Observer

The San Francisco Bay, the biggest estuary on the west coast of North America, was once surrounded by an almost unbroken chain of tidal wetlands, a fecund sieve of ecosystems connecting the land and the Bay. Today, most of these wetlands have disappeared under the demands of coastal development, and those that remain cling precariously to a drastically altered coastline. This volume is a collaborative effort of nearly 40 scholars in which the wealth of scientific knowledge available on tidal wetlands of the San Francisco Estuary is summarized and integrated. This book addresses issues of taxonomy, geomorphology, toxicology, the impact of climate change, ecosystem services, public policy, and conservation, and it is an essential resource for ecologists, environmental scientists, coastal policymakers, and researchers interested in estuaries and conserving and restoring coastal wetlands around the world.

Adrift

Maps of London and Beyond

Rag and Bone

Stanford's Coloured Chart of the Thames Estuary with the River from London Bridge to Gravesend

Thames Landscapes

Hydrodynamics of Estuaries

Temperature and precipitation increase and decrease because of natural causes. However, anthropogenic changes, such as an enhanced greenhouse effect, may result in alterations in the regional climate and in relative sea level. Serious changes in climate and sea level-with adverse effects particularly along low-lying coasts-would affect millions of people. Climate Change takes an in-depth, worldwide look at coastal habitation with respect to these natural and anthropogenic changes. No universally applicable coastal model can be used to describe climatic changes. This unique book provides individual discussions of beaches and barrier islands, cliffs, deltas, tidal flats and wetlands, reefs, and atolls. The impact of climatic change on coastal ecology and agriculture is investigated, and human responses to the effects of climatic change along the world's coasts are included.

"Engrossing . . . evokes the subculture of the 'mudlarks,' who scour the banks for fragments of London's past."—The New Yorker The international bestseller that mesmerizingly charts quixotic journeys through London's past, Mudlark thrills Anglophiles and history lovers alike. Long heralded as a city treasure herself, beloved "Mudlark" Lara Maiklem tirelessly treks along the Thames' muddy shores, unearthing a myriad of artifacts and their stories—from Roman hairpins and perfectly preserved Tudor shoes to the clay pipes that were smoked in riverside taverns. Seamlessly interweaving reflections from her own life with meditations on the art of wandering, Maiklem ultimately delivers a treatise "as deep and as rich as the Thames and its treasures" (Stanley Tucci).

On Brick Lane is an unforgettable journey through the vanished past, the disappearing present and the emerging future of Britain 's most mythologized and misunderstood street. Home to successive waves of immigrants, Brick Lane is at once multicultural melting pot and sacred site, bounded by Hawksmoor churches, abandoned synagogues and newly developed mosques, with the old Truman Brewery at its heart. Bringing to life the memories and realities of Brick Lane's many communities, Rachel Lichtenstein harnesses the voices of the famous, the infamous and the obscure, merging memoir,

reportage, poetry, photography and local history. The result is as vibrant and fascinating as the neighbourhood it so movingly celebrates.

EstuaryOut from London to the SeaPenguin UK

Life-history of Our Planet

Iron Age and Roman Salt Making in the Thames Estuary : Excavation at Stanford Wharf Nature Reserve, Essex

Father Thames

Dynamics and Response to Environmental Changes

First (second) geographical reader

The environment and ecology of the Thames Estuary

Rodinsky's world was that of the East European Jewry, cabbalistic speculation, an obsession with language as code and terrible loss. He touched the imagination of artist Rachel Lichtenstein, whose grandparents had left Poland in the 1930s. This text weaves together Lichtenstein's quest for Rodinsky - which took her to Poland, to Israel and around Jewish London - with Iain Sinclair's meditations on her journey into her own past and on the Whitechapel he has reinvented in his own writing. Rodinsky's Room is a testament to a world that has all but vanished, a homage to a unique culture and way of life.

A spectacular, large-format collection of Adam Dant's fine art maps giving a unique view of our history and life today. Artist and cartographer Adam Dant surveys London's past, present and future from his studio in the East End. Beautiful, witty and subversive, his astonishing maps offer a compelling view of history, lore, language and life in the capital and beyond. Traversed by a plethora of colourful characters including William Shakespeare, Charles Dickens, Mary Wollstonecraft and Barbara Windsor, Adam Dant's maps extend from the shipwrecks on the bed of the Thames to the stars in the sky over Soho. Along the way, he captures all the rich traditions in the capital, from brawls and buried treasure to gin and gentlemen's clubs. Accompanying text by the artist gives the background to each of the handsome cartographic artworks, revealing his inspirations and artistic process and outlining his cultural allusions. Reproduced in large format, the maps invite the reader to study all the astonishing and often hilarious details within, offering hours of fascination for the curious. Published in conjunction with the Spitalfields Life blog, Maps of London & Beyond includes an extensive interview with Adam Dant by the blog's founder The Gentle Author.

Several years after Jack London's death, his wife Charmian released a 2-volume biography of his life. Volume I starts with the origins of his parents, John and Flora, and covers Jack's childhood and early life growing up in the San Francisco Bay Area. It also covers his oyster pirating, Klondike trips, and time spent riding the railroads. The book is full of his letters to Cloudesley Johns, Anna Strunsky, and others. The first volume ends with his voyage to Asia to cover the Japanese-Russian War. Volume II starts with his return from Korea after war-reporting and his divorce from his first wife. It covers their trip on the Snark and trips to New York and around Cape Horn. The 'bad year' when his house burns is described in detail, as is a return to Hawaii and the start of World War I. The volume ends with Jack's death in 1916.

"Midnight Riot is what would happen if Harry Potter grew up and joined the Fuzz. It is a hilarious, keenly imagined caper."—Diana Gabaldon
Probationary Constable Peter Grant dreams of being a detective in London's Metropolitan Police. Too bad his superior plans to assign him to the Case Progression Unit, where the biggest threat he'll face is a paper cut. But Peter's prospects change in the aftermath of a puzzling murder, when he gains exclusive information from an eyewitness who happens to be a ghost. Peter's ability to speak with the lingering dead brings him to the attention of Detective Chief Inspector Thomas Nightingale, who investigates crimes involving magic and other manifestations of the uncanny. Now, as a wave of brutal and bizarre murders engulfs the city, Peter is plunged into a world where gods and goddesses mingle with mortals and a long-dead evil is making a comeback on a rising tide of magic. "Filled with detail and imagination . . . Aaronovitch is a name to watch."—Peter F. Hamilton
"Fresh, original, and a wonderful read . . . I loved it."—Charlaine Harris

London Gateway

1576-2016

On Brick Lane

Eye on the Estuary

Estuary English

The British Isles as a Case Study

'Beautiful, like a muddy journey through time . . . a really important book' RAYNOR WINN, author of The Salt Path
Lisa Woollett has spent her life combing beaches and mudlarking, collecting curious fragments of the past: from Roman Tudor thimbles, to Victorian buttons and plastic soldiers. In a series of walks from the Thames, out to the Kentish coast and eventually to Cornwall, she traces the history of our rubbish and, through it, reveals the surprising story of our chaotic consumer culture. Timely and beautifully written, Rag and Bone shows what we can learn from what we've thrown away and urges us to think more about what we leave behind.

From deep winter to late autumn, from east to west, Adrift takes the reader on a tour of the people, politics, history and London's canals and rivers. Blending nature writing, social observation and memoir, Helen Babbs invites you on an eye-opening journey into a different side of the city. From Walthamstow Marsh in the east to Uxbridge in the west, Helen Babbs explores London's waterways on a canal boat called Pike, putting down roots for two weeks at a time before moving on. Take

River Lea and the Lee Navigation, the Regent's Canal and the Grand Union, she explores the London landscape in all its marshland, wasteland, city centre and suburb. *Adrift* charts a year of Helen's life on Pike, exploring the changes wrought by seasons as well as by developers, and recounting the practical trials of living aboard. It is a story of mapping and discovery, of escape and opting out, but also of making connections and finding home. Just as the coots and cormorants dodge the large city, so too does Helen wend through the beauty and the dirt to reveal an intimate and unusual portrait of London life.

A post-apocalyptic novel about a planeload of people during and after a short nuclear war, set in a near-future world where the USA is critically short of oil.

Estuaries and their surrounding wetland regions are among the most productive ecosystems in the world, with more than half of humanity inhabiting their shores. Anthropogenic factors make estuaries highly susceptible to ecosystem degradation. Estuarine waters are closely connected with human activity, and their dynamic processes may greatly affect coastal environments. This book provides a compendium of studies on estuarine dynamics, river plumes, and coastal water dynamics, studies that have documented the changes in estuarine and coastal zones in response to sea-level rise and other environmental factors, and policy and management strategies to ensure the health and economy of coastal zones. This book aims to display novel frontiers in estuarine science and may help to inspire in-depth studies in the future.

The Book of Jack London

Jack London

Estuary

A Walk Round the End of the World

Down to a Sunless Sea

Thames Estuary Trail

Estuaries are regarded among the most ecologically threatened ecosystems worldwide largely due to poor land use practices within their catchment areas, freshwater abstraction, coastal development, and resource exploitation. Moreover, these systems act as repositories for various anthropogenic contaminants. The establishment and successful implementation of conservation and management strategies are critically dependent on understanding the links among physicochemical, hydrological, and biological variables within these systems. The book provides a comprehensive overview of selected topics including modeling of water exchange between estuaries and the ocean, sediment geochemistry and mangrove health, climate variability and hydrology, and pesticides in estuaries and ecosystem functioning for various estuaries including permanently open, mangrove, and intermittently open/closed systems in both the northern and the southern hemispheres.

The Thames has been captured in its entirety and through the medium of photography has compressed space and condensed time.

In this perfect companion to *London: The Biography*, Peter Ackroyd once again delves into the hidden byways of history, describing the river's endless allure in a journey overflowing with characters, incidents, and wry observations. *Thames: The Biography* meanders gloriously, rather like the river itself. In short, lively chapters Ackroyd writes about connections between the Thames and such historical figures as Julius Caesar and Henry VIII, and offers memorable portraits of the ordinary men and women who depend upon the river for their livelihoods. The Thames as a source of artistic inspiration comes brilliantly to life as Ackroyd invokes Chaucer, Shakespeare, Turner, Shelley, and other writers, poets, and painters who have been enchanted by its many moods and colors.

These books are divided into two volumes. The first focuses on estuarine physics and physical processes and interpretations. I have, for the most parts, intentionally downplayed engineering applications to estuaries. It is my bias that a deeper understanding is accomplished with a physical approach, whereas an engineering approach is largely geared toward finding a solution to a problem. Of course, it is not always easy to make this distinction. The second volume is a presentation of physical case studies of several important estuaries, spanning the major geomorphic types. I believe that it can be very useful to all areas of the world. I have consciously strived to be more international in selection of both authors and estuarine case studies.

In the Country

A Family History of What We've Thrown Away

Out from London to the Sea

Climate Change Impact on Coastal Habitation

London Orbital

The well documented history of pollution and recovery in the Thames Estuary has made the system one of the world's most famous case studies. However, the story is incomplete in terms of the status of the rehabilitated ecosystem resulting from the remedial management policies. What ecosystem might we expect to recover from a once lifeless estuary? have the extensive efforts made by policy makers, environmental managers and scientists resulted in a diverse, complex estuary that may be a model for other systems? This book draws together many detailed aspects of the recovering Thames Estuary ecosystem from environmental management and scientific sources. The result is probably the most comprehensive account of the management and ecology of a single estuarine system yet produced. It includes important and extensive long term studies of the fish communities, water quality and management policy, spatial accounts along the full length of the estuary for benthic invertebrates and algae, significant case studies on zooplankton, saltmarshes and parasitology, as well as an overview looking forward to the next millennium. Altogether, this study of the long term ecological consequences of management policy provides a benchmark for comparison with other estuarine ecosystems, both 'natural' and rehabilitated, and forms a unique and valuable reference for environmental managers, estuarine scientists and ecologists.

The 19th-century MP John Burns described the Thames as 'liquid history' and ever since the Romans founded Londinium in 43 AD, the river has played a key cultural and economic, political and social role in the history of England. London's Strangest: The Thames reveals the bizarre, funny and surreal events and episodes that have occurred over the centuries on, beneath and along the banks of the famous waterway. From appearances of the world's first submarine to the raid on the Sex Pistols river concert, Lord Nelson's final journey to John Prescott's watery protest, and even the recent escapades during the floods, the River Thames really has witnessed it all.

Drawing on a broad range of cultural materials including novels, film, theatre and tourist literature, Writing London and the Thames Estuary by Len Platt traces the making of the Thames estuary as margin by the London metropolis.

Excavation by Oxford Archaeology in 2009 during construction of the Stanford Wharf Nature Reserve, funded and supported by the developer, DP World London Gateway, uncovered remarkable evidence for Iron Age and Roman-period salt making and associated activities. Structures included a probable boathouse, unique in Roman Britain. The excavations shed new and important light on evolving methods of salt production, which reflect wider changes in economy and society in the Thames Estuary between c. 400 BC and AD 400. Salt had a particular economic importance in the ancient world as a food preservative – changing scale and methods of production provide an essential background for understanding processes such as urbanisation, civilian trade and military supply. Salt also had a wide range of dietary, social and symbolic functions, from flavouring food to forming an ingredient in medicines and religious rituals. In the words of the Roman naturalist Pliny the Elder, writing in the first century AD, 'civilised life cannot proceed without salt'. This monograph presents the internationally important findings of three years of fieldwork and post-excavation analysis. The large scale of investigation and extensive scientific analysis of the remains has transformed our understanding of the important Iron Age and Roman salt making industry in Essex. A companion volume on the marine investigations conducted by Wessex Archaeology is presented in: London Gateway: Maritime Archaeology in the Thames Estuary.

The San Francisco Estuary

The Biography

Searching for London's Lost Treasures

Thames

Holocene Sea Level Change and Archaeology in the Inner Thames Estuary, London, UK

Trace Metals in the Environment and Living Organisms