Shipwrecks Of Lake Ontario Lab Answers

Forgotten Lives: Early History of a Coastal Village

The Late, Great Lakes

On the evening of February 2, 1864, Confederate Commander John Taylor Wood led 250 sailors in two launches and twelve boats to capture the USS Underwriter, a side-wheel steam gunboat anchored on the Neuse River near New Bern, North Carolina. During the ensuing fifteen-minute battle, nine Union crewmen lost their lives, twenty were wounded, and twenty-six fell into enemy hands. Six Confederates were captured and several wounded as they stripped the vessel, set it ablaze, and blew it up while under fire from Union-held Fort Anderson. The thrilling story of USS Underwriter is one of many involving the numerous shipwrecks that occupy the waters of Civil War history. Many years in the making, W. Craig Gaines’s Encyclopedia of Civil War Shipwrecks is the definitive account of more than 2,000 of these American Civil War—period sunken ships. From Alabama’s USS Althea, a Union steam tug lost while removing a Confederate torpedo in the Mikely River, to Wisconsin’s Berlin City, a Union side-wheel steamer stranded in Oshkosh, Gaines provides detailed information about each vessel, including its final location, type, dimensions, tonnage, crew size, armament, origin, registry (Union, Confederate, United States, or other country), casualties, circumstances of loss, salvage operations, and the sources of his findings. Organized alphabetically by geographical location (state, country, or body of water), the book also includes a number of maps providing the approximate locations of many of the wrecks -- ranging from the Americas to Europe, the Arctic Ocean, and the Indian Ocean. Also noted are more than forty shipwrecks whose locations are in question. Since the 1960s, the underwater access afforded by SCUBA gear has allowed divers, historians, treasure hunters, and archaeologists to discover and explore many of the American Civil War-related shipwrecks. In a remarkable feat of historical detective work, Gaines scoured countless sources — from government and official records to sports diver and treasure-hunting magazines — and cross-indexes his compilation by each vessel’s various names and nicknames throughout its career. An essential reference work for Civil War scholars and buffs, archaeologists, divers, and aficionados of naval history, Encyclopedia of Civil War Shipwrecks revives and preserves for posterity the little-known stories of these intriguing historical artifacts.

The Great Lakes Water Wars

From the Native water monster who raised canoe-killing storms to thousand-foot cargo ships, sailing the Great Lakes has inspired autobiography, folksong, poetry, and fiction about some of the most beautiful, most dangerous, waters in the world. In the words of the men and women who lived them, here are the dangers and triumphs, the ghosts and mysteries, the dire delights and losses, spanning the worlds of Native journeys, wars on the lakes, early canoe travel, schooner work, yacht racing, steamer travel, and the great bulk carriers. Their accounts are edited with introductions and technical explanations, illustrated with photographs and drawings, and accompanied by notes and a glossary of sailing terms. Heavy-weather sailors, arm-chair sailors, and every reader in between will find something interesting. White Squall is a history of the lakes written by those who knew them best in all weather and all eras from the beginning to the present.

Beautiful Country

Taking you to places no one has ever gone before, and blending memoir, adventure, and science, Into the Planet is a riveting account of one of the most dangerous yet exhilarating pursuits in the world: diving to the centre of the earth. "If I die, it will be in the most glorious place that nobody has ever seen." As one of the most celebrated cave divers in the world, Jill Heinerth has seen the planet in a way almost no one has. In a workday, she might swim below your home, through conduits in volcanoes or cracks in the world's largest iceberg. She's an explorer, a scientist's eyes and hands underwater—discovering new species and examining our finite freshwater reserves—and a filmmaker documenting the wonders of underwater life. Often the lone woman in a male-dominated domain, she tests the limits of human endurance at every tight turn, risking her life with each mission. To not only survive in this world but excel, Jill has had to learn how to master self-doubt like no other. With gripping storytelling that radiates intimacy, Into the Planet will transport you deep into the most exquisite, untouched corners of the earth, where fear must be reconciled and the innermost parts of the human condition are revealed.

Splinter Fleet

Lighthouses were built on the Hudson River in New York between 1826 to 1921 to help guide freight and passenger traffic. One of the most famous was the iconic Statue of Liberty. This fascinating history with photos will bring the time of traffic along the river alive. Set against the backdrop of purple mountains, lush hillsides, and tidal wetlands, the lighthouses of the Hudson River were built between 1826 and 1921 to improve navigational safety on a river teeming with freight and passenger traffic. Unlike the towering beacons of the seacoasts, these river lighthouses were architecturally diverse, ranging from short conical towers to elaborate Victorian houses. Operated by men and women who at times
**Encyclopedia of Civil War Shipwrecks**

The vibrant, sprawling saga of Empress Maria Theresa—one of the most renowned women rulers in history—and three of her extraordinary daughters, including Marie Antoinette, the doomed queen of France. Out of the thrilling and tempestuous eighteenth century comes the sweeping family saga of beautiful Maria Theresa, a sovereign of uncommon strength and vision, the only woman ever to inherit and rule the vast Habsburg Empire in her own name, and three of her remarkable daughters: lovely, talented Maria Christina, governor-general of the Austrian Netherlands; spirited Maria Carolina, the resolute queen of Naples; and the youngest, Marie Antoinette, the glamorous, tragic queen of France, and perhaps the most famous princess in history. Unfolding against an irresistible backdrop of brilliant courts from Vienna to Versailles, embracing the exotic lures of Naples and Sicily, this epic history of Maria Theresa and her daughters is a tour de force of desire, adventure, ambition, treachery, sorrow, and glory. Each of these women's lives was packed with passion and heart-stopping suspense. Maria Theresa inherited her father's throne at the age of twenty-three and was immediately attacked on all sides by foreign powers confident that a woman would be too weak to defend herself. Maria Christina, a gifted artist who alone among her sisters succeeded in marrying for love, would face the same dangers that destroyed the monarchy in France. Resourceful Maria Carolina would usher in the golden age of Naples only to face the deadly whirlwind of Napoleon. And, finally, Marie Antoinette, the doomed queen whose stylish excesses and captivating notoriety have masked the truth about her husband and herself for two hundred and fifty years. Vividly written and deeply researched, In the Shadow of the Empress is the riveting story of four exceptional women who changed the course of history.

**Shipwrecks of Lake Erie**

Investigating the global system of detention centers that imprison asylum seekers and conceal persistent human rights violations Remote detention centers confine tens of thousands of refugees, asylum seekers, and undocumented immigrants around the world, operating in a legal gray area that hides terrible human rights abuses from the international community. Built to temporarily house eight hundred migrants in transit, the immigrant “reception center” on the Italian island of Lampedusa has held thousands of North African refugees under inhumane conditions for weeks on end. Australia’s use of Christmas Island as a detention center for asylum seekers has enabled successive governments to imprison migrants from Asia and Africa, including Sudanese and Eritrean asylum seekers, for years. In The Death of Asylum, Alison Mountz takes readers on a global journey to explore the conversation about detention and the role it plays in current immigration and asylum practices. Through unprecedented access to offshore detention centers and immigrant-processing facilities, Mountz illustrates how authorities in the United States, the European Union, and Australia have created a new and shadowy geopolitical formation allowing them to externalize their borders to distant islands where harsh treatment and deadly force deprive migrants of basic human rights. Mountz details how states use the geographic inaccessibility of places like Christmas Island, almost a thousand miles off the Australian mainland, to isolate asylum seekers far from the scrutiny of humanitarian NGOs, human rights groups, journalists, and their own citizens. By focusing on borderlands and spaces of transit between regions, The Death of Asylum shows how remote detention centers effectively curtail the basic human right to seek asylum, forcing refugees to take more dangerous risks to escape war, famine, and oppression.

**The 100 Best Great Lakes Shipwrecks: Lake Ontario, Lake Erie, Lake Huron**

The extraordinary story of the Nazi-era scientific genius who discovered how cancer cells eat—and what it means for how we should. The Nobel laureate Otto Warburg—a cousin of the famous finance Warburgs—was widely regarded in his day as one of the most important biochemists of the twentieth century, a man whose research was integral to humanity's understanding of cancer. He was also among the most despised figures in Nazi Germany. As a Jewish homosexual living openly with his male partner, Warburg represented all that the Third Reich abhorred. Yet Hitler and his top advisors feared cancer, and protected Warburg in the hope that he could cure it. In Ravenous, Sam Apple reclaims Otto Warburg as a forgotten, morally compromised genius who pursued cancer single-mindedly even as Europe disintegrated around him. While the vast majority of Jewish scientists fled Germany in the anxious years leading up to World War II, Warburg remained in Berlin, working under the watchful eye of the dictator. With the Nazis goose-stepping their way across Europe, systematically rounding up and murdering millions of Jews, Warburg awoke each morning in an elegant, antiques-filled home and rode horses with his partner, Jacob Heiss, before delving into his research at the Kaiser Wilhelm Society. Hitler and other Nazi leaders, Apple shows, were deeply troubled by skyrocketing cancer rates across the Western world, viewing cancer as an existential threat akin to Judaism or homosexuality. Ironically, they viewed Warburg as Germany’s best chance of survival. Setting Warburg's work against an absorbing history of cancer science, Apple follows him as he arrives at his central belief that cancer is a problem of metabolism. Though Warburg's metabolic approach to cancer was considered groundbreaking, his work was soon eclipsed in the early postwar era, after the discovery of the structure of DNA set off a search for the genetic origins of cancer. Remarkably, Warburg’s theory has undergone a resurgence in our own time, as scientists have begun to investigate the dangers of sugar and the link between obesity and cancer, finding that the way we eat can influence how cancer cells take up nutrients and grow. Rooting his revelations in extensive archival research as well as dozens of interviews with today's leading cancer authorities, Apple demonstrates how Warburg’s midcentury work may well hold the secret to why cancer became so common in the modern world and how we can reverse the trend. A tale of scientific discovery, personal peril, and the race to end a disastrous disease, Ravenous would be the stuff of the most inventive fiction were it not, in fact, true.
Hastily built at the onset of World War II to stop German U-boats from taking their toll on Allied shipping, the 110-foot wooden subchasers were the smallest commissioned warships in the U.S. Navy yet they saw as much action as ships ten times their size. In every theater of war these "expendable" work-horses of the fleet escorted countless convoys of slow-moving ships through submarine-infested waters, conducted endless mind-numbing anti-submarine patrols, and were used in hundreds of amphibious operations. Some subchasers worked as gunboats to search for and destroy enemy barges. Others rescued downed airmen and retrieved drowning soldiers under heavy enemy fire. During the German occupation of Norway, three American-built subchasers and their Norwegian crews came to be known as "The Shetlands Bus" for their clandestine work as ferries—the only link between Norway and the free world. This book, written by the commander of one of the subchasers, defines their place in naval history and gives readers a taste of life aboard the wooden warships. Ranging with authenticity, it describes the cramped quarters and unforgiving seas as well as the tenacious courage and close bonds formed by the men as they fought out the enemy and confronted nature. Long overshadowed by the larger, faster warships and more glamorous PT boats of World War II, subchasers, until now, have been mostly forgotten. This work restores the plucky little ships to their hard-earned status as significant members of the fleet.

**Shipwreck Tales of the Great Lakes**

Tragic, memorable, or miraculous, the author here dramatizes the most spectacular shipwrecks and most incredible survivals in the history of the Great Lakes. Re-creating scenes of high courage and screaming panic, Ratigan writes of strange tales, like the captain who went down with his ship rather than let her die alone, and includes the three greatest killer storms in modern times on the freshwater seas—among them, the squall that caused the wreck of the Edmund Fitzgerald, to which an entire section of the book is dedicated. These stories destined to be retold by generations of sailors and lovers of the Great Lakes.

**Proposed management plan**

Chronicles the history and archaeological study of Lake George, New York's sunken bateaux of 1758. In Ghost Fleet Awakened, Joseph W. Zarzynski reveals the untold story of a little-recognized sunken fleet of British warships, bateau, from the French and Indian War (1755–1763). The story begins more than 250 years ago, when bateaux first plied the waters of Lake George, New York. Zarzynski enlightens readers with a history of these utilitarian vessels, considered the most important vessels that transported armies during eighteenth-century wars in North America, and includes their origins and uses. By infusing the book with underwater archaeological evidence, Zarzynski shows the substantial significance of these colonial craft. In the autumn of 1758, the British command at Lake George made a daring decision to deliberately sink two floating batteries (bateaux), some row galleys and whaleboats, a sloop, and 260 bateaux, thereby placing the warships into wet storage and protecting them from marauding French during the coming winter. In 1759, many submerged boats were raised but some were not. Then, in 1960, two divers rediscovered several sunken bateaux, dubbed the "Ghost Fleet." These shipwrecks were the focus of underwater archaeological investigations that provided archaeologists with opportunities to gain unprecedented insight into eighteenth-century lifeways. Zarzynski explores and explains shipwreck preservation techniques, the creation of shipwreck parks for scuba enthusiasts, and the many multifaceted programs developed by the nonprofit organization Bateaux Below to help protect these finite cultural resources. "Zarzynski offers fascinating new research on bateau shipwrecks through the use of manuscripts, period newspaper accounts, and interviews. It is an outstanding piece of research, explaining the chronological history of cultural resource preservation. No other book provides this level of documentation on the role of bateaux during the wars of the eighteenth century." — Russell P. Bellico, author of Empires in the Mountains: French and Indian War Campaigns in Forts in the Lake Champlain, Lake George, and Hudson River Corridor "This is a major contribution to the field of American history, New York State history, underwater archaeology, and cultural resource management. There is no equivalent book that documents this story." — Timothy J. Runyan, editor of Ships, Seafaring and Society: Essays in Maritime History

**Moby-Duck**

Discover lost history in the dark waters of Lake George. Lake George is bustling with boaters, swimmers, fishermen and many others, enjoying its scenic, quintessentially Adirondack shore. But the depths below hide a whole other world—one of shipwrecks and lost history. Entombed are remnants of Lake George's important naval heritage, such as the legendary Land Tortoise radeau, which sank in 1758. Other wrecks include the steam yacht Ellide and the first famed Minne-Ha-Ha. These waters hold secrets, too, like the explanation behind the 1926 disappearance of two hunters. After years of exploration across the lake's bottomlands, underwater archaeologist Joseph W. Zarzynski and archeological diver Bob Benway present the most intriguing discoveries among more than two hundred known shipwreck sites.

**Scow Schooners of San Francisco Bay**

Winner of the 2015 Scotiabank Giller Prize Finalist for the 2015 Toronto Book Awards Winner of the 2015 Rogers Writers' Trust Fiction Prize "[Alexis] devises an inventive romp through the nature of humanity in this beautiful, entertaining read ... A clever exploration of our essence, communication, and how our societies are organized." — Kirkus Reviews "This might be the best set-up of the spring." — The Globe & Mail "André Alexis has established himself as one of our preeminent voices." — Toronto Star – I wonder, said Hermes, what it would be like if animals had human intelligence. – I’ll wager a year’s servitude, answered Apollo, that animals – any animal you like – would be even more unhappy than humans are, if they were given human intelligence. And so it begins: a bet between the gods Hermes and Apollo leads them to grant human consciousness and language to a group of dogs overnighting at a Toronto veterinary clinic. Suddenly capable of more complex thought, the pack is torn between those who resist the new ways of thinking, preferring the old "dog" ways, and those who embrace the change. The gods watch from above as the dogs venture into their newly unfamiliar world, as they become divided among themselves, as each struggles with new thoughts and feelings. Nily Benyo moves from home to home, Prince becomes a poet, and Majnoun forges a relationship with a kind couple that stops even the
Fates in their tracks. André Alexis’s contemporary take on the apologue offers an utterly compelling and affecting look at the beauty and perils of human consciousness. By turns meditative and devastating, charming and strange, Fifteen Dogs shows you can teach an old genre new tricks. André Alexis was born in Trinidad and grew up in Canada. His debut novel, Childhood, won the Books in Canada First Novel Award, the Trillium Book Award, and was shortlisted for the Giller Prize and the Writers’ Trust Fiction Prize. His other previous books include Asylum, Beauty and Sadness, Ingrid & the Wolf and, most recently, Pastoral, which was also nominated for the Rogers Writers’ Trust Fiction Prize and was named a Globe and Mail Top 100 book of 2014.

Haunted Lakes II
Selected by The New York Times Book Review as a Notable Book of the Year A revelatory tale of science, adventure, and modern myth. When the writer Donovan Hohn heard of the mysterious loss of thousands of bath toys at sea, he figured he would interview a few oceanographers, talk to a few beachcombers, and read up on Arctic science and geography. But questions can be like ocean currents: wade in too far, and they carry you away. Hohn's accidental odyssey pulls him into the secretive world of shipping conglomerates, the daring work of Arctic researchers, the lunatic risks of maverick sailors, and the shadowy world of Chinese toy factories. Moby-Duck is a journey into the heart of the sea and an adventure through science, myth, the global economy, and some of the worst weather imaginable. With each new discovery, Hohn learns of another loose thread, and with each successive chase, he comes closer to understanding where his castaway quarry comes from and where it goes. In the grand tradition of Tony Horwitz and David Quammen, Moby-Duck is a compulsively readable narrative of whimsey and curiosity.

The Sinking of the Mayflower
Easternmost of the Great Lakes, Lake Ontario is bordered by both New York and Ontario. Upon its pristine surface, countless vessels have sailed, but its bottom depths are littered with the skeletons of shipwrecks, including HMS Ontario, caught and destroyed in one of the sudden storms that often turn this sea-like lake deadly. Daring mariners, male and female, have seen their share of peril, and battles during wars between Britain and the United States and Canada have also been waged here. From Huron canoes to today's "Sunday sailors" who venture from shore only during warmer months, local author Susan Gateley tells some of the lake's most exciting stories.

Ravenous: Otto Warburg, the Nazis, and the Search for the Cancer-Diet Connection

Great Lakes Shipwrecks & Survivals

Newsletter
The great lakes have seen many ships meet their end, but none so much as Lake Erie. As the shallowest of the Great Lakes, Lake Erie is prone to sudden waves and wildly shifting sandbars. The steamer Atlantic succumbed to these conditions when, in 1852, a late night collision brought 68 of its weary immigrant passengers to watery graves. The 1916 Black Friday Storm sank four ships -- including the "unsinkable" James B. Colgate -- in the course of its 20-hour tantrum over the lake. In 1954, a difficult fishing season sent the Richard R into troubled waters in the hopes of catching a few more fish. One of the lake's sudden storms drowned the boat and three man crew. At just 50 miles wide and 200 miles long, Lake Erie has claimed more ships per square mile than any other body of freshwater. Author David Frew dives deep to discover the mysteries of some of Lake Erie's most notorious wrecks.

Shipwreck Tales
This manual explains what is presented on the nautical chart, highlights the utility of this information, describes the charting conventions used to depict features and items of interest, and provides some practical pointers on how this information is used. It is written to serve many types of users, ranging from operators of recreational vessels to those who drive

Lake George Shipwrecks and Sunken History

The Death of Asylum
Documents the stories of a number of sunken vessels on the United States territory in Lake Ontario, among them the steamer Elisworth, the St. Peter, the Homer Warren, the schooner Etta Belle, the Coast Guard cable boat CC-56022, the schooner William Elgin, the Orcadian, the steamer Samuel F. Hodge, the N.Y. Emery, the British warship Ontario, the schooner C. Reeve, the Queen of the Lakes, the schooner Atlas, the Ocean Wave, the steamer Roberval, the U.S. Air Force C-45, the schooner Three Brothers, the steamship Nisbet
Read Online Shipwrecks Of Lake Ontario Lab Answers

Grammar, the steamship Bay State, the schooner Royal Albert, the sloop Washington, and the schooner Hartford. Appendices look at three particular locations: Ford Shoals, Mexico Bay, and the lake near Oswego.

Zooplankton of the Great Lakes

Researchers, instructors, and students will appreciate this compilation of detailed information on the crustacean zooplankton of the Great Lakes. The authors have gathered data from more than three hundred sources and organized into a useful laboratory manual. The taxonomic keys are easy to use, suitable for both classroom and laboratory identifications. Detailed line drawings are provided to help confirm the identification of the major species. Zoologists, limnologists, hydrobiologists, fish ecologists, and those who study or monitor water quality will welcome this dependable new identification tool. A concise summary of pertinent information on the ecology of these zooplankton is provided in the main body of the text. A check-list of all species reported from each of the Great Lakes and notes on the distribution and abundance of more than a hundred species were compiled from an extensive search of existing literature. In addition, the authors collected samples from several locations on Lake Superior, in order to provide information on the abundance and life histories of the major crustacean species.

Lake Michigan in Motion

Presque Isle State Park, a peninsula extending seven miles into Lake Erie, attracts four million visitors each year. Since the late 1800s, the park has been an ecological and recreational paradise where visitors can enjoy solitude, reflection, and the wonders of nature. At times strong storms are driven in off of Lake Erie, however, and since 1814, man has been struggling to protect Presque Isle against the forces of nature that constantly cause destruction and erosion on the park. Through extensive research and vintage images gathered from the collections of author Eugene Ware, the Erie County Historical Society, Erie County Public Library, Pennsylvania Department of Conservation and Natural Resources, and various local sources, A History of Presque Isle reflects the history and special aura of the park. It traces the long and rich past of Presque Isle and Erie, Pennsylvania, from the peninsula's formation in the ice ages to the early 1950s. Through a series of conversations with Joe Root, the legendary hermit who lived in the park from approximately 1880 until nearly 1915, as well as his own personal reflections, Ware provides an unforgettable glimpse into the beauty and majesty of Presque Isle, including what it offers visitors today. A History of Presque Isle documents the history and complete story of a Pennsylvania park known for its ghosts, legends, and gift for influencing visitors to this day.

My Body

The Terror

The Late, Great Lakes is a powerful indictment of man's carelessness, ignorance, and apathy toward the Great Lakes. With the longest continuous coastline in the United States, they hold one-fifth of the world's freshwater supply. Author William Ashworth presents a compelling history of the Great Lakes, from their formation in the Ice Age, to their "discovery" by Samuel de Champlain in 1615, and, finally, to their impending death in our time. Ashworth systematically deals with the wild life that once flourished in the region–beaver, salmon, whitefish, and trout–and describes the threatening elements which have displaced them—the predatory sea lamprey, the alewives, toxic waste, and volatile solids.

Nautical Chart User's Manual

The "masterfully chilling" novel that inspired the hit AMC series (Entertainment Weekly). The men on board the HMS Terror -- part of the 1845 Franklin Expedition, the first steam-powered vessels ever to search for the legendary Northwest Passage -- are entering a second summer in the Arctic Circle without a thaw, stranded in a nightmarish landscape of encroaching ice and darkness. Endlessly cold, they struggle to survive with poisonous rations, a dwindling coal supply, and ships buckling in the grip of crushing ice. But their real enemy is even more terrifying. There is something out there in the frigid darkness: an unseen predator stalking their ship, a monstrous terror clawing to get in. “The best and most unusual historical novel I have read in years.” --Katherine A. Powers, Boston Globe

Marine Technology Society Journal

The Great Lakes are the largest collection of fresh surface water on earth, and more than 40 million Americans and Canadians live in their basin. Will we divert water from the Great Lakes, causing them to end up like Central Asia's Aral Sea, which has lost 90 percent of its surface area and 75 percent of its volume since 1960? Or will we come to see that unregulated water withdrawals are ultimately catastrophic? Peter Annin writes a fast-paced account of the people and stories behind these upcoming battles. Destined to be the definitive story for the general public as well as policymakers, The Great Lakes Water Wars is a balanced, comprehensive look behind the scenes at the conflicts and compromises that are the past-and future-of this unique resource.

Maritime Tales of Lake Ontario

Spirits, sea serpents and superstitions. The inland seas of the Great Lakes hold just as many spellbinding ghostly tales as the salt-water seas. One book simply couldn't carry all of the hauntings of these massive lakes - so now comes Haunted Lakes II, sequel to the popular Haunted Lakes. Once again noted maritime author Frederick Stonehouse compiles
the mystifying tales of ghosts on boats, under water and in lighthouses, of underwater creatures and shipboard superstitions in an entertaining collection gathered from true believers. This is the perfect companion to the first Haunted Lakes and has become a Great Lakes classic in its own right.

In the Shadow of the Empress

Selected Water Resources Abstracts

Shortlisted for the 2021 Booker Prize Longlisted for the 2021 National Book Award for Fiction A heartrending new novel from the Pulitzer Prize–winning and #1 New York Times best-selling author of The Overstory. Named one of the Most Anticipated Books of 2021 by Newsweek, Los Angeles Times, New York Magazine, Chicago Tribune, BuzzFeed, BookPage, Goodreads, Literary Hub, The Millions, New Statesman, and Times of London The astrobiologist Theo Byrne searches for life throughout the cosmos while single-handedly raising his unusual nine-year-old, Robin, following the death of his wife. Robin is a warm, kind boy who spends hours painting elaborate pictures of endangered animals. He's also about to be expelled from third grade for smashing his friend in the face. As his son grows more troubled, Theo hopes to keep him off psychoactive drugs. He learns of an experimental neurofeedback treatment to bolster Robin's emotional control, one that involves training the boy on the recorded patterns of his mother's brain. With its soaring descriptions of the natural world, its tantalizing vision of life beyond, and its account of a father and son's ferocious love, Bewilderment marks Richard Powers's most intimate and moving novel. At its heart lies the question: How can we tell our children the truth about this beautiful, imperiled planet?

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