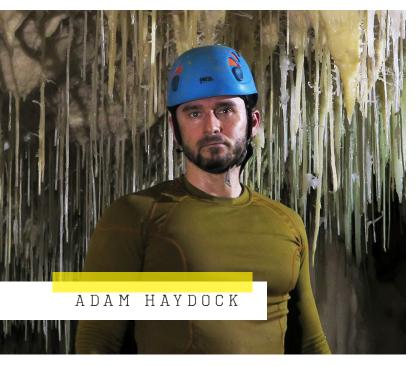




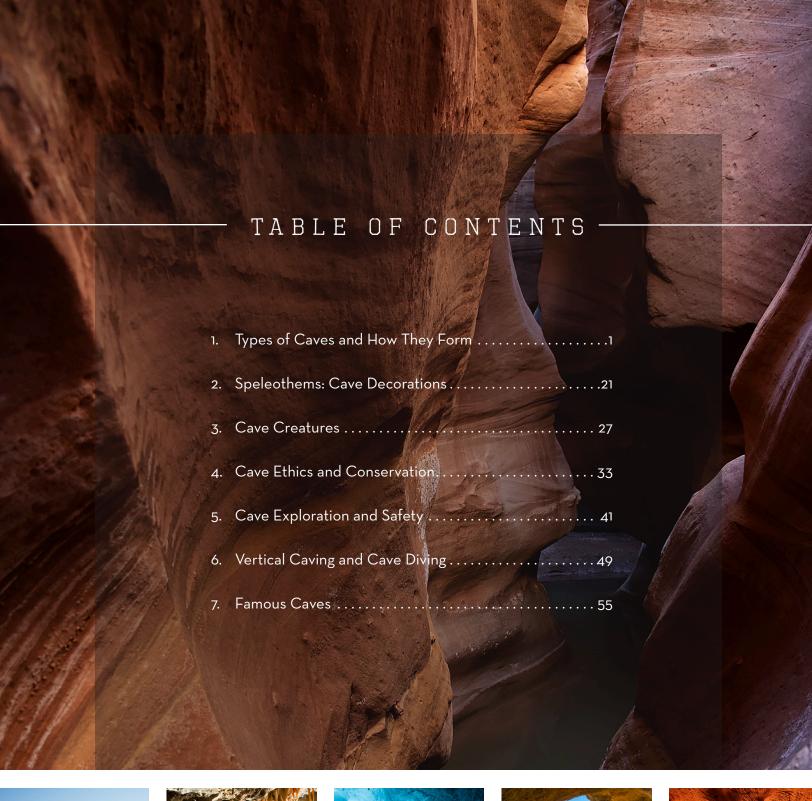
MEET THE PHOTOGRAPHERS





Thirteen years ago, Adam Haydock became divemaster certified through PADI (Professional Association of Diving Instructors). He worked for special maritime operations, first responder rescues, and body recoveries. He is a self-taught photographer and goes on abundant and diverse underwater cave explorations. His knowledge, experience, and expertise are priceless to organizations and universities that want to know more about and document the underwater world of caves. His cave-diving and camping experiences have taken him on cave explorations as long as nine days, as deep as 67 m (220 ft) underwater, and as broad as North, Central, and South America.

Brandon Kowallis is the author and photographer of *Fragile Frontiers*, a book about cave exploration, complete with his own spectacular photography. His greatest thrill is to go where no human has ever been before, which he has accomplished numerous times by caving throughout North, South, and Central America. A Fellow of the National Speleological Society (NSS), he teaches online cave photography courses, donating 50% of the proceeds back to NSS. His greatest joy is his wife and kids. They live near Salt Lake City, Utah, where Brandon is the director of Concurrent Enrollment at Salt Lake Community College.







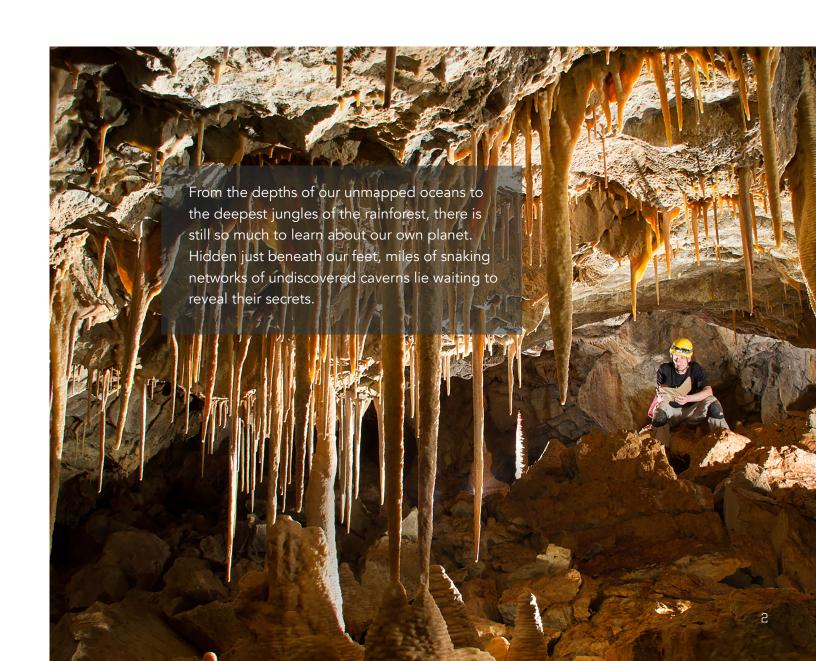






HUMANS SEEM TO HAVE A NATURAL TENDENCY TO EXPLORE. This appetite to

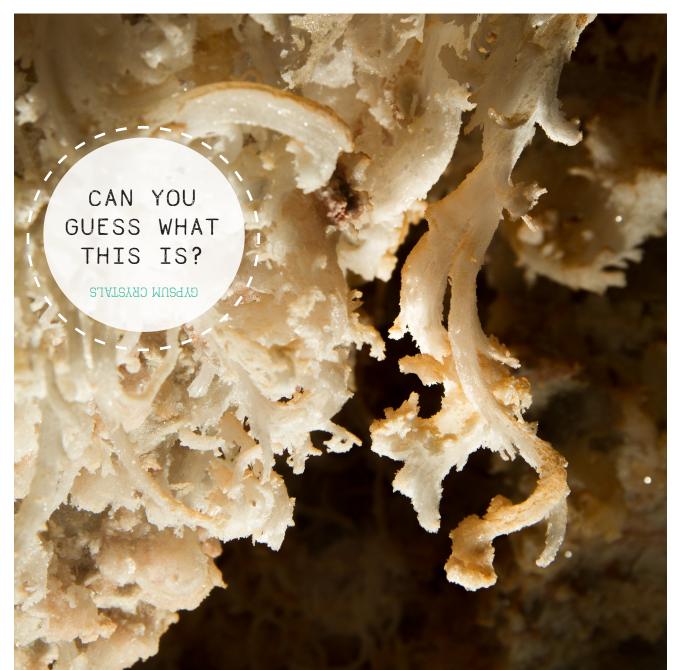
discover places never before seen is what motivated brave explorers to cross the vast ocean expanse during the Age of Discovery. It is why we reach out beyond our own planet's gravitational pull to walk on the moon and to land rovers on Mars. Here on Earth there remain many mysteries to uncover and places to explore.

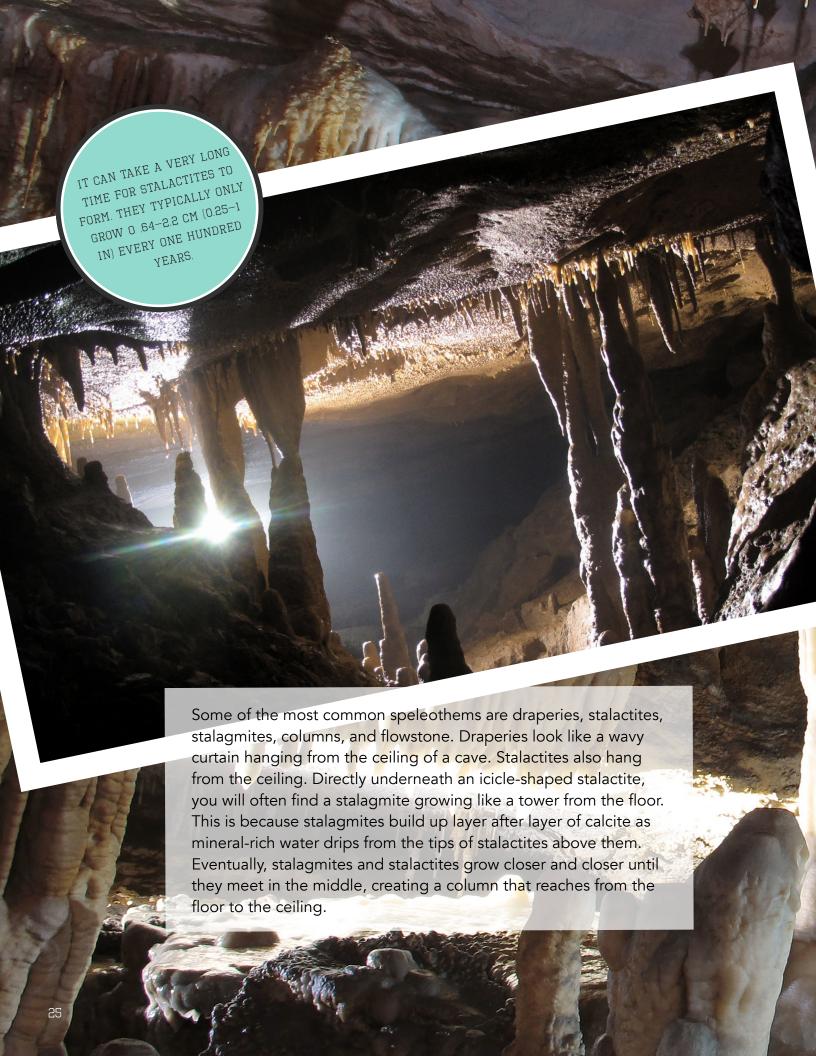




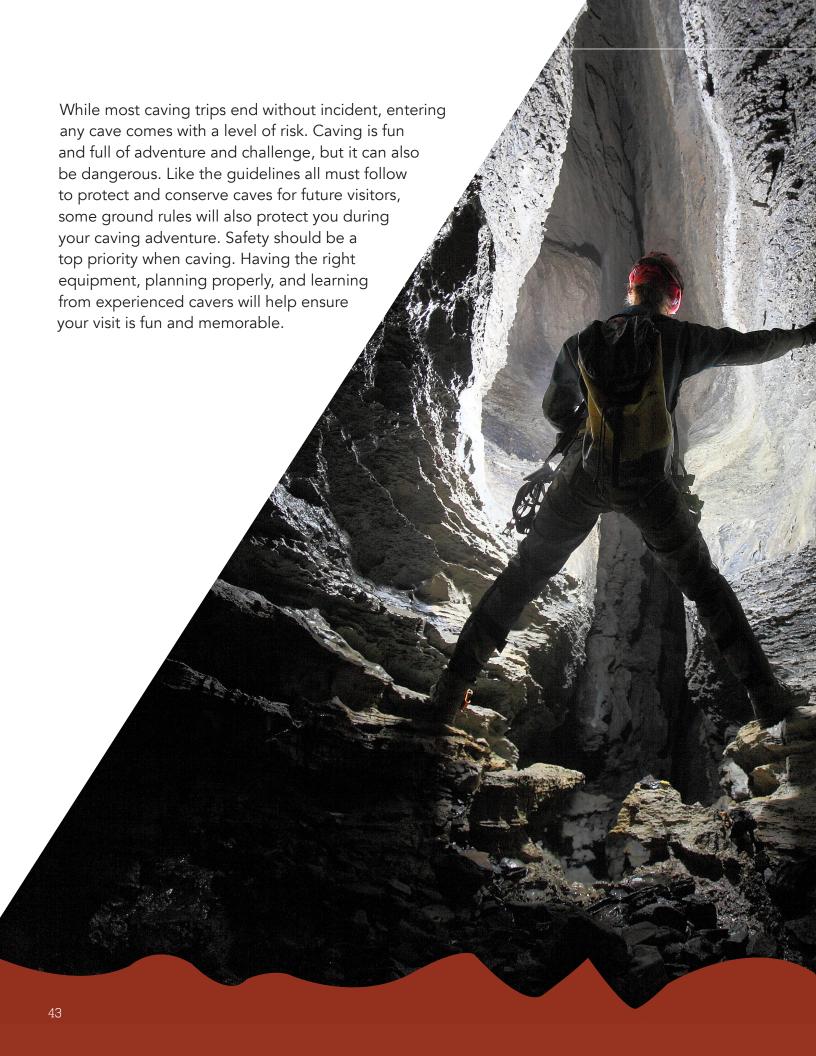
A MAJOR DRAW FOR CAVE VISITORS IS THE FASCINATING AND AWE-INSPIRING NATURAL DECORATIONS FOUND NOWHERE ELSE ON EARTH.

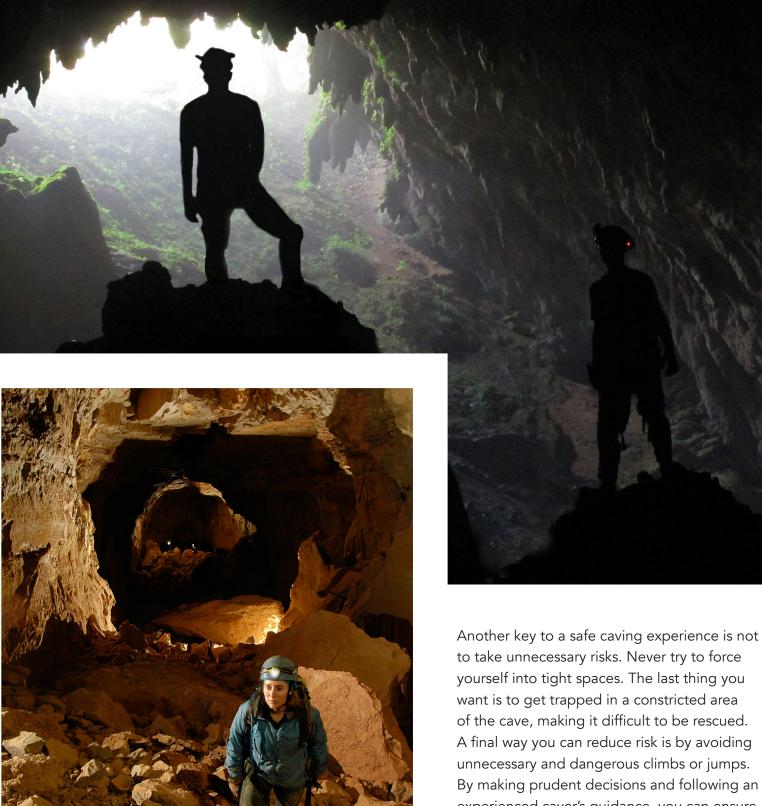
Smooth and shining icicle-like rocks that hang from the ceiling or rise up from the ground, cave pearls, and gypsum crystals are all types of underground formations called speleothems. Some speleothems have oddly descriptive names, such as soda straws, cave popcorn, flowstone, fried eggs, and cave bacon. Not only are speleothems breathtaking to see, but they also hold clues to how caves form and contain a historical record of the climate from the past.





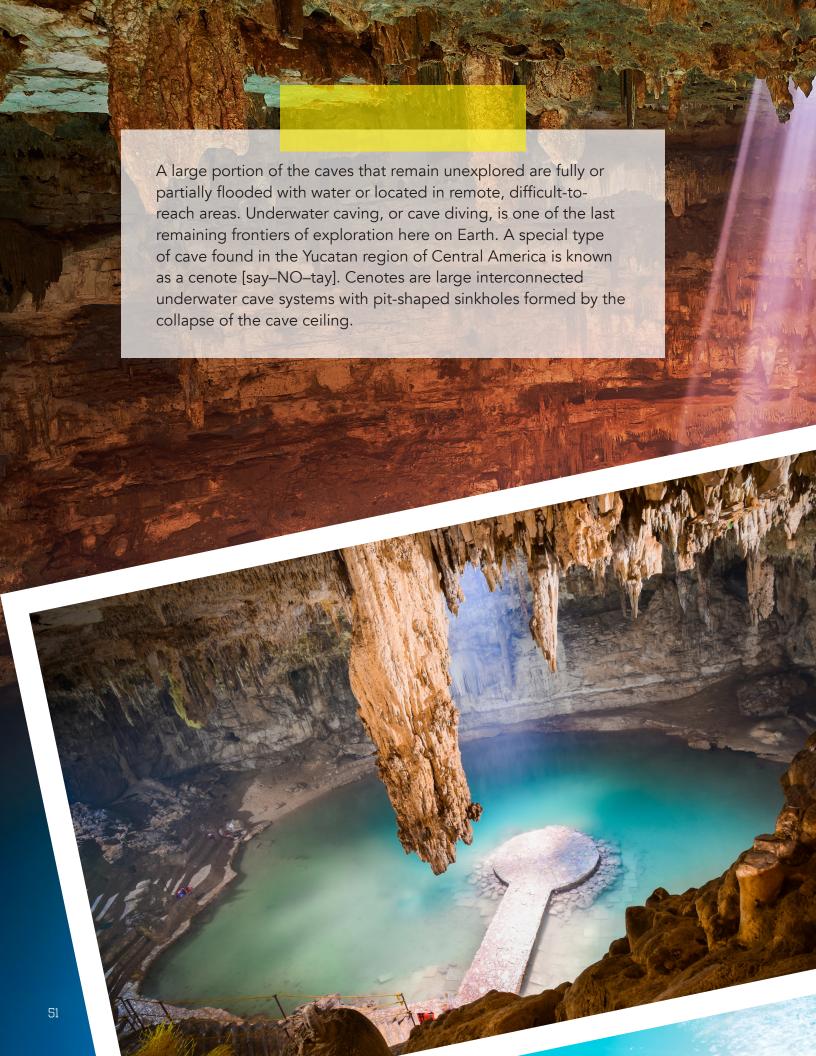






to take unnecessary risks. Never try to force yourself into tight spaces. The last thing you want is to get trapped in a constricted area of the cave, making it difficult to be rescued. A final way you can reduce risk is by avoiding unnecessary and dangerous climbs or jumps. By making prudent decisions and following an experienced caver's guidance, you can ensure your caving adventure is both safe and fun.

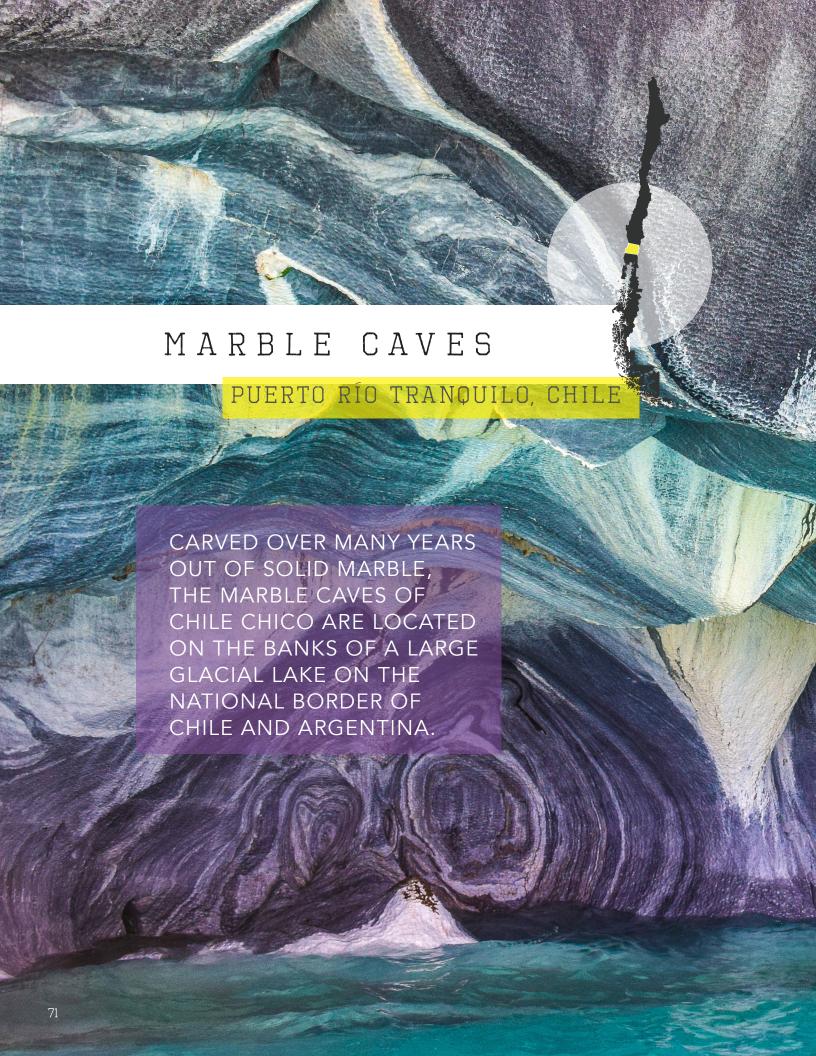






SOME OF THE LARGEST NATURAL CRYSTALS EVER DISCOVERED WERE FOUND UNDERGROUND IN THE NAICA MINE, MEXICO,

but visiting the formations is not possible for just anybody. The only way to access the caverns full of selenite, a type of gypsum crystal, is by pumping out thousands of gallons of steamy, geothermally heated water that normally fills the caverns. With temperatures reaching a sweltering 57.2 °C (135 °F), visits of more than a just a few minutes require specialized protective suits with their own air supply.





THE UNDERGROUND WILDERNESS



Stepping into a cave is like entering an unfamiliar world. These majestic underground spaces are full of breathtaking sights, from columns of glowing ice and fantastic rock formations to vast networks of underwater caverns. In this book, you'll learn about different types of caves and the strange and beautiful creatures that live inside them as well as how to safely and responsibly explore the subterranean world. Featuring the stunning photography of Adam Haydock and Brandon Kowallis, *Caves: The Underground Wilderness* will inspire a new generation to love and respect nature's buried treasures.

ORIGINAL PUBLICATION



