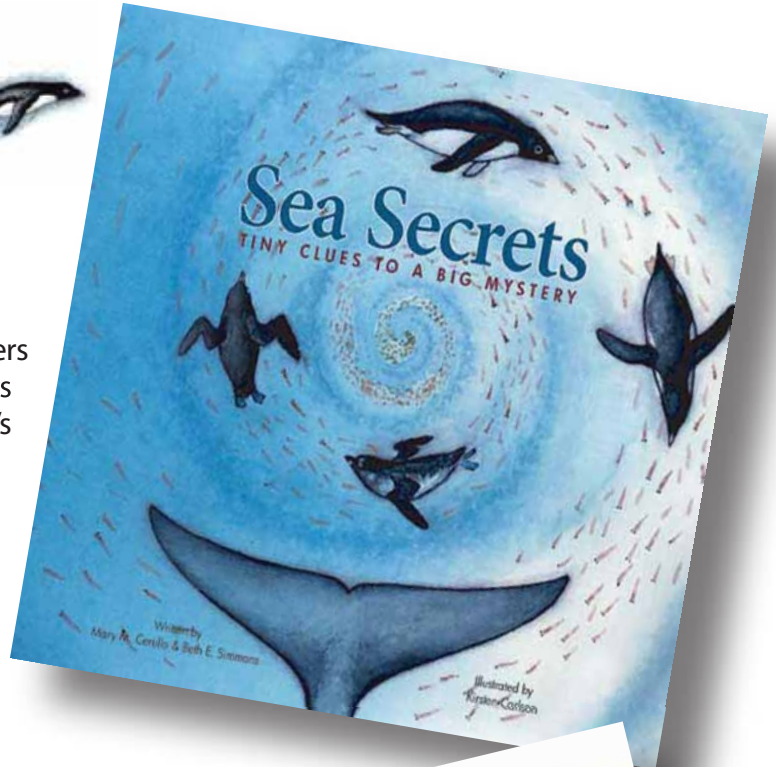




Sea Secrets

Text by Mary M. Cerullo & Beth E. Simmons
Illustrations by Kirsten Carlson
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<http://www.moonlight-publishing.com/>



Tiny Clues To A Big Mystery

Inspired by research from two LTER sites, young readers are invited to join a scientific inquiry. The quest begins in the California Current and then travels across 1000's of miles of Pacific Ocean to the Antarctic Peninsula. Seabirds, whales and penguins engage readers in an exploration of these two different ecosystems. On the journey, ecological concepts are uncovered ranging from the characteristics of animals and their adaptations to the interdependence of organisms in marine environments. As the story unfolds, the mystery unravels, revealing one tiny animal that links them all.

Zooplankton

Much of the information on zooplankton (a key link in marine food webs) was inaccessible, obscured by the lingo of research. To present the main LTER research findings required connecting zooplankton to organisms that captured the attention of children. The story development involved many, e.g. lead Principal Investigators, affiliated scientists, graduate students, outreach coordinators, authors, illustrators, editors, publishers, teachers and their elementary students. Endorsed through the International Polar Year (IPY) program, the book underscores both LTER sites' dedication to science literacy. This book is a vehicle to encourage discussions on more complex topics infusing excitement into learning science.



Sea Secrets is included in Polar Books Club (www.unep.org/publications/polarbooks)

Books can be purchased from Moonlight Publishing or Amazon.com

More at <http://www.lternet.edu/news/Article219.html>



The mission of the Schoolyard Series is to engage children and their families in learning about the earth's ecosystems, both locally and internationally, through narratives that reflect the dynamic research being conducted at the National Science Foundation's Long-Term Ecological Research Sites.

