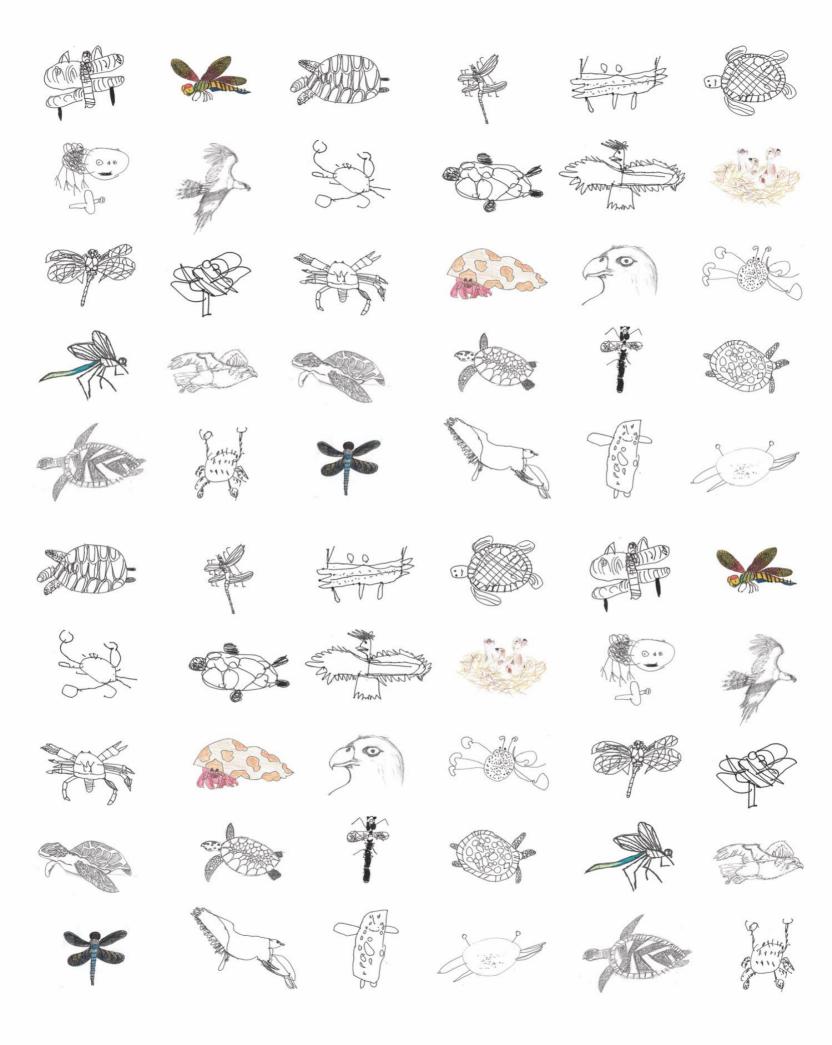
Champions of the Mangroves

Rebecca Kent





Champions of the Mangroves



Written and Illustrated by Rebecca Kent

This book is dedicated to all past, present and future students at The KAUST School, who will inherit this planet and hopefully take positive environmental actions to make it a more sustainable natural world. I also dedicate it to teachers everywhere who promote and make connections to raise global awareness in the classroom.

Champions of the Mangroves

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This book has been produced with the support and encouragement of Health, Safety & Environment. For information, contact: environmentmatters@kaust.edu.sa

ISBN: 101020180012497

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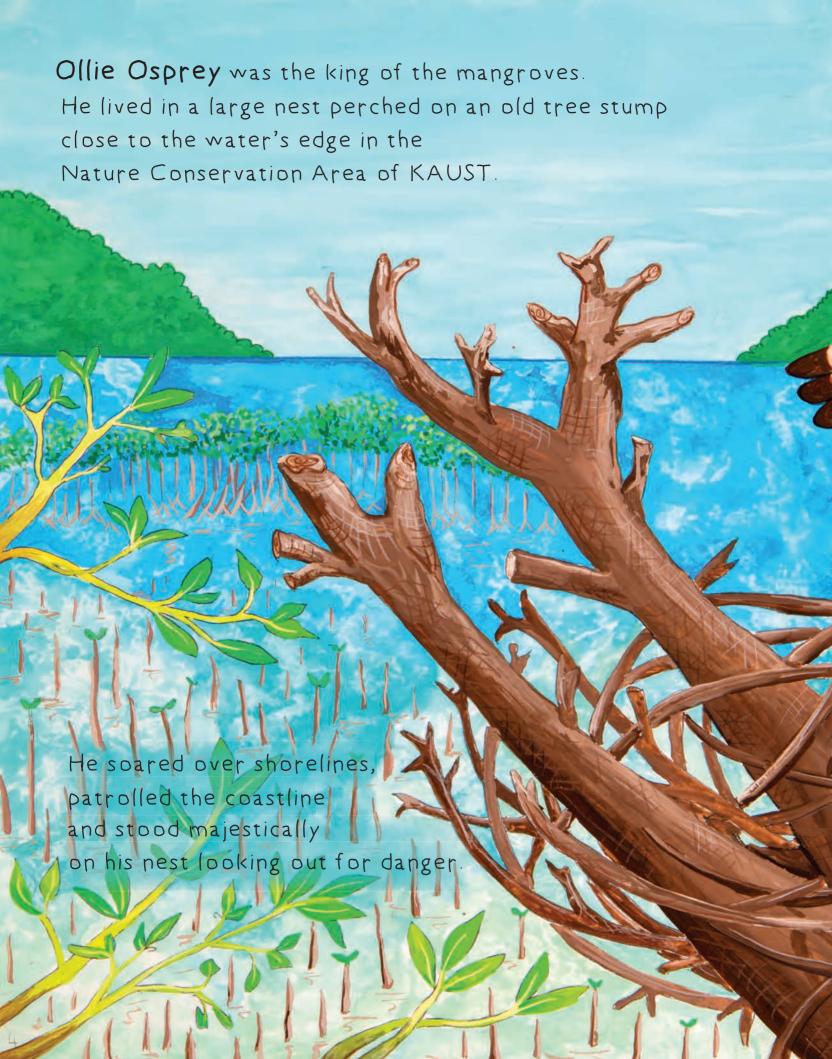


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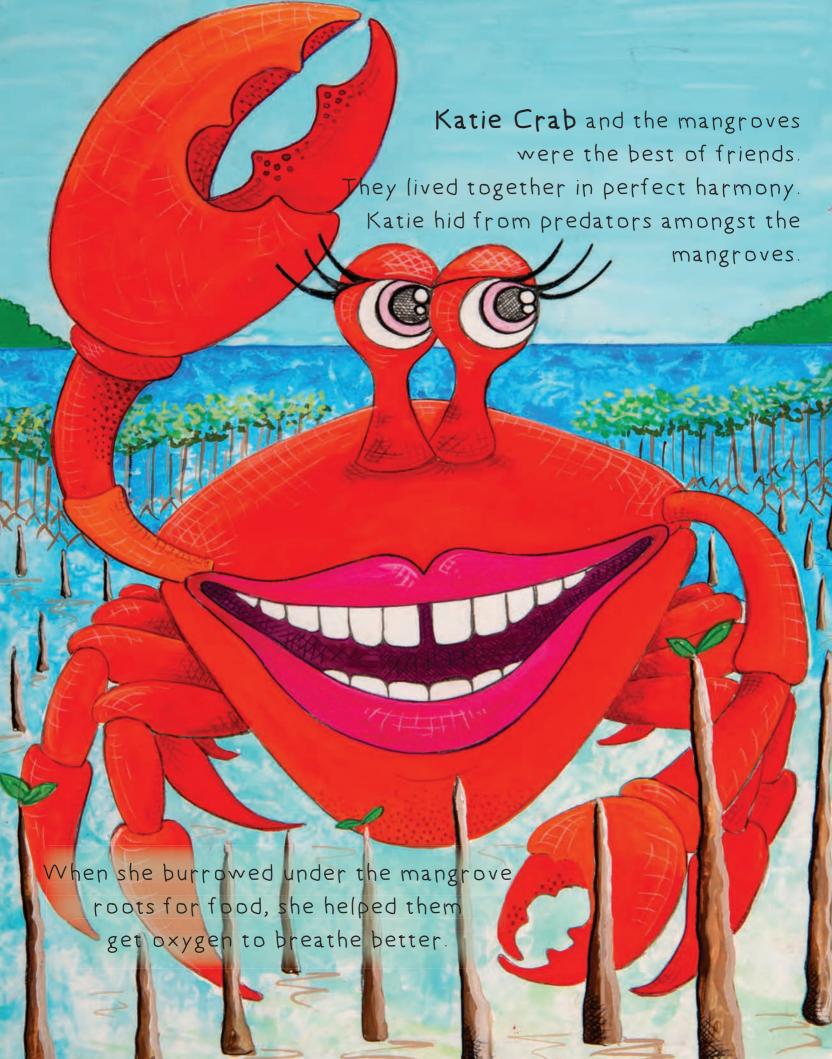
As a K3 Kindergarten teacher at The KAUST School, I understand the importance of encouraging our young learners to develop an understanding about saving the planet. I would like to offer my thanks to the KAUST Health, Safety and Environment team who gave me the opportunity to write and illustrate this picture book.

This shows KAUST's commitment to educating the community about the mangroves, and the diverse life that inhabits this amazing environment. I am particularly grateful for the support of Brian James, Ana Costa, Choungyoun Park, Shahzad Ghauri, Sufyan Khan and Mohamed Omar, the visionaries behind this project.

I wish to acknowledge and thank my K3 class and some Grade 5 students for their unique animal drawings. Finally, I would like to thank my husband and best friend, Jez, for supporting me through the painstaking process of producing this book.







Katie and Ollie were the champions of the mangroves.



They worked together with a team of trusted friends to keep the mangroves safe and clean.

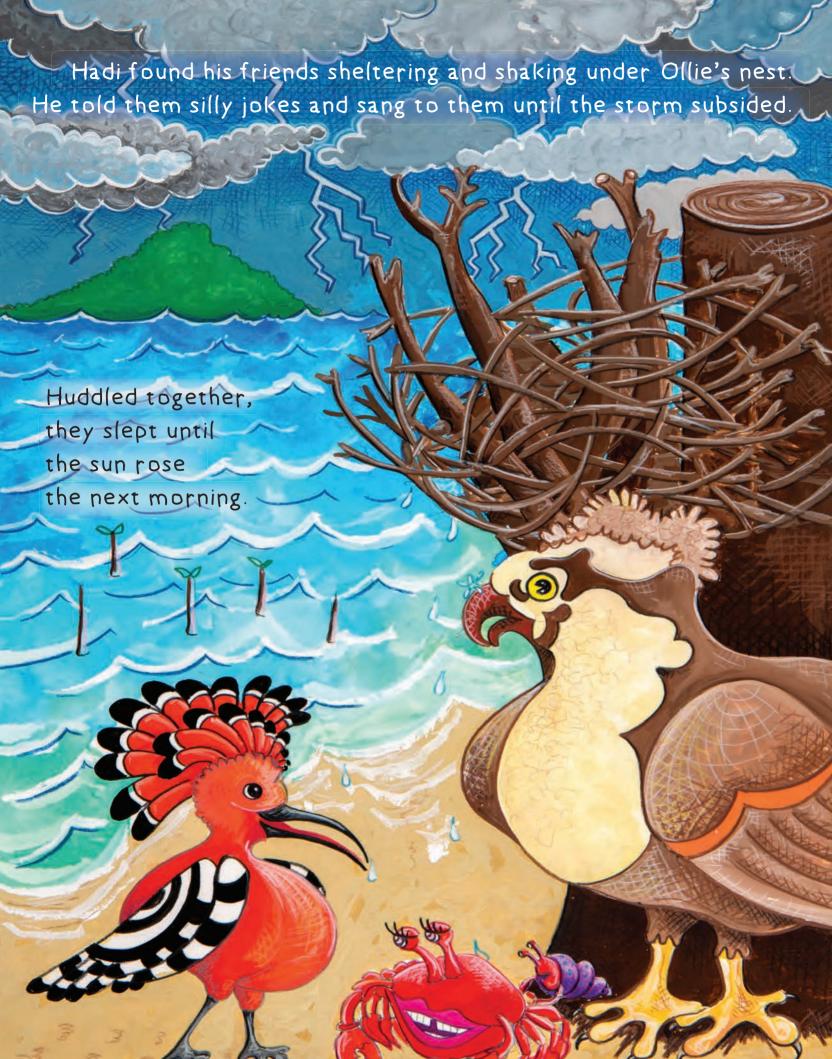
Hadi Hoopoe Bird lived at the far end of the community park. He liked the trees and the grass. He did not like the sea but his friends lived there.



On Monday night there was a HUGE storm.

Lightning lit up the KAUST sky,
followed by great crashes of thunder.

Hadi flew to the beach to see if everyone was okay.





Nature Conservation Area

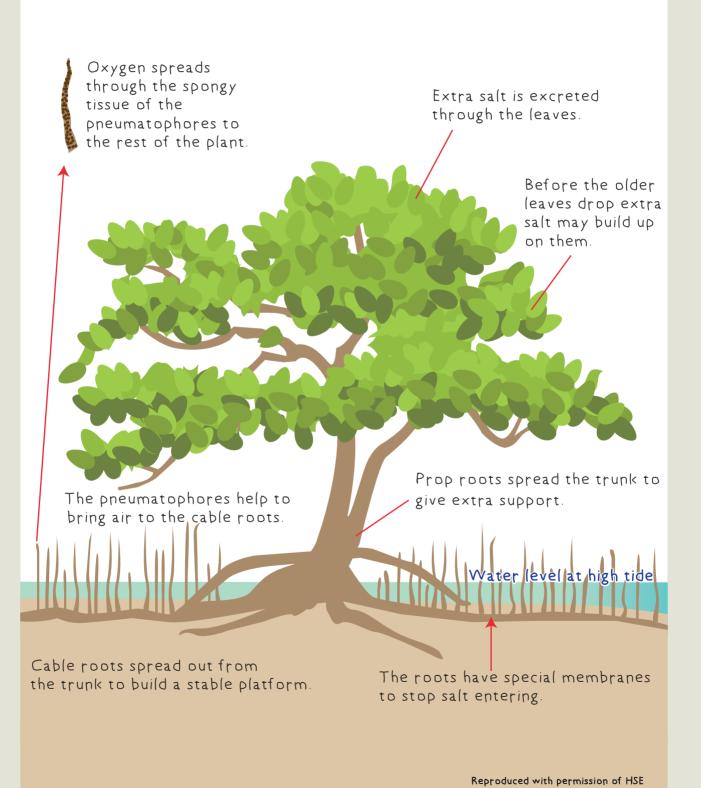
In June 2017, KAUST set aside 152 hectares of protected land as a Nature Conservation Area near the King Abdullah Monument at the northern side of the University. This formal designation is a clear testimony of the University's commitment to protecting and enhancing the unique local biodiversity within the University.

Vature Conservation Area This area is home to a well preserved mangrove forest, seagrass, shallow banks, crabs, and a variety of birds. The dominant mangrove species in the area is "Avicennia" marina, also known as the grey or white mangrove. This mangrove forest supports a unique local ecosystem by: Acting as an important nursery for juvenile fish; Providing habitat for crabs, shrimps, shell fish and birds; Supplying nutrients to neighboring ecosystems, including coral reefs and sea grass beds; Sequestering and storing Second carbon and so decreasing the effects of global warming; whil Ln Stabilizing shorelines and preventing erosion. The scientific name of this mangrove plant is attributed to one of the great Muslim philosophers and natural historian, Abu-Ali Al-Husayn Ibn-Sina, known to the western

The scientific name of this mangrove plant is attributed to one of the great Muslim philosophers and natural historian, Abu-Ali Al-Husayn Ibn-Sina, known to the western world as Avicennia. He was one of the early scientists who described the natural history of the Red Sea including the life cycle of the mangrove species. One of the main KAUST campus buildings bears his name Ibn-Sina Building.

Mangrove Adaptations

The mangrove plant found at KAUST, 'Avicennia marina' has unique adaptations that enable it to thrive in such a harsh saline habitat.







Meet the "Champions of the Mangroves" whose habitat is being damaged and endangered by rubbish that does not care!

Join their challenge as they strive to clean up the mangroves and put the rubbish in its place!