

An underwater scene with several jellyfish swimming in the water. The water is a deep blue-green color. The jellyfish are translucent with long, thin tentacles. They are scattered throughout the frame, some near the surface and some deeper down. The overall atmosphere is serene and mysterious.

CONTENTS

Preface	8
Foreword by Jill Tiefenthaler & Gary Knell	10
Introduction	12
PART I · THE LIVING OCEAN	16
Chapter One: Origin of the Ocean	18
Chapter Two: Water—Giver of Life	54
Chapter Three: Motion in the Ocean	92
PART II · LIFE IN THE OCEAN	130
Chapter Four: Swimming in the Sea of Life	132
Chapter Five: Coastal Sea Life	206
Chapter Six: Open Ocean Life	236
PART III · OUR LIVES AND THE OCEAN	268
Chapter Seven: Tools for Deep Discovery	270
Chapter Eight: Humans and the Sea	312
Chapter Nine: Climate—It's About the Ocean	358
Chapter Ten: The Future Ocean	384
PART IV · ATLAS OF THE OCEAN	420
Acknowledgments	506
About the Authors	507
Index	508
Illustrations & Map Credits	515