Popular Science

May 1995 • A Times Mirror Magazine • Founded in 1872 • Volume 246 • Number 5

Introduction

A Celebration of the Oceans Reflections of a famed ocean explorer...9

Departments

Editor's Note Everyday realities of the Ocean Planet...6

Oceanfronts Virtual diving, a plan for safer seafood, and more...15

F.Y.I. Your questions, our answers, and profiles of marine research facilities...91

Looking Back One hundred years of ocean technology...116



25 Man and the Sea

He Seeks the Giant Squid

Why we don't have a "wet NASA"...32

Swarms of submersibles are plumbing the ocean's depths...39

A Smithsonian scientist's quest for an elusive sea monster...28

Undersea Explorers

Resources from the Sea

Fishing for Cures

Sea creatures are medical science's best friends...62

Super Structure

In the North Atlantic, the biggest offshore oil-drilling platform ever...66

Sea Power

Our ability to tap the ocean as a clean energy source has come of age ...70



47

Creatures of the Sea

The Living Reef

Infinitely complex, coral reefs are threatened worldwide...48

Creatures of the Thermal Vents

Bizarre life-forms flourish near fissures in the ocean floor...54

The Diversity of the Sea

An illustrated sampling of ocean-dwelling creatures...58

The Ocean Planet

El Niño: The Weathermaker
The ocean is the source of mighty floods and disastrous droughts...76

Oceans at Risk

A global view of the threats to the health of our seas...85

Cover Photo By Rob Gilley

THE QUEST TO SAVE OUR OCEAN PLANET



Times Mirror Magazines and the Smithsonian Institution wish to thank these companies for their participation in, and contribution to, the largest marine environmental education program ever undertaken. This program is brought to you in part by . . .





DISCOVERY CHANNEL
QUAD GRAPHICS
THE WATER FOUNDATION
SMITHSONIAN MAGAZINE

SPECIAL ISSUE

Occass At Risk

Undersea Explorers

Searching For Giant Squid

El Niño: The Weathermaker

Sea Floor Creatures

Medicines From The Sea

Coral Reefs

MAY 1995 \$2.50

Henfulledterelldaldterelldaldeldald

KINEN WN SE763-8036

