

# AUDUBON

MAGAZINE OF THE  
NATIONAL AUDUBON  
SOCIETY

JANUARY-FEBRUARY 1995  
VOLUME 97, NUMBER 1

## CONTENTS

### 38 California vs. Gnatcatcher?

Or will this endangered bird replace spotted owl-style confrontation with ecologist-developer consensus?

By Charles C. Mann and  
Mark L. Plummer  
Photography by Peter Menzel



Page 55

ON THE COVER:  
An endangered  
California gnatcatcher, in the path  
of development.  
(Photograph by B.  
"Moose" Peterson)



Page 50

### 50 On Haitian Soil

Troops and elections count, but Haiti's real fate is a matter of trees, pigs, and topsoil.

By Mark Kurlansky  
Photography by Robb Kendrick

### 58 A Refuge Without Borders

Along the Connecticut River, a brand-new breed of wildlife sanctuary is aborning: call it an ecosystem.

By Bill McKibben  
Photography by José Azzi

### 70 Turtle Seas

Off Borneo, the Celebes Sea swarms with colorful turtles.

Photography by Norbert Wu

### 78 The Perils of Collecting

Glory and greed, science and high adventure: a tale of explorers along the Amazon

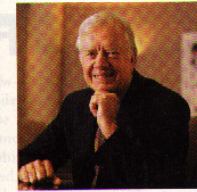
By Douglas Daly



Page 70

### 92 Catching Up With Carter

An Audubon interview with the environmentally friendly, peripatetic ex-president



Page 92

### 118 One Picture

San Francisco's Ocean Beach  
Photography by Phil Schermeister

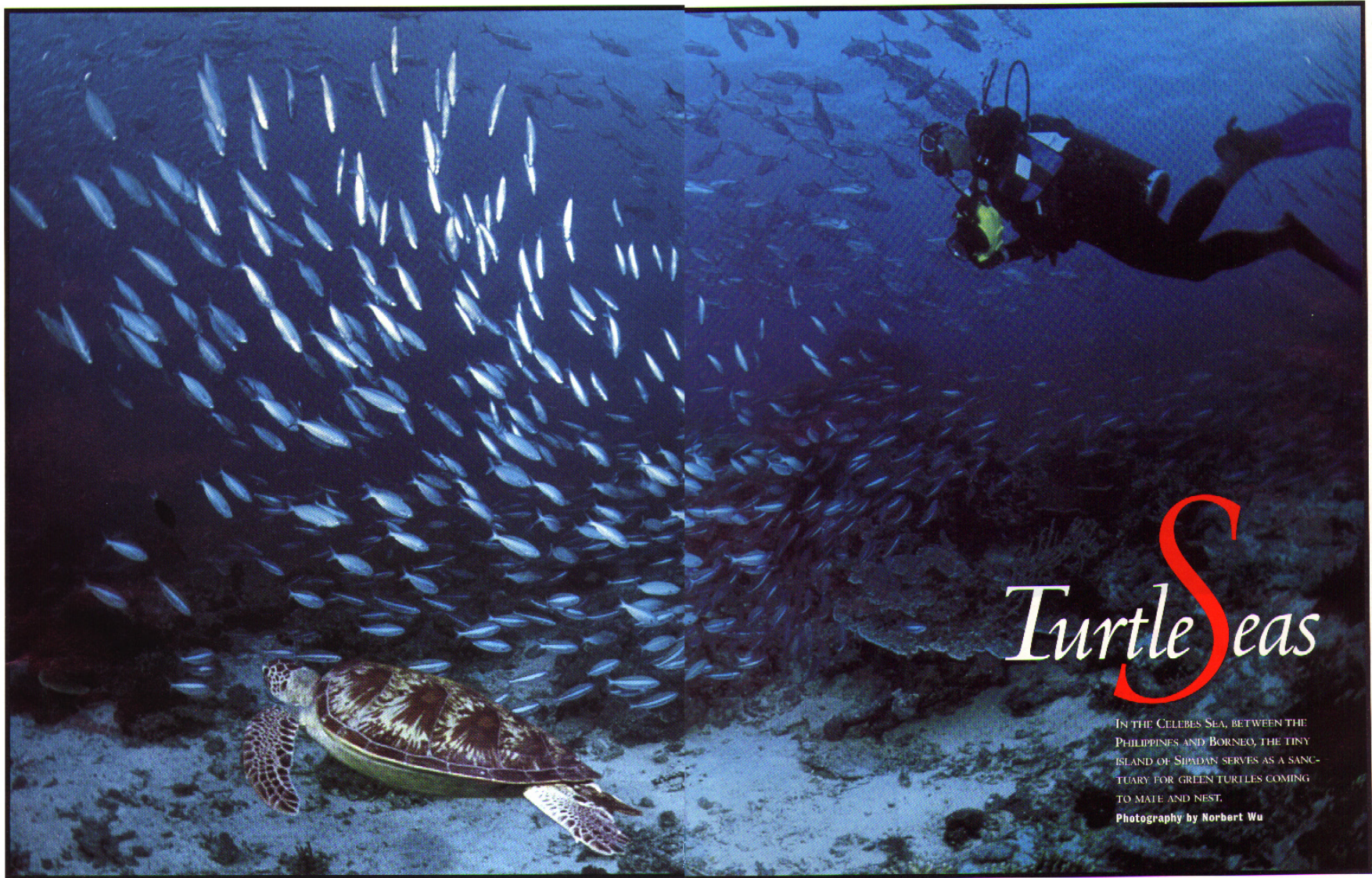
### ★ Special Insert

Your Guide to the National Audubon Society

Between pages 116 and 117

#### COLUMNS AND DEPARTMENTS

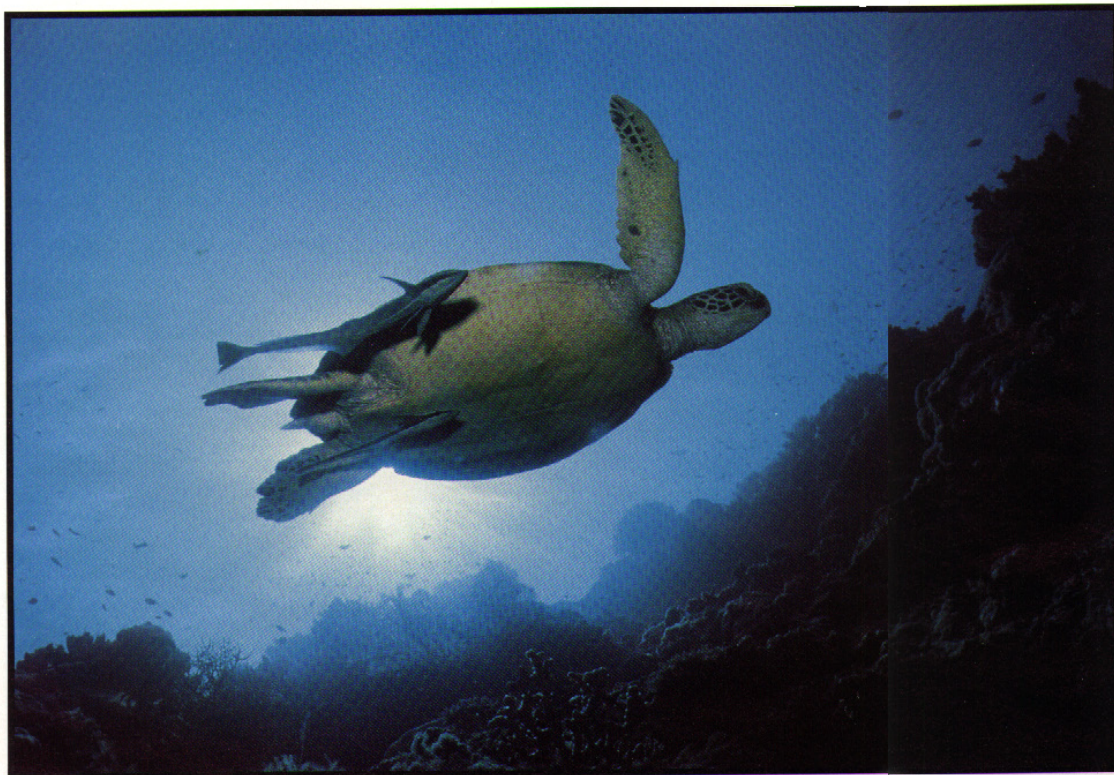
- 4 Editorial
- 6 The Audubon View
- 8 Contributors
- 10 Letters
- 14 Reports
  - Canada's rich Barrens; See It Now: The threatened Steller's sea lion; Disturbing Yellowstone's peace; Whistleblowers, unite; Updates; Q&A
- 26 Incite
  - Of mines and the river
- 34 A Sense of Place
  - The healing properties of Lanai
- By Peter Collier
- 88 True Nature
  - In timber country, the creation of a post-logging economy
- By Jessica Maxwell
- 92 About Audubon
  - Catching up with President Jimmy Carter, this year's Audubon Medal winner; Audubon Notes
- 105 Essay
  - An homage to Indiana
- By Ann Zvinger
- 112 Reviews
- 120 P.S.
  - Crimes against the earth
- By Paul Ruffins



# Turtle Seas

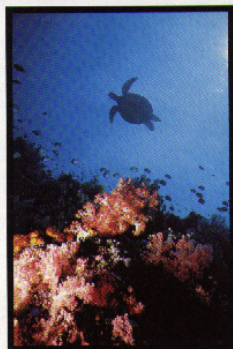
IN THE CELEBES SEA, BETWEEN THE PHILIPPINES AND BORNEO, THE TINY ISLAND OF SIPADAN SERVES AS A SANCTUARY FOR GREEN TURTLES COMING TO MATE AND NEST.

Photography by Norbert Wu

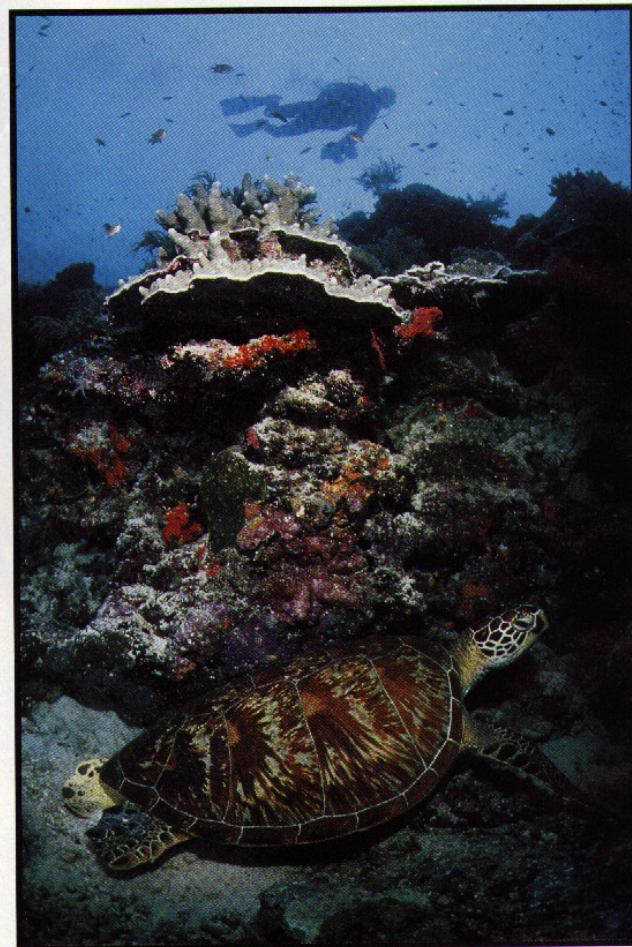


APPEARING TO FLY THROUGH THE SEAS, TURTLES ARE ACCOMPANIED BY REMORAS, FISH THAT FEED ALONG WITH THEM (LEFT).

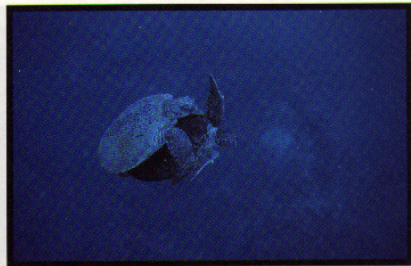
**G**reen turtles may live as long as 100 years, migrating for thousands of miles through the islands of the South Pacific and feeding among coral beds, seaweed, and grasses.



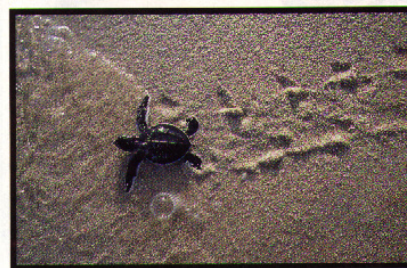
A HAVEN FOR DIVERS, SIPADAN IS A CORAL ISLAND NO BIGGER THAN A CITY PARK, FORMED ATOP A VOLCANO. THE ISLAND'S SEA TURTLES, STILL HUNTED BY THE THOUSANDS FOR THEIR FLESH AND EGGS, ARE PROTECTED BY TOUR COMPANIES.







AFTER MATING OFF-SHORE, THE FEMALES DIG INTO THE SOFT BEACH SAND AND LAY SOME 100 EGGS PER NEST. THE EGGS HATCH TWO MONTHS LATER, AND THE HATCHLINGS DIG BLINDLY UP THROUGH THE SAND (FEMALES FROM THE WARMEST PARTS OF THE NEST, MALES FROM THE COOLEST) AND SCRAMBLE TOWARD THE SEA. THEY THEN SWIM NONSTOP FOR DAYS UNTIL THEY REACH A SEA CURRENT IN WHICH TO DRIFT.



HATCHLINGS (ABOVE) MUST ESCAPE THE DANGERS OF SEABIRDS, SHARKS, AND ANEMONES.

*Their long lives don't guarantee survival for the turtles. They don't mate until they're at least 30, and they may be hooked, speared, or netted by fishermen long before they ever get to nest.*