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NATIONAL
GEOGRAPHIC
SOCIETY

NATIONAL GEOGRAPHIC SOCIETY

"For the increase and diffusion of geographic knowledge."

THE NATIONAL GEOGRAPHIC SOCIETY is chartered in Washington, D. C., as a nonprofit scientific and educational organization. Since 1890 the Society has supported more than 5,500 explorations and research projects, adding to knowledge of earth, sea, and sky.

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INDEX OF PUBLICATIONS 1995

ON THESE PAGES YOU will find a guide to articles in NATIONAL GEOGRAPHIC, TRAVELER, and WORLD, as well as to National Geographic Society Television Specials, videos, books, and maps.

Beyond our publications and products is something harder to pin down, yet equally vital: an array of programs through which the Society makes major contributions to science, education, and public service.

Since 1890—nearly as long as the Society has published its journal—the Committee for Research and Exploration has provided grants for groundbreaking studies. In 1995 the committee allocated nearly four million dollars for research in a broad range of areas including anthropology, archaeology, astronomy, biology, and oceanography.

Looking over the hundreds of grants awarded in 1995, I am reminded of a day nearly four decades ago when a young Englishwoman came to us with virtually no academic credentials and one outrageous idea: to live with chimpanzees in Tanzania to learn something of their lives and behavior. The committee took a chance on her, and Jane Goodall's subsequent work became, in the words of biologist Stephen Jay Gould, "one of the Western world's great scientific achievements." In April 1995 Jane (pictured today, top, and at the beginning of her work, bottom) was awarded the Society's highest honor, the Hubbard Medal, by Vice President Al Gore.

Just four years ago many experts doubted that the Maya Mountains of Belize contained much of importance regarding Maya civilization. But when archaeologist Peter Dunham approached the committee, it thought otherwise—and Dunham has since uncovered 15 amazingly rich ancient sites. "National Geographic is unique in looking broadly at the face of the earth," says Dunham, "not just prehistory but biology, geology, and living history."

Where will the Jane Goodalls and Peter Dunhams of tomorrow come from? The next generation of scientists and researchers is in today's classrooms—and so are Society programs aimed at helping every youngster find both information and inspiration in geography.

In every state, as well as the District of Columbia, Puerto Rico, and Canada, geographic alliances are helping teachers make geography come alive. Underwritten by Society matching funds, the alliances last year trained thousands of teachers through workshops, field trips, and state-of-the-art resource materials.

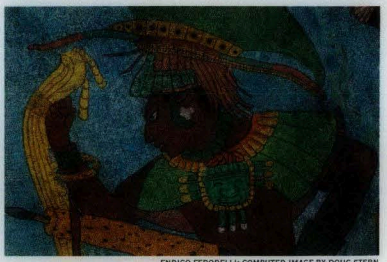


MICHAEL NICHOLS (TOP); HUGO VAN LAWICK

Once again some six million students nationwide participated in the National Geography Bee, sponsored by WORLD and Chrysler Corporation.

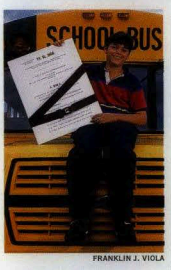
Casting an even wider net, the National Geographic Kids Network linked nearly 300,000 students in 28 countries. Communicating through classroom computers, the kids share information about their lives and dreams. They





ENRICO FERORELLI; COMPUTER IMAGE BY DOUG STERN

also perform globe-spanning science experiments: Youngsters in Kansas, Peru, and Russia compared the acidity of their rainwater. This innovative classroom geography education program for fourth through sixth graders was made possible by many gifts, large and small.



FRANKLIN J. VIOLA

As it has since 1888, NATIONAL GEOGRAPHIC magazine continues to bring the world to its members—now numbering more than nine million. A 1995 article that captured the magazine's long fascination with science, history, and art appeared in February: the computer-aided reconstruction of centuries-old Maya murals at Bonampak, Mexico. Working from photographs of the cleaned murals (top left), artists and experts combined infrared images, line art, and a computer program to re-create the murals' original appearance (top right).

The family of NATIONAL GEOGRAPHIC members grew in a remarkable new direction in 1995 with the launching of our first-ever foreign-language edition, in Japan. Its reception has been phenomenal. Original projections were for 88,000 members the first year; the actual number topped 160,000.

TRAVELER and WORLD also celebrated landmark years: WORLD published its 20th anniversary edition, and for the fourth consecutive year TRAVELER won the *Folio:* Editorial Excellence Award for best travel magazine. And in September WORLD hosted the first Kids' Hall of Fame Awards, cosponsored with Pizza Hut. Six young people were honored at our Washington, D.C., headquarters. Among them was Aaron Gordon (left), a 13-year-old from Miami, Florida, who for five years has championed the installation of seat belts in school buses.

Television is playing a larger role in the Society's mission. In 1995, for the first time, National Geographic Television programs appeared on public, commercial, and cable TV. At the Emmy Awards ceremony in 1995, Society programs took 11 Emmys, the most of any documentary producer.

The art of radio documentary is enjoying a renaissance thanks in part to our series "Radio Expeditions," coproduced with National Public Radio and underwritten by the Teresa and H. John Heinz III Fund of the Heinz Family Foundation of Pittsburgh.

From the time we pioneered the use of color film for our magazine, the Society has been on the cutting edge of new information technology. That tradition continues as we prepare to launch a National Geographic home page on the Internet. Work on the page progressed throughout 1995, with an early 1996 on-line target date.

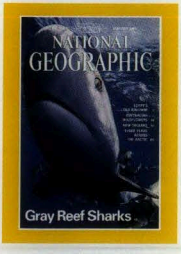
The Society's tradition of personalized service continues as well. Our 55,000-title library at headquarters served staff, Society members, and libraries worldwide in 1995, while our Research Correspondence Division answered some 45,000 inquiries from the public.

As you use this Index, I hope you'll recall some of the Society's highlights of the past year. But also know it reflects continued commitment to our mission—the increase and diffusion of geographic knowledge.

Gilbert M. Grosvenor

PRESIDENT AND CHAIRMAN OF THE BOARD

NATIONAL GEOGRAPHIC



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45-67 **Gray Reef Sharks.** Text and photos by Bill Curtsinger

68-89 **Western Australian Wildflowers.** Text and photos by Cary Wolinsky

90-119 **New Orleans.** By Priit Vesilind. Photos by Bob Sacha

120-138 **Three Years Across the Arctic.** Article and photos by Ramón Hernando de Larramendi

Double Map Supplement: Egypt's Nile Valley

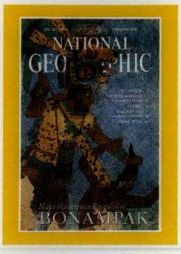
Report from the President: In Perfect Step, The Guard Changes

Geographica: Dwarf mammoth; Dimpled baseball bats; Siberian mummy; Canada commemorates immigrants; New Asian mammal

On Television: "30 Years of National Geographic Specials"

Earth Almanac: Lions perish from virus; Salmon poacher caught; Outback caterpillars; Box turtle exports

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100-115 **New Hope for China's Giant Pandas.** By Pan Wenshi

119-140 **Grand Teton.** By Bryan Hodgson. Photos by José Azel

Double Map Supplement: Italy

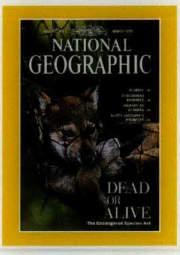
Geographica: Iwo Jima photo; Romantic attitudes; Amphibian evolution; White buffalo birth; Slave-ship relics

On Television: "Blues Highway"

Earth Almanac: Sea lions face drastic controls; Light-up sneakers; Coquí frogs; Fennecs; Aplomado falcons

On Assignment: Erla Zwingle; Enrico Ferorelli

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42-67 **Bombay: India's Capital of Hope.** By John McCarry. Photos by Steve McCurry

68-89 **Chile's Chinchorro Mummies.** By Bernardo Arriaza. Photos by Enrico Ferorelli

90-113 **Journey to Aldabra.** Text and photos by David Doubilet

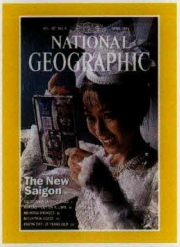
114-138 **North Carolina's Piedmont: On a Fast Break.** By Cathy Newman. Photos by Pete Souza

Geographica: Lincoln Highway; Hairless dogs; Thatch roofs; Oregon tide pool; Did pigs help ancient people settle down?; Burke-Wills Australian trek; Roses bloom in Canadian mine

On Television: "Great White Shark" and "Deadly Encounters"

Earth Almanac: Binky the bear; Pollution watchdog; Aquaflyte golf balls; Mass grave of the great auk; Ant queens

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36-59 **Koalas.** By Oliver Payne. Photos by Miguel Luis Fairbanks

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88-101 **Brindisi Bronzes.** Text and photos by O. Louis Mazzatenta

102-121 **Mountain Goats.** By Douglas H. Chadwick. Photos by Sumio Harada

123-138 **Earth Day: 25 Years.** By Frank Graham, Jr. Photos by Randy Olson

Double Map Supplement: Earthquakes

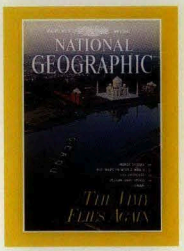
The President's Report on the Education Foundation: Teacher Grant Program

Geographica: Cinema centenary; Coots; Crane stamps; Drought; *Anomalocaris;* Micro-entrepreneurs; Beetles eat vaults; Marsupial origin

On Television: "Secrets of the Wild Panda" and "The Greatest Flight"

Earth Almanac: Russian oil spill; Marbled murrelets; Navy dolphins; Canaan Valley refuge; Sea pearls

On Assignment: Rick Gore; Karen Kasmauski



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55-71 **Blueprints for Victory.** By John F. Shupe. Introduction by George M. Elsey

72-97 **The Cherokee.** By Geoffrey Norman. Photos by Maggie Steber

98-111 **Poison-Dart Frogs: Lurid and Lethal.** Text and photos by Mark W. Moffett

112-138 **Oman.** By Peter Ross Range. Photos by James L. Stanfield

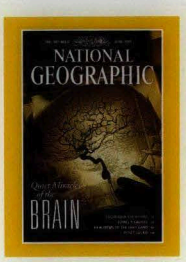
Geographica: Maya jade trove recovered; Carvings preserve Polish synagogues; Mammoth Cave mapmaker; Fog sculpture honors scientist; Dominant baboons' reproductive woes; *Vasa* shipwreck victims

On Television: "The Great Indian Railway"

Earth Almanac: Rhino deaths; Cleaner powerboat engines; Western fence lizards; Namibia's seal deaths; Wetland at risk

On Assignment: James L. Stanfield; Mark W. Moffett

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62-87 **Israel's Galilee: Living in the Shadow of Peace.** By Don Belt. Photos by Annie Griffiths Belt

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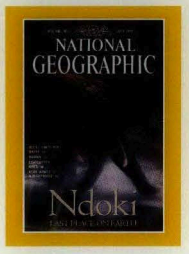
106-130 **Living a Dream on the Islands of Puget Sound.** By Bernard Ohanian. Photos by Richard Olsenius

Geographica: National Cathedral repair; Bird brains; Secret message; Student-built plane; Oldest crayfish; Palau independence; Fish antifreeze

On Television: "Fire and Thunder" and "A Savage Kind of Love"

Earth Almanac: Ancient lead pollution; Spoonbills; Infected pet orangutans; Port Orford cedars; Bobcats

On Assignment: Annie Griffiths Belt; Don Belt



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98-111 **Leafcutter Ants.** Text and photos by Mark W. Moffett

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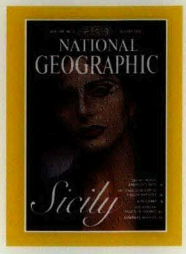
Behind the Scenes: *The Bridges of Madison County;* NGM Japanese edition; Readers' top ten articles

Geographica: Beirut's beginning; Robotuna; Antietam's unknowns; Teapot Dome gas station

On Television: "Height of Courage: The Norman Vaughan Story"

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On Assignment: Joel Swerdlow; Raymond Gehman



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78-101 **Hiroshima.** By Ted Gup. Photos by Jodi Cobb

102-113 **The African Roots of Voodoo.** Article and photos by Carol Beckwith and Angela Fisher

114-129 **Bowhead Whales.** Article and photos by Flip Nicklin

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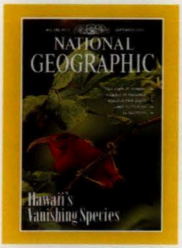
Geographica: Wartime "Mona Lisa"; Missing lizard species found; Sausage tree fights cancer; Longest place-names; Bering Glacier

Flashback: Oscar D. von Engeln

On Television: "Fire!" and *The Photographers* (video)

Earth Almanac: Ivan the "Mall Gorilla"; Galápagos troubles; Condor survival; African plants besieged; New tortoise

On Assignment: Merlin D. Tuttle



SEPTEMBER

2-37 **Hawaii's Vanishing Species.** By Elizabeth Royte. Photos by Chris Johns

38-51 **The Farthest Horizon.** By Meave Leakey. Photos by Kenneth Garrett. Art by John Gurche

52-77 **Essence of Provence.** By Bill Bryson. Photos by William Albert Allard

78-93 **Huautla Cave Quest.** By William C. Stone. Photos by the author and Wes Skiles

94-107 **Giant Cuttlefish.** Article and photos by Fred Bavendam

108-131 **El Salvador.** By Mike Edwards. Photos by Tomasz Tomaszewski

Double Map Supplement: Hawaii

Behind the Scenes: Geographic On Tour; Jane Goodall gala; Travel-mates

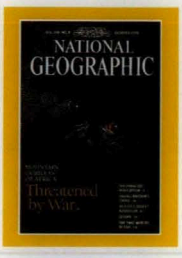
Geographica: Nomads; Desert crops; Fungi; Tongues; Tortillas

Flashback: Toasting postcards

On Television: *Really Wild Animals*

Earth Almanac: Foiling seals; Bakery emissions; Anacostia River; Darién; Guam rails

On Assignment: Tomasz Tomaszewski; Mike Edwards



OCTOBER

5-37 **Information Revolution.** By Joel L. Swerdlow. Photos by Louie Psihoyos. Art by Allen Carroll

38-57 **Saving Britain's Shore.** By Alan Mairson. Photos by Cary Wolinsky

58-83 **Mountain Gorillas.** By Paul F. Salopek. Introduction by George B. Schaller. Photos by Michael Nichols

85-97 **Mexico's Desert Aquarium.** Article and photos by George Grall

99-113 **Geisha.** Article and photos by Jodi Cobb

114-137 **Fiji.** By Roger Vaughan. Photos by James L. Stanfield

Behind the Scenes: Geography IQ; Rwandan boy; Recent honors

Geographica: Romanian cave life; Boat solos Indian Ocean; Maya bridge; Masai diet

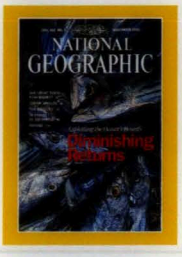
Flashback: Antarctic show

On Television: "War Code: Navajo"

Earth Almanac: Red wolves; Fish otoliths; Sphinx moths; Seychelles palms; Bird kill

On Assignment: Louie Psihoyos; John Knoebber; David Griffin; Allen Carroll; Bill Douthitt; Joel Swerdlow

Geoguide: Gorillas



NOVEMBER

2-37 **Diminishing Returns: Exploiting the Ocean's Bounty.** By Michael Parfit. Photos by Robb Kendrick

38-55 **Tokyo Fish Market.** By T. R. Reid. Photos by James L. Stanfield

56-73 **Sperm Whales.** By Hal Whitehead. Photos by Flip Nicklin

74-97 **The Basques.** By Thomas J. Abercrombie. Photos by Joanna B. Pinneo

98-113 **In Praise of Squirrels.** By Diane Ackerman. Photos by Chris Johns

114-137 **The Style and Substance of Oxford.** By Bill Bryson. Photos by Stuart Franklin

Behind the Scenes: Boab; Scissors factory; Chimpanzee photo; "Earth 2U, Exploring Geography"

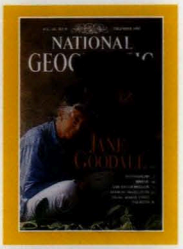
Geographica: Amish quilts; Ancient foods; Aphrodisias frieze; "Telemedicine"; Tear-drinking moth

Flashback: Squirrel dressed for the war effort

On Television: "Cyclone!"

Earth Almanac: Mountain gorilla deaths; Gypsy moth controls; Basking sharks; Insect wings; Bog refuges

On Assignment: Flip Nicklin; Diane Ackerman



DECEMBER

2-35 **Teotihuacan.** By George E. Stuart. Photos by Kenneth Garrett

36-51 **Manta!** Article and photos by David Doubilet

52-59 **New Face for a Desert Mission.** By Alice J. Hall. Photos by Ira Block

60-89 **A Farming Revolution: Sustainable Agriculture.** By Verlyn Klinkenborg. Photos by Jim Richardson

90-101 **Orion: Where Stars Are Born.** By James Reston, Jr.

102-129 **Jane Goodall.** By Peter Miller. Photos by Michael Nichols

Double Map Supplement: Orion/The Heavens

Behind the Scenes: Bryan Harvey; Words to live by; Grosvenor Council

Geographica: Waterspouts; Saving the *Hoga;* Spanish mustangs

Flashback: Mule team

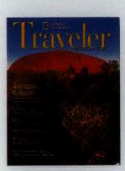
On Television: "Rhythms of Life"

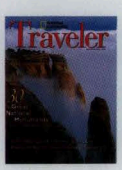
Earth Almanac: Berserk birds; Recycled disks; Desert eagles; Leopard frogs; Bat umbrellas

On Assignment: Jim Richardson; Peter Miller

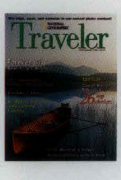
Geoguide: Organic farming

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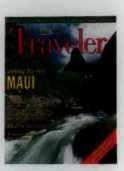












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34-40 **Travel Memories** (photography contest)

42-57 **Journey Into Dreamtime** (Australia's outback). By David Yeadon. Photos by R. Ian Lloyd

60-66 **Garden With a Global Flair** (Missouri Botanical Garden). By Robert Finch

68-87 **San Francisco.** By James Conaway. Photos by George Steinmetz

88-97 **Idaho's Sawtooth Loop.** By Annick Smith. Photos by Michael Melford

98-111 **The Two Worlds of Belize.** By Mel White. Photos by Macduff Everton

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40-53 **America's National Monuments: 30 of Nature's Best.** By Carol B. Lutyk

54-74 **Eternal Poland: Kraków and the Carpathians.** By K. M. Kostyal. Photos by Barry Lewis

76-84 **South Carolina's Freshwater Coast.** By Judi Dash. Photos by Scott Goldsmith

86-102 **Quebec City.** By Lito Tejada-Flores. Photos by Sarah Leen

106-115 **Rafting the Rio Grande.** By Jeff Rennicke. Photos by Tom Bean

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40-59 **Rhine Journey.** By Bill Bryson. Photos by Patrick Ward

60-69 **Havasu Canyon: A Desert Shangri-la.** By Jake Page. Photos by Rick Rickman

72-83 **Vast Alaska.** By Mark Miller. Photos by Bob Krist

84-95 **Richmond on the Noble James.** By James J. Kilpatrick. Photos by Michael Schwarz

96-106 **In the Heart of the Prairies: Saskatchewan.** By John Madson. Photos by Bill Luster

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70-77 **Iowa's Amana Colonies.** By Thomas H. Rawls. Photos by Randy Olson

78-93 **On Oregon's Coast.** By Richard Busch. Photos by Phil Schermeister

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56-67 **Austin.** By Jerry Camarillo Dunn, Jr. Photos by Gail Mooney

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82-91 **The White Mountains.** By Peter N. Nelson. Photos by Medford Taylor

92-107 **High on Jamaica.** By Paul Martin. Photos by Maggie Steber

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50-69 **Rome.** By Charles N. Barnard. Photos by Steve McCurry

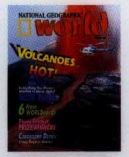
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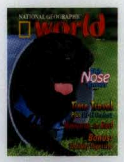
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96-107 **Coast to Coast With the *Sunset Limited.*** By Mel White. Photos by Phil Schermeister. Maps by Coco Masuda

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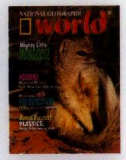


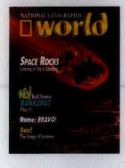




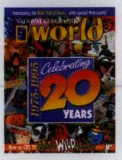


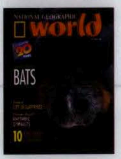




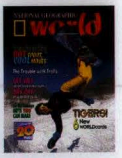












JANUARY

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DECEMBER

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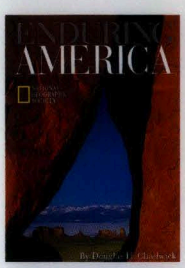
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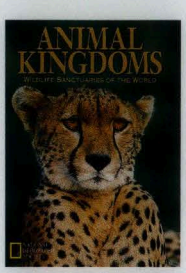
24-27 **Treasures of a Desert Park**

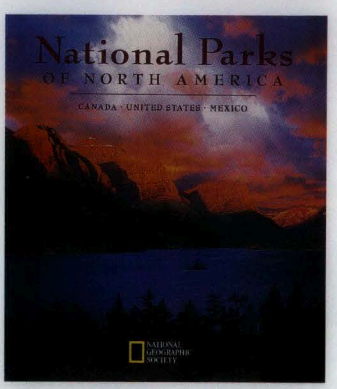
28-30 **Troll Trouble**

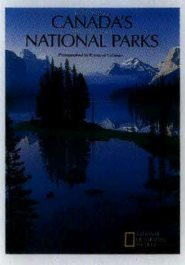
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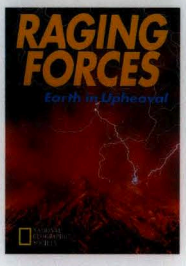
BOOKS











Enduring America

By Douglas H. Chadwick

200 pages

This book highlights natural refuges and a variety of wildlife from Arctic Canada to subtropical Florida. The animals and the land are the focus of a narrative that draws on Native American myths and legends.

Exploring Canada's Spectacular National Parks

Photos by Raymond Gehman

200 pages

The treasures of Canada's national park system include island reserves off the Pacific coast; the Rocky Mountain parks of Jasper, Banff, and Yoho; the grassland parks of Riding Mountain and Wood Buffalo; the Fathom Five underwater park; the Atlantic outposts of Gros Morne and Cape Breton Highlands; and Ivvavik in the far north.

Animal Kingdoms: Wildlife Sanctuaries of the World

200 pages

From East Africa's legendary savanna to the Norwegian tundra, the world's wildlife sanctuaries make up an irreplaceable treasury of our planet's natural heritage.

Raging Forces

200 pages

From earthquakes to volcanoes, hurricanes to tornadoes, drought to floods, this book presents the weather and geologic phenomena that affect our lives. The recent earthquakes in California and Japan are covered, along with Hurricane Andrew in Florida, flooding in Texas and the Mississippi Valley, and volcanic eruptions in the Philippines and Hawaii.

National Geographic's Guide to Scenic Highways and Byways

352 pages

A guidebook containing more than 200 U.S. scenic drives in 50 states. Provides directions and driving times, plus commentary on local history, physical features, and flora and fauna.

National Parks of North America

Introduction by William R. Gray

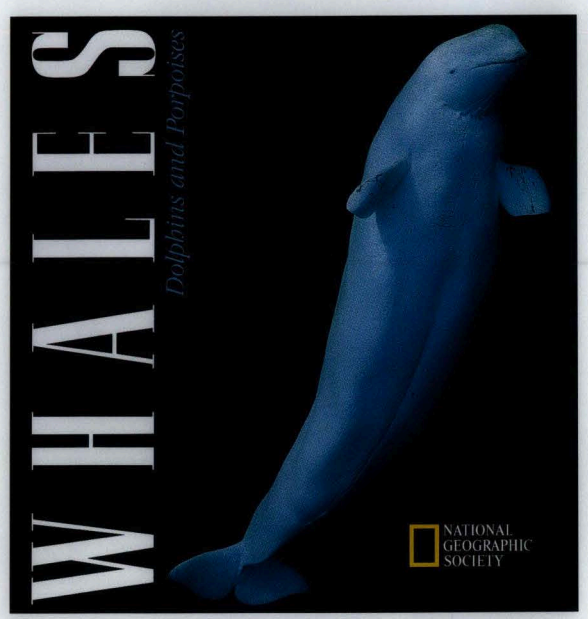
336 pages

This volume contains current information about the natural, historical, and cultural treasures of 133 national parks in Canada, the United States, and Mexico.

Exploring Your World: The Adventure of Geography, revised edition

608 pages

This revised edition answers questions about physical and human geography from A to Z. It contains 334 alphabetically arranged, cross-referenced entries.



Whales, Dolphins, and Porpoises

Foreword by
Gilbert M. Grosvenor

232 pages

Growing global appreciation of these incredible creatures has inspired worldwide conservation. This book features the latest research findings about cetaceans—from deep-diving toothed and baleen whales to dolphins and porpoises. The relationship between humans and whales is traced from native whaling cultures through the era of the great whaling ships and into the current age of conservation and research. We now know that these marine mammals live in sophisticated social groups; cooperate in raising their young; sing, play, and travel together. Includes observations from photographers and biologists.

National Geographic Atlas of the World, revised edition

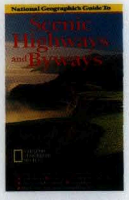
412 pages

The 1995 revised sixth edition reflects recent political changes. Urban, regional, and ocean-floor maps are included as well as satellite images and a 150,000-place-name index. Highlights: an illustration of the solar system, star charts, and country profiles with flags and key facts.

Wild Animals of North America, revised edition

336 pages

This reference work encompasses every major group of animals in North America and examines more than 200 species in detail—from tiny bats to great whales. It explores their habits and habitats, noting distinctions between close relatives. The revision updates field studies and research findings.



PUBLIC SERVICE BOOK

The White House: An Historic Guide, revised edition. Published in cooperation with the White House Historical Association

Foreword by
Robert L. Breeden

160 pages

Mrs. John F. Kennedy planned the first edition of this guide in 1962 to help visitors, as she remarked, "sort out the impressions received on an often crowded visit." This revision contains photographs of the newly refurbished Blue Room.

TELEVISION



TIM DAVIS, PHOTO RESEARCHERS



JAMES L. STANFIELD



SHEILA BEOUGHER, GAMMA LIAISON

SPECIALS

30 Years of National Geographic Specials

National Geographic Specials have captured moments that became memories. Producers Gail Willumsen and Barry Nye pared down 120 hours of film for the 114th prime-time program, which celebrates the highlights in humankind's quest for new knowledge of "the world and all that is in it."

January 25, 1995

Great White Shark

Filmmakers Paul and Grace Atkins use the "crittercam," a remote camera attached to sharks, to record natural behavior.

March 1, 1995

Secrets of the Wild Panda

Perhaps 1,200 giant pandas remain in all of China, where they are threatened by logging, poaching, and genetic isolation. Two scientists, Pan Wenshi and Lü Zhi, race against the clock to learn more about these elusive animals.

March 29, 1995



CADE MARTIN

The New Chimpanzees

Scientists carrying on the work of Jane Goodall in Africa have made new discoveries based on observations of wild chimps, including the fact that they have distinct cultures that vary from place to place.

September 6, 1995

Cyclone!

These swirling gyres include hurricanes, typhoons, and deadly tornadoes that blow as hard as 280 miles an hour.

November 29, 1995

NATIONAL GEOGRAPHIC ON PBS

The Great Indian Railway

One of the world's largest systems, each day India's trains carry 12 million passengers and one million tons of freight over 40,000 miles of track.

May 17, 1995



CHUCK DAVIS, TONY STONE IMAGES

VIDEOS FOR CHILDREN

GeoKids

"Camouflage, Cuttlefish, and Chameleons Changing Color"; "Chomping on Bugs, Swimming Sea Slugs, and Stuff That Makes Animals Special"; "Tadpoles, Dragonflies, and the Caterpillar's Big Change."

Really Wild Animals

"Dinosaurs and Other Creature Features"; "Hot Dogs and Cool Cats"; "Monkey Business and Other Family Fun."

HOME VIDEO CLUB

The Greatest Flight

Peter McMillan and Lang Kidby re-create a 1919 flight from England to Australia aboard a replica of a World War I-era Vickers Vimy biplane bomber.

Hunt for the Great White Shark

Rodney Fox, survivor of a shark attack and now an advocate for the great whites' preservation, brings together photographers and scientists to study shark behavior.

Jewels of the Caribbean Sea

Underwater filmmakers Howard and Michele Hall find a trove of marine life in reefs, sandbanks, and prairies of sea grass.

Keepers of the Wild

Eight stories of dedication to the conservation and welfare of animals, produced by award-winning filmmaker Allison Argo.

Nature's Fury!

Scientists and victims experience the colossal power of earthquakes, hurricanes, tornadoes, and floods.

Secrets of the Wild Panda

See Specials listing.

30 Years of National Geographic Specials

See Specials listing.

Yellowstone: Realm of the Coyote

A young coyote cast out by his pack learns to survive in the wilderness.

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ANACOSTIA RIVER, Maryland-Washington, D.C.:
- NG Anacostia River. Earth Almanac, Sep

ANDERSON, CAROLYN H.: *Author*
- BK Earth's Crust: Processes That Shape the Surface (Atlas of the World)

ANDERSON, CRAIG:
- NG Travel-mates. Behind the Scenes, Sep

ANIMAL DISEASES:
- NG Berserk birds. Earth Almanac, Dec
- NG Infected pet orangutans. Earth Almanac, Jun
- NG Lions perish from virus. Earth Almanac, Jan

ANOMALOCARIS:
- NG *Anomalocaris.* Geographica, Apr

ANTARCTICA:
- BK Atlas of the World
- NG Antarctic show. Flashback, Oct
- NG Fish antifreeze. Geographica, Jun

ANTHROPOLOGY:
- NG The Farthest Horizon. 38-51, Sep
  See also Archaeology; Ethnology

ANTIETAM, Battle of:
- NG Antietam's unknowns. Geographica, Jul

ANTIFREEZE:
- NG Fish antifreeze. Geographica, Jun

ANTS:
- NG Leafcutter Ants. 98-111, Jul
- NG Ant queens. Earth Almanac, Mar

APHRODISIAS (ruins), Turkey:
- NG Aphrodisias frieze. Geographica, Nov

APLOMADO FALCONS:
- NG Aplomado falcons. Earth Almanac, Feb

AQUACULTURE:
NG Foiling seals. Earth Almanac, Sep

AQUIFERS:
NG Desert Aquarium. 85-97, Oct

ARCHAEOLOGY:
NG Egypt's Old Kingdom. 2-43, Jan
🌐 Egypt's Nile Valley. Jan
See also Aphrodisias; Beirut; Chinchorro Culture; Easter Island; Maya; Teotihuacan

ARCHITECTURE:
WD Eco-Living. 22-24, 33-35, Apr

ARCTIC REGIONS:
NG Three Years Across the Arctic. 120-138, Jan
WD Arctic animals. WORLDcards, Jun
NG Nomads. Geographica, Sep

ARDEN, HARVEY:
NG Boab. Behind the Scenes, Nov

ARGO, ALLISON:
VI Keepers of the Wild

ARICA, Chile:
NG Chile's Chinchorro Mummies. 68-89, Mar

ARIZONA:
NG Desert Mission. 52-59, Dec
TR Havasu Canyon: A Desert Shangri-la. 60-69, May/Jun
WD Desert Park. 24-27, Dec

ARKANSAS. *See* Greers Ferry

ARRIAZA, BERNARDO: *Author*
NG Chile's Chinchorro Mummies. 68-89, Mar

ART:
NG NGS Image Collection. Behind the Scenes, Aug
NG Wartime "Mona Lisa." Geographica, Aug
See also Bonampak; Brindisi; Chemainus; Mission San Xavier del Bac

ASIA:
🌐 WD Asia map. Pullout, Nov
BK Animal Kingdoms
BK Atlas of the World
See also China; India; Japan; Russia; Taiwan; *and* Middle East; Southeast Asia

ASTEROIDS:
WD Identified Flying Objects! 2-6, Jul

ASTRONOMY:
NG Orion. 90-101, Dec
🌐 Orion/The Heavens. Dec
BK Atlas of the World

ASTROPHYSICS:
NG Orion. 90-101, Dec

ATACAMA DESERT, Chile:
NG Chile's Chinchorro Mummies. 68-89, Mar

ATKINS, GRACE:
TV Great White Shark

ATKINS, PAUL:
TV Great White Shark

ATLASES:
BK Atlas of the World

ATOMIC BOMBS:
NG Hiroshima. 78-101, Aug

AUKS. *See* Great Auks

AUSTIN, Texas:
TR Austin. 56-67, Sep/Oct

AUSTRALIA:
NG Giant Cuttlefish. 94-107, Sep
NG Koalas. 36-59, Apr
NG Western Australian Wildflowers. 68-89, Jan
TR Journey Into Dreamtime. 42-57, Jan/Feb
WD Wallabies. 15-22, Mar
BK Animal Kingdoms
BK Atlas of the World
NG Burke-Wills Australian trek. Geographica, Mar

AUSTRALOPITHECINES:
NG The Farthest Horizon. 38-51, Sep

AUTOMOBILES:
WD Junior Drag Racing. 36-39, May
WD Eco-Living. 22-24, 33-35, Apr
NG Pollution watchdog. Earth Almanac, Mar

AYERS ROCK, Northern Territory, Australia:
TR Journey Into Dreamtime. 42-57, Jan/Feb

AZEL, JOSÉ: *Photographer*
NG Grand Teton. 119-140, Feb

— B —

BABOONS:
NG Dominant baboons' reproductive woes. Geographica, May

BAFFIN ISLAND, Canada:
NG Bowhead Whales. 114-129, Aug

BAKERIES:
NG Bakery emissions. Earth Almanac, Sep

BALD EAGLES:
NG Desert eagles. Earth Almanac, Dec

BALLOONS. *See* Hot-air Balloons

BANFF NATIONAL PARK, Alberta, Canada:
NG Banff. 46-69, Jul
NG Mountain Goats. 102-121, Apr
BK Exploring Canada's Spectacular National Parks

BANGKOK, Thailand:
WD Treasures in Thailand. 2-6, Oct

BANKSHOT (sport):
WD It's a Whole New Ball Game. 10-12, Jul

BANKSON, ROSS: *Author*
WD Sizzlin' on Skates. 3-5, Jan

BARNARD, CHARLES N.: *Author*
TR Rome. 50-69, Nov/Dec
TR Portugal Inn to Inn. 68-81, Sep/Oct

BARNARD, SUE:
VI Keepers of the Wild

BASEBALL:
NG Dimpled baseball bats. Geographica, Jan

BASKETBALL:
WD Traveling Basketball Team. 34-35, Mar

BASKING SHARKS:
NG Basking sharks. Earth Almanac, Nov

BASQUES:
NG The Basques. 74-97, Nov

BASS. *See* Striped Bass

BAT CONSERVATION INTERNATIONAL:
NG North American Bats. 36-57, Aug

BATS:
NG North American Bats. 36-57, Aug
WD Hanging Out With Bats. 7-11, Oct
BK Wild Animals of North America
NG Bat umbrellas. Earth Almanac, Dec

BAVENDAM, FRED: *Author-Photographer*
NG Giant Cuttlefish. 94-107, Sep

BEAGLES:
WD Please Pay the Pup. 11-12, Dec

BEAN, TOM: *Photographer*
TR Rafting the Rio Grande. 106-115, Mar/Apr

BEARS:
BK Wild Animals of North America
See also Grizzly Bears; Polar Bears

BEAUCHAMP, DANIELLE: *Author*
BK Europe (Atlas of the World)

BECKWITH, CAROL: *Author-Photographer*
NG The African Roots of Voodoo. 102-113, Aug

BEETLES:
NG Beetles eat vaults. Geographica, Apr

BEIRUT, Lebanon:
NG Beirut's beginning. Geographica, Jul

BELIZE:
TR Belize. 98-111, Jan/Feb
NG Maya jade. Geographica, May

BELT, ANNIE GRIFFITHS:
NG On Assignment, Jun *Photographer*
NG Israel's Galilee. 62-87, Jun

BELT, DON:
NG On Assignment, Jun
Author
NG Israel's Galilee. 62-87, Jun

BERIBERI:
NG Burke-Wills Australian trek. Geographica, Mar

BERING GLACIER, Alaska:
NG Bering Glacier. Geographica, Aug

BEZAURY, MERCEDES:
WD Adventures in Mexico. 32-35, Nov

BIG BEND NATIONAL PARK, Texas:
TR Rafting the Rio Grande. 106-115, Mar/Apr

BIKINI ATOLL, Marshall Islands:
NG Gray Reef Sharks. 45-67, Jan

BILU, AHARON:
NG Carvings preserve Polish synagogues. Geographica, May

BIPLANES. *See* Vimy

BIRDS:
NG Bird kill. Earth Almanac, Oct
NG Bird brains. Geographica, Jun
See also Condors; Coots; Cranes; Crows; Eagles; Falcons; Great Auks; Quetzals; Rails; Spoonbills

BISHOP, STEPHEN L.:
NG Mammoth Cave mapmaker. Geographica, May

BISOKI, Rwanda:
NG Rwandan boy. Behind the Scenes, Oct

BISON. *See* Buffalo

BLACK AMERICANS. *See* African Americans

BLACK-BACKED JACKALS:
WD Black-Backed Jackals. 27-30, Jan

BLACK-BROWED ALBATROSSES:
WD Albatross. 10, Nov

BLACK-CAPPED CHICKADEES:
NG Bird brains. Geographica, Jun

BLACK HOLES:
WD Time Travel. 30-33, Mar

BLACK-NECKED CRANES:
NG Crane stamps. Geographica, Apr

BLACKFEET INDIANS:
NG Spanish mustangs. Geographica, Dec

BLOCK, IRA: *Photographer*
NG Desert Mission. 52-59, Dec

BLOXAM, QUENTON:
VI Keepers of the Wild

BLUE CREEK (site), Belize:
NG Maya jade. Geographica, May

BLUE JEANS:
WD The Jeans Scene. 2-5, Feb

BLUES (music):
NG Blues Highway. On Television, Feb

BOAB TREES:
NG Boab. Behind the Scenes, Nov

BOBCATS:
NG Bobcats. Earth Almanac, Jun

BOESCH, CHRISTOPHE:
TV The New Chimpanzees

BOESCH-ACHERMANN, HEDWIGE:
TV The New Chimpanzees

BOGS:
NG Bog refuges. Earth Almanac, Nov

BOLIVIA:
NG Wetland at risk. Earth Almanac, May

BOMBAY, India:
NG Bombay. 42-67, Mar

BONAMPAK, Chiapas, Mexico:
NG Bonampak. 50-69, Feb

BONAR, SAMANTHA: *Author*
WD Quetzal. 27-29, Jun

BONOBOS:
TV The New Chimpanzees

BOOZ, PATRICK: *Author*
BK Asia (Animal Kingdoms)

BOTANICAL GARDENS:
TR Garden With a Global Flair. 60-66, Jan/Feb

BOTSWANA:
TR Safari to Botswana. 78-95, Nov/Dec

BOTTING, DOUGLAS: *Author*
BK Europe (Animal Kingdoms)

BOTTLENOSE DOLPHINS:
NG Navy dolphins. Earth Almanac, Apr

BOWHEAD WHALES:
NG Bowhead Whales. 114-129, Aug

BOX TURTLES:
NG Box turtle exports. Earth Almanac, Jan

BRAIN:
NG Quiet Miracles of the Brain. 2-41, Jun
NG Bird brains. Geographica, Jun

BRAZIL:
NG The Amazon. 2-39, Feb
NG Wetland at risk. Earth Almanac, May

BREEDEN, ROBERT L.: *Author*
BK Foreword (The White House: An Historic Guide)

THE BRIDGES OF MADISON COUNTY (film):
NG Reel to Real. 58-77, Aug
NG *The Bridges of Madison County.* Behind the Scenes, Jul

BRIMBERG, SISSE: *Photographer*
NG The Fragile Recovery of California Sea Otters. 42-61, Jun
TR A White House Christmas. 70-74, Nov/Dec

BRINDISI, Italy:
NG Brindisi Bronzes. 88-101, Apr

BRITISH COLUMBIA, Canada:
WD Town of Magical Murals. 6-10, Aug
BK Exploring Canada's Spectacular National Parks

BROMELIADS:
WD Treetop Traffic. 34-35, Jan

BRONZES. *See* Brindisi

BROWER, KENNETH: *Author*
TR Autumn in Yellowstone. 38-55, Sep/Oct
BK North America (Animal Kingdoms)

BROWN TREE SNAKES:
NG Guam rails. Earth Almanac, Sep

BROWNELL, M. BARBARA: *Author*
WD Easter Island. 6-10, Jan

BRYSON, BILL: *Author*
NG Oxford. 114-137, Nov
NG Essence of Provence. 52-77, Sep
TR Oslo. 56-69, Jul/Aug
TR Rhine Journey. 40-59, May/Jun

BUCK ISLAND REEF NATIONAL MONUMENT, U. S. Virgin Islands:
TR America's National Monuments. 40-53, Mar/Apr

BUFFALO:
NG Fire and Thunder. On Television, Jun
NG White buffalo birth. Geographica, Feb

BURKE, ROBERT O'HARA:
NG Burke-Wills Australian trek. Geographica, Mar

BURMA:
NG Burma. 70-97, Jul

BUSCH, RICHARD: *Author*
TR On Oregon's Coast. 78-93, Jul/Aug

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CALIFORNIA:
NG Living With California's Faults. 2-35, Apr
TR San Francisco. 68-87, Jan/Feb
WD Snowboard Team. 7-10, Dec
NG Port Orford cedars. Earth Almanac, Jun
NG Drought. Geographica, Apr
See also Monterey Bay

CALIFORNIA CONDORS:
NG Condor survival. Earth Almanac, Aug

CALIFORNIA SEA LIONS:
NG Sea lions face drastic controls. Earth Almanac, Feb

CALIFORNIA SEA OTTERS:
NG The Fragile Recovery of California Sea Otters. 42-61, Jun

CALOYIANIS, NICK: *Photographer*
NG Nurse Sharks. 44-53, May

CAMBRIAN PERIOD:
NG *Anomalocaris*. Geographica, Apr

CAMOUFLAGE:
NG Giant Cuttlefish. 94-107, Sep

CAMPBELL, HOWARD W.: *Author*
BK Manatee (Wild Animals of North America)

CANAAN VALLEY NATIONAL WILDLIFE REFUGE, West Virginia:
NG Canaan Valley refuge. Earth Almanac, Apr

CANAANITES:
NG Beirut's beginning. Geographica, Jul

CANADA:
BK Exploring Canada's Spectacular National Parks
BK National Parks of North America
NG Canada commemorates immigrants. Geographica, Jan
See also Alberta; British Columbia; Manitoba; Quebec; Saskatchewan

CANBY, THOMAS Y.: *Author*
BK Severe Storms (Raging Forces)

CANCER RESEARCH:
NG Sausage tree fights cancer. Geographica, Aug

CANINE DISTEMPER:
NG Lions perish from virus. Earth Almanac, Jan

CAPE FUR SEALS:
NG Namibia's seal deaths. Earth Almanac, May

CAPE PROVINCE, South Africa:
NG African plants besieged. Earth Almanac, Aug

CAPTIVE-BREEDING PROJECTS.
See California Condors; Guam Rails; Red Wolves

CARIBBEAN SEA:
VI Jewels of the Caribbean Sea
See also Jamaica

CARPATHIAN MOUNTAINS, Europe:
TR Eternal Poland. 54-74, Mar/Apr

CARRIER, JEFFREY C.: *Author*
NG Nurse Sharks. 44-53, May

CARROLL, ALLEN:
NG On Assignment, Oct
Artist
NG Information Revolution. 5-37, Oct

CASTLES:
TR Rhine Journey. 40-59, May/Jun

CASTOR, JACK:
VI Keepers of the Wild

CATERPILLARS:
NG Outback caterpillars. Earth Almanac, Jan

CATHEDRALS:
NG National Cathedral repair. Geographica, Jun

CATS, Wild:
BK Wild Animals of North America
See also Bobcats; Lions; Servals; Tigers

CAVES:
NG Romanian cave life. Geographica, Oct
NG Huautla Cave Quest. 78-93, Sep
NG Mammoth Cave mapmaker. Geographica, May

CEDAR BREAKS NATIONAL MONUMENT, Utah:
TR America's National Monuments. 40-53, Mar/Apr

CEDARS:
NG Port Orford cedars. Earth Almanac, Jun

CENTRAL AMERICA:
NG Poison-Dart Frogs. 98-111, May
See also Belize; El Salvador; Guatemala; Panama

CEPHALOPODS:
NG Giant Cuttlefish. 94-107, Sep

CHADWICK, DOUGLAS H.:
NG On Assignment, Mar
Author
NG Ndoki. 2-45, Jul
NG Mountain Goats. 102-121, Apr
NG Dead or Alive: The Endangered Species Act. 2-41, Mar
TR Safari to Botswana. 78-95, Nov/Dec
BK Enduring America

CHANNEL ISLANDS, California:
NG Dwarf mammoth. Geographica, Jan

CHAPMAN, JOSEPH A.: *Author*
BK Rabbits, Hares & Pikas (Wild Animals of North America)

CHEMAINUS, British Columbia, Canada:
WD Town of Magical Murals. 6-10, Aug

CHEROKEE, North Carolina:
NG The Cherokee. 72-97, May

CHEROKEE NATION:
NG The Cherokee. 72-97, May

CHIAPAS, Mexico:
NG Bonampak. 50-69, Feb
NG Maya bridge. Geographica, Oct

CHICKADEES:
NG Bird brains. Geographica, Jun

CHIHUAHUAN DESERT, Mexico-U. S.:
NG Desert Aquarium. 85-97, Oct

CHILE:
NG Chile's Chinchorro Mummies. 68-89, Mar

CHIMPANZEES:
NG Jane Goodall. 102-129, Dec
TV The New Chimpanzees

CHINA, People's Republic of:
NG New Hope for China's Giant Pandas. 100-115, Feb
TV Secrets of the Wild Panda
VI Secrets of the Wild Panda

CHINCHORRO CULTURE:
NG Chile's Chinchorro Mummies. 68-89, Mar

CHOBE NATIONAL PARK, Botswana:
TR Safari to Botswana. 78-95, Nov/Dec

CHRISTMAS:
TR A White House Christmas. 70-74, Nov/Dec

CIFELLI, RICHARD:
NG Marsupial origin. Geographica, Apr

CIVIL WAR, U. S.:
NG Antietam's unknowns. Geographica, Jul

CLEAN AIR ACT:
NG Bakery emissions. Earth Almanac, Sep

CLEVE, RICHARD:
Computer Imaging
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun

CLIFFORD, TOM: *Author*
WD Dive Into Nauticus. 2-6, Dec

CLIMATE:
VI Nature's Fury!
BK Raging Forces
NG Drought. Geographica, Apr
See also Weather

CLIMBING:
WD Learning the Ropes. 22-24, Aug

CLOTHING INDUSTRY:
WD Eco-Living. 22-24, 33-35, Apr
WD The Jeans Scene. 2-5, Feb

COAHUILA, Mexico:
NG Desert Aquarium. 85-97, Oct

COBB, CHARLES E., JR.:
NG Words to live by. Behind the Scenes, Dec
Author
BK Africa (Atlas of the World)

COBB, JODI:
Author-Photographer
NG Geisha. 99-113, Oct
Photographer
NG Hiroshima. 78-101, Aug

COCONUTS:
NG Seychelles palms. Earth Almanac, Oct

COLIMA CULTURE:
NG Hairless dogs. Geographica, Mar

COLORADO:
TR Roundup of Ranch Vacations. 46-53, Jul/Aug

COMETS:
WD Identified Flying Objects! 2-6, Jul

COMMAND DOG COLLEGE, Okotoks, Alberta, Canada:
WD Leak-Sniffing Dogs. 7-10, Mar

COMMUNICATION, Animal:
NG Sperm Whales. 56-73, Nov
TV The New Chimpanzees
BK Whales, Dolphins, and Porpoises

COMMUNICATIONS:
NG Information Revolution. 5-37, Oct
WD Information Explosion. 28-30, Oct

COMPUTER APPLICATIONS:
NG Information Revolution. 5-37, Oct
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun
WD Information Explosion. 28-30, Oct
NG Chimpanzee photo. Behind the Scenes, Nov
NG Pollution watchdog. Earth Almanac, Mar

COMPUTER DISKS:
NG Recycled disks. Earth Almanac, Dec

CONAWAY, JAMES: *Author*
TR San Francisco. 68-87, Jan/Feb

CONDORS:
NG Condor survival. Earth Almanac, Aug

CONGO, Republic of the:
NG Ndoki. 2-45, Jul

CONSERVATION:
NG Jane Goodall. 102-129, Dec
NG Mountain Gorillas. 58-83, Oct
NG Saving Britain's Shore. 38-57, Oct
NG Earth Day. 123-138, Apr
NG Dead or Alive: The Endangered Species Act. 2-41, Mar
VI Keepers of the Wild
NG Bog refuges. Earth Almanac, Nov

CONSTELLATIONS. *See* Orion; Star Charts

COOK, MARGARET:
VI Keepers of the Wild

COOTS:
NG Coots. Geographica, Apr

COQUÍ FROGS:
NG Coquí frogs. Earth Almanac, Feb

CORAL AND CORAL REEFS:
VI Jewels of the Caribbean Sea

CORTESI, WENDY: *Author*
BK A Guide to the Mansion (The White House: An Historic Guide)

CORUNDUM:
WD Rubies & Sapphires. 10-12, May

CÔTE D'IVOIRE:
TV The New Chimpanzees

COYOTES:
VI Yellowstone: Realm of the Coyote

CRANBERRY BOGS:
NG Bog refuges. Earth Almanac, Nov

CRANES (birds):
NG Crane stamps. Geographica, Apr

CRAYFISH:
NG Oldest crayfish. Geographica, Jun

CROPS:
NG A Farming Revolution: Sustainable Agriculture. 60-89, Dec
NG Desert crops. Geographica, Sep

CROWS:
WD Educating Edgar. 8-9, May

CRUCIFER RUST:
NG Fungi. Geographica, Sep

CRUM, RICHARD M.: *Author*
WD It's a Whole New Ball Game. 10-12, Jul

CUATRO CIÉNEGAS, Coahuila, Mexico:
NG Desert Aquarium. 85-97, Oct

CURTSINGER, BILL:
Author-Photographer
NG Gray Reef Sharks. 45-67, Jan

CUTTLEFISH:
NG Giant Cuttlefish. 94-107, Sep

CYCLONES:
TV Cyclone!
NG Cyclone! On Television, Nov
See also Tornadoes

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DAHLBY, TRACY: *Author*
NG The New Saigon. 60-87, Apr

DARIÉN (region), Panama:
NG Darién. Earth Almanac, Sep

DARLING, JAMES D.: *Author*
BK Seiners of the Sea (Whales, Dolphins, and Porpoises)

DASH, JUDI: *Author*
TR South Carolina's Freshwater Coast. 76-84, Mar/Apr

DAVIES, PAUL C. W.: *Author*
BK The Universe: Nature's Grandest Design (Atlas of the World)
BK Worlds Beyond (Atlas of the World)

DEER:
BK Wild Animals of North America

DESERTS:
NG Chile's Chinchorro Mummies. 68-89, Mar
See also Chihuahuan Desert; Sonoran Desert

DEVILS TOWER NATIONAL MONUMENT, Wyoming:
TR America's National Monuments. 40-53, Mar/Apr

DEVONIAN PERIOD:
NG Amphibian evolution. Geographica, Feb

DIMILIN:
NG Gypsy moth controls. Earth Almanac, Nov

DINOSAURS:
WD Balloon. Supersize, Jun

DISTEMPER:
NG Lions perish from virus. Earth Almanac, Jan

DITULLIO, JEFFREY:
NG Dimpled baseball bats. Geographica, Jan

DOGS:
WD Please Pay the Pup. 11-12, Dec
WD Leak-Sniffing Dogs. 7-10, Mar
NG Hairless dogs. Geographica, Mar

DOGS, Wild:
NG Africa's wild dogs. Earth Almanac, Jul

DOGSLEDDING:
NG Three Years Across the Arctic. 120-138, Jan

DOLPHINS:
BK Whales, Dolphins, and Porpoises
NG Navy dolphins. Earth Almanac, Apr

DOMOIC ACID:
NG Berserk birds. Earth Almanac, Dec

DOUBILET, DAVID:
Author-Photographer
NG Manta! 36-51, Dec
NG Aldabra. 90-113, Mar

DOUTHITT, BILL:
NG On Assignment, Oct

DRAKE, CHARLES L.: *Author*
BK Continents Adrift: The Concept of Plate Tectonics (Atlas of the World)

DROUGHT:
NG Drought. Geographica, Apr

DUNBAR, DAVID: *Author*
BK Mountain Adventure (Canada's Spectacular National Parks)

DUNN, JERRY CAMARILLO, JR.: *Author*
TR Austin. 56-67, Sep/Oct
WD Treasures in Thailand. 2-6, Oct
WD Houdini. 7-10, Jun

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EAGLES:
NG The Harpy Eagle. 40-49, Feb
NG Desert eagles. Earth Almanac, Dec

EARTH:
🌐 Earthquakes. Apr
BK Atlas of the World
BK Raging Forces
See also Climate

EARTH DAY:
NG Earth Day. 123-138, Apr
WD Sustaining the Future. 2-3, Apr

EARTHQUAKES:
NG Kobe Wakes to a Nightmare. 112-136, Jul
NG Living With California's Faults. 2-35, Apr
🌐 Earthquakes. Apr
VI Nature's Fury!
BK Raging Forces

EASTER ISLAND, Pacific Ocean:
WD Easter Island. 6-10, Jan

EASTVOLD, ISAAC:
NG Earth Day. 123-138, Apr

ECHOLOCATION:
WD Hanging Out With Bats. 7-11, Oct

ECUADOR:
NG Galápagos troubles. Earth Almanac, Aug

EDWARDS, MIKE:
NG Recent honors. Behind the Scenes, Oct
NG On Assignment, Sep
Author
NG El Salvador. 108-131, Sep
BK South America (Atlas of the World)

EGYPT, Ancient:
NG Egypt's Old Kingdom. 2-43, Jan
🌐 Egypt's Nile Valley. Jan

EL NIÑO:
BK Raging Forces

EL SALVADOR:
NG El Salvador. 108-131, Sep

ELECTRIC VEHICLES:
WD Eco-Living. 22-24, 33-35, Apr

ELEPHANTS:
NG Dead or missing bull elephants. Earth Almanac, Jul
NG Rhino deaths. Earth Almanac, May

ELK:
NG Banff. 46-69, Jul

ELSEY, GEORGE M.: *Author*
NG Blueprints for Victory. 55-71, May

EMOTIONS:
NG Romantic attitudes. Geographica, Feb

ENDANGERED AND THREATENED SPECIES:
NG Hawaii's Vanishing Species. 2-37, Sep
NG North American Bats. 36-57, Aug
NG Dead or Alive: The Endangered Species Act. 2-41, Mar
See also Bowhead Whales; Giant Pandas; Sea Otters

ENDANGERED SPECIES ACT:
NG Dead or Alive: The Endangered Species Act. 2-41, Mar
NG Endangered Species Act. Earth Almanac, Jul

ENERGY SOURCES:
WD Sustaining the Future. 2-3, Apr
WD A World of Technology. 4-5, Apr

ENGELN, OSCAR DIEDRICH VON:
NG Flashback, Aug

ENGINES:
NG Cleaner powerboat engines. Earth Almanac, May
See also Electric Vehicles

ENGLAND:
NG Oxford. 114-137, Nov
NG Saving Britain's Shore. 38-57, Oct
NG Ancient foods. Geographica, Nov
NG Thatch roofs. Geographica, Mar

ENVIRONMENTAL LAWS AND LEGISLATION:
NG Bakery emissions. Earth Almanac, Sep
See also Endangered Species Act

EPIPHYTES:
WD Treetop Traffic. 34-35, Jan

ESPIONAGE:
NG Secret message. Geographica, Jun

ETHANOL:
NG Bakery emissions. Earth Almanac, Sep

ETHNOLOGY:
NG The Basques. 74-97, Nov
NG The African Roots of Voodoo. 102-113, Aug
NG Ancient foods. Geographica, Nov

ETHYLENE GLYCOL:
NG Fish antifreeze. Geographica, Jun

EUGENE, TONI: *Author*
WD Rhythm and Skill. 23-27, Oct
WD Sharing the Land in Kenya. 6-10, Apr
WD All Aboard Cardboard! 26-29, Feb

EUROPE:
BK Animal Kingdoms
BK Atlas of the World
See also France; Germany; Greece; Italy; Norway; Poland; Portugal; Romania; Russia; Spain; Sweden; United Kingdom of Great Britain and Northern Ireland

EVERTON, MACDUFF: *Photographer*
TR Roundup of Ranch Vacations. 46-53, Jul/Aug
TR Belize. 98-111, Jan/Feb

EVOLUTION:
NG The Farthest Horizon. 38-51, Sep
NG Insect wings. Earth Almanac, Nov

EWE:
NG The African Roots of Voodoo. 102-113, Aug

EXOTIC SPECIES:
BK Wild Animals of North America
NG African plants besieged. Earth Almanac, Aug

EXTINCT SPECIES. *See* Australopithecines; Great Auks; Mammoths; *and* Fossils

***EXXON VALDEZ* OIL SPILL TRUSTEE COUNCIL:**
NG Kodiak. Earth Almanac, Jul

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FACTORY SHIPS:
NG Diminishing Returns: Exploiting the Ocean's Bounty. 2-37, Nov

FAIRBANKS, MIGUEL LUIS: *Photographer*
NG Koalas. 36-59, Apr

FALCONS:
NG Aplomado falcons. Earth Almanac, Feb

FALLOW, ALLAN: *Author*
WD Snowboard Team. 7-10, Dec
WD Gravity. 27-31, Nov
WD Putting the Indian in the Cupboard. 33-35, Aug

FARMS:
NG A Farming Revolution: Sustainable Agriculture. 60-89, Dec
NG Mule team. Flashback, Dec
NG Organic farming. Geoguide, Dec

FASHION INDUSTRY:
WD The Jeans Scene. 2-5, Feb
NG Spoonbills. Earth Almanac, Jun

FEATHERS:
NG Spoonbills. Earth Almanac, Jun

FENCE LIZARDS:
NG Western fence lizards. Earth Almanac, May

FENNECS:
NG Fennecs. Earth Almanac, Feb

FERORELLI, ENRICO:
NG On Assignment, Feb *Photographer*
NG Chile's Chinchorro Mummies. 68-89, Mar
NG Bonampak. 50-69, Feb

FIJI:
NG Fiji. 114-137, Oct

FILM INDUSTRY:
WD Putting the Indian in the Cupboard. 33-35, Aug
NG Cinema centenary. Geographica, Apr

FINCH, ROBERT: *Author*
TR Garden With a Global Flair. 60-66, Jan/Feb

FINLEY, KERRY:
NG Bowhead Whales. 114-129, Aug

FIRE FIGHTING:
NG Fire! On Television, Aug

FIRES:
NG Fire! On Television, Aug
NG Fire and Thunder. On Television, Jun

FISH FARMING:
NG Foiling seals. Earth Almanac, Sep

FISHER, ANGELA: *Author-Photographer*
NG The African Roots of Voodoo. 102-113, Aug

FISHER, RON: *Author*
BK What Are Raging Forces? (Raging Forces)

FISHES:
VI Jewels of the Caribbean Sea
NG Fish otoliths. Earth Almanac, Oct
NG Fish antifreeze. Geographica, Jun
See also Manta Rays; Salmon; Sharks

FISHING INDUSTRY
NG Diminishing Returns: Exploiting the Ocean's Bounty. 2-37, Nov
NG Galápagos troubles. Earth Almanac, Aug
NG Namibia's seal deaths. Earth Almanac, May
See also Fish Farming; Tsukiji Fish Market

FLIES:
NG Insect wings. Earth Almanac, Nov

FLIN FLON, Manitoba, Canada
NG Roses bloom in Canadian mine. Geographica, Mar

FLINT HILLS, Kansas-Oklahoma:
NG Fire and Thunder. On Television, Jun

FLOODS:
VI Nature's Fury!
BK Raging Forces
NG Bering Glacier. Geographica, Aug

FLORIDA KEYS, Florida:
NG Nurse Sharks. 44-53, May

FOOD:
NG Ancient foods. Geographica, Nov
NG Tortillas. Geographica, Sep

FOREST FIRES:
NG Fire! On Television, Aug

FORESTS. *See* Rain Forests

FOSSILS:
NG The Farthest Horizon. 38-51, Sep
NG Oldest Crayfish. Geographica, Jun
NG Marsupial origin. Geographica, Apr
NG Amphibian evolution. Geographica, Feb

FOX, RODNEY:
VI Hunt for the Great White Shark

FOXES:
BK Wild Animals of North America
NG Fennecs. Earth Almanac, Feb

FRANCE:
NG Essence of Provence. 52-77, Sep

FRANKLIN, STUART: *Photographer*
NG Oxford. 114-137, Nov

FRENCH, BEVAN M.: *Author*
BK Earth's Moon: Our First Space Frontier (Atlas of the World)

FRENCH QUARTER, New Orleans, Louisiana:
NG New Orleans. 90-119, Jan

FROGS:
NG Poison-Dart Frogs. 98-111, May
NG Leopard frogs. Earth Almanac, Dec
NG Coquí frogs. Earth Almanac, Feb

FUNGI:
NG Leafcutter Ants. 98-111, Jul
NG Fungi. Geographica, Sep
NG Port Orford cedars. Earth Almanac, Jun

FUNK ISLAND, Newfoundland, Canada:
NG Mass grave of the great auk. Earth Almanac, Mar

FUR SEALS:
NG Namibia's seal deaths. Earth Almanac, May

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GALÁPAGOS ISLANDS, Pacific Ocean:
NG Sperm Whales. 56-73, Nov
NG Galápagos troubles. Earth Almanac, Aug

GALENA ORE:
NG Ancient lead pollution. Earth Almanac, Jun

GALILEE, Israel:
NG Israel's Galilee. 62-87, Jun

GARBAGE. *See* Trash

GARDENS AND GARDENING:
WD Eco-Living. 22-24, 33-35, Apr
NG Roses bloom in Canadian mine. Geographica, Mar
TR Garden With a Global Flair. 60-66, Jan/Feb

GARDNER, ALFRED L.: *Author*
BK Opossum (Wild Animals of North America)

GAREL, TONY:
VI Keepers of the Wild

GARRETT, KENNETH: *Photographer*
NG Teotihuacan. 2-35, Dec
NG The Farthest Horizon. 38-51, Sep
NG Egypt's Old Kingdom. 2-43, Jan

GAS STATIONS:
NG Teapot Dome gas station. Geographica, Jul

GEHMAN, RAYMOND:
NG On Assignment, Jul *Photographer*
NG Banff. 46-69, Jul
BK Exploring Canada's Spectacular National Parks

GEISHA:
NG Geisha. 99-113, Oct

GEIST, VALERIUS: *Author*
BK Hoofed Mammals (Wild Animals of North America)

GEMS:
WD Rubies & Sapphires. 10-12, May

GENETICS:
NG Romantic attitudes. Geographica, Feb

GENOWAYS, HUGH H.: *Author*
BK Gnawing Mammals (Wild Animals of North America)

GEOGRAPHIC NAMES:
NG Longest place-names. Geographica, Aug

GEOGRAPHY BEE:
NG Geography IQ. Behind the Scenes, Oct

GEOGRAPHY EDUCATION:
BK Exploring Your World: The Adventure of Geography
NG Teacher Grant Program. Foundation Page, Apr

GEOKIDS (NGS videos):
WD Video Wizards. 6, Nov

GEOLOGY. *See* Tectonic Forces

GERMANY:
TR Rhine Journey. 40-59, May/Jun

GIANT CUTTLEFISH:
NG Giant Cuttlefish. 94-107, Sep

GIANT PANDAS:
NG New Hope for China's Giant Pandas. 100-115, Feb
TV Secrets of the Wild Panda
VI Secrets of the Wild Panda
NG Secrets of the Wild Panda. On Television, Apr

GIRAFFES:
WD Heads Up! 31, Jul

GIZA, Egypt:
NG Egypt's Old Kingdom. 2-43, Jan

GLACIER NATIONAL PARK, Montana:
NG Mountain Goats. 102-121, Apr

GLACIERS:
NG Bering Glacier. Geographica, Aug

GLYCOPROTEINS:
NG Fish antifreeze. Geographica, Jun

GOAT ANTELOPES:
NG Mountain Goats. 102-121, Apr

GOLDNER, KATY: *Author*
WD Backyard Bugs. 21-25, Jul

GOLDSMITH, SCOTT: *Photographer*
TR South Carolina's Freshwater Coast. 76-84, Mar/Apr

GOLF BALLS:
NG Aquaflyte golf balls. Earth Almanac, Mar

GOMBE NATIONAL PARK, Tanzania:
NG Jane Goodall. 102-129, Dec
TV The New Chimpanzees

GOODALL, JANE:
NG Jane Goodall. 102-129, Dec
TV The New Chimpanzees
NG Jane Goodall gala. Behind the Scenes, Sep

GORE, RICK:
NG On Assignment, Apr
Author
NG Living With California's Faults. 2-35, Apr

GORILLAS:
NG Mountain Gorillas. 58-83, Oct
NG Mountain gorilla deaths. Earth Almanac, Nov
NG Geoguide, Oct
NG Ivan the "Mall Gorilla." Earth Almanac, Aug

GRAHAM, FRANK, JR.: *Author*
NG Earth Day. 123-138, Apr

GRALL, GEORGE:
NG Desert springs. Behind the Scenes, Aug
Author-Photographer
NG Desert Aquarium. 85-97, Oct

GRAND CANYON, Arizona:
TR Havasu Canyon: A Desert Shangri-la. 60-69, May/Jun

GRAND TETON NATIONAL PARK, Wyoming:
NG Grand Teton. 119-140, Feb

GRAVES, WILLIAM:
NG In Perfect Step, The Guard Changes. President's Page, Jan

GRAVITY:
WD Gravity. 27-31, Nov

GRAY, CHARLES:
NG Burke-Wills Australian trek. Geographica, Mar

GRAY, CHARLIE:
VI Keepers of the Wild

GRAY REEF SHARKS:
NG Gray Reef Sharks. 45-67, Jan

GRAY SEALS:
NG Foiling seals. Earth Almanac, Sep

GRAY SQUIRRELS:
NG Squirrels. 98-113, Nov

GRAY, WILLIAM R.: *Author*
BK Introduction (National Parks of North America)

GREAT AUKS:
NG Mass grave of the great auk. Earth Almanac, Mar

GREAT PLAINS, Canada-U. S.:
TR In the Heart of the Prairies. 96-106, May/Jun
NG Spanish mustangs. Geographica, Dec
NG Fire and Thunder. On Television, Jun

GREAT RIFT VALLEY:
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun

GREAT WHITE SHARKS:
TV Great White Shark
VI Hunt for the Great White Shark
NG Great White Shark. On Television, Mar

GREECE, Ancient:
NG Ancient lead pollution. Earth Almanac, Jun

GREENDISK:
NG Recycled disks. Earth Almanac, Dec

GREENLAND GLACIAL MORAINE GARDEN, Kaga, Japan:
NG Fog sculpture honors scientist. Geographica, May

GREERS FERRY, Arkansas:
WD Please Pay the Pup. 11-12, Dec

GRIFFIN, DAVID:
NG On Assignment, Oct

GRIZZLY BEARS:
NG Deadly Encounters. On Television, Mar

GROSSE ILE, Quebec, Canada
NG Canada commemorates immigrants. Geographica, Jan

GROSVENOR COUNCIL:
NG Grosvenor Council. Behind the Scenes, Dec

GROSVENOR, GILBERT M.: *Author*
BK Foreword (Exploring Your World)
BK Foreword (Whales, Dolphins, and Porpoises)
BK Preface (Atlas of the World)

GROVE, NOEL: *Author*
BK When the Earth Moves (Raging Forces)

GUAM RAILS:
NG Guam rails. Earth Almanac, Sep

GUANAJUATO (state), Mexico:
NG Bird kill. Earth Almanac, Oct

GUATEMALA:
WD Quetzal. 27-29, Jun
NG Maya bridge. Geographica, Oct

GUEST RANCHES AND FARMS:
TR Roundup of Ranch Vacations. 46-53, Jul/Aug

GUIDEBOOKS:
BK National Geographic's Guide to Scenic Highways and Byways
BK The White House: An Historic Guide

GUP, TED: *Author*
NG Hiroshima. 78-101, Aug

GURCHE, JOHN: *Artist*
NG The Farthest Horizon. 38-51, Sep

GUYANA:
NG The Harpy Eagle. 40-49, Feb

GWAII HAANAS NATIONAL PARK RESERVE, British Columbia, Canada:
BK Exploring Canada's Spectacular National Parks

GYMNASTICS:
WD Rhythm and Skill. 23-27, Oct

GYPSY MOTHS:
NG Gypsy moth controls. Earth Almanac, Nov

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HAIDA:
BK Exploring Canada's Spectacular National Parks

HAIRLESS DOGS:
NG Hairless dogs. Geographica, Mar

HALL, ALICE J.: *Author*
NG Desert Mission. 52-59, Dec
BK North America (Atlas of the World)

HALL, HOWARD:
VI Jewels of the Caribbean Sea

HALL, MICHELE:
VI Jewels of the Caribbean Sea

HALLAN CEMI (site), Turkey:
NG Did pigs help ancient people settle down? Geographica, Mar

HANCOCK, JUDITH:
NG Earth Day. 123-138, Apr

HARADA, SUMIO: *Photographer*
NG Mountain Goats. 102-121, Apr

HARPY EAGLES:
NG The Harpy Eagle. 40-49, Feb

HARRELL, MARY ANN: *Author*
BK The Changing White House (The White House: An Historic Guide)

HARVEY, BRYAN:
NG Behind the Scenes, Dec

HARVEY, DAVID ALAN:
NG Behind the Scenes, Dec

HASHIMOTO, CHIE:
TV The New Chimpanzees

HAVASU CANYON, Arizona:
TR Havasu Canyon: A Desert Shangri-la. 60-69, May/Jun

HAVASUPAI INDIANS:
TR Havasu Canyon: A Desert Shangri-la. 60-69, May/Jun

HAWAII:
NG Hawaii's Vanishing Species. 2-37, Sep
Hawaii. Sep
TR The Real Maui. 34-49, Nov/Dec

HAWAII VOLCANOES NATIONAL PARK, Hawaii, Hawaii:
NG Hawaii's Vanishing Species. 2-37, Sep

HAYES, KIM: *Photographer*
NG The Harpy Eagle. 40-49, Feb

HEAVEY, BILL: *Author*
TR Adirondacks. 28-43, Jul/Aug

HELENA, Montana:
WD Rubies & Sapphires. 10-12, May

HENNESSEY, GAIL SKROBACK: *Author*
WD Rubies & Sapphires. 10-12, May

HENRIETTA MARIE (ship):
NG Slave-ship relics. Geographica, Feb

HERON, ELLA:
NG Earth Day. 123-138, Apr

HERON, PERCY:
NG Earth Day. 123-138, Apr

HIGHWAYS AND ROADS. *See* Lincoln Highway; Scenic Highways

HIROSHIMA, Japan:
NG Hiroshima. 78-101, Aug

HO CHI MINH CITY, Vietnam:
NG The New Saigon. 60-87, Apr

HODGSON, BRYAN: *Author*
NG Grand Teton. 119-140, Feb
BK Antarctica (Atlas of the World)

HOGA (tugboat):
NG *Hoga.* Geographica, Dec

HOLMES COUNTY, Ohio:
NG Amish quilts. Geographica, Nov

HOMINIDS:
NG The Farthest Horizon. 38-51, Sep

HORNOCKER, MAURICE G.: *Author*
BK Meat Eaters (Wild Animals of North America)

HORSES. *See* Mustangs

HOT-AIR BALLOONS:
WD Dinosaur balloon. Supersize, Jun

HOUDINI, HARRY:
WD Houdini. 7-10, Jun

HUAUTLA CAVE SYSTEM, Oaxaca, Mexico:
NG Huautla Cave Quest. 78-93, Sep

HUBBARD MEDAL:
NG Jane Goodall gala. Behind the Scenes, Sep

HUBBLE SPACE TELESCOPE:
Orion/The Heavens. Dec

HUGHES, CATHERINE D.: *Author*
WD Video Wizards. 6, Nov
WD Monterey Bay. 2-7, May
WD Wallabies. 15-22, Mar
WD Whale Rescue. 24-25, Feb
WD Treetop Traffic. 34-35, Jan

HUMAN BODY:
NG Quiet Miracles of the Brain. 2-41, Jun

HUMAN SACRIFICE:
NG Teotihuacan. 2-35, Dec

HURRICANE ANDREW:
VI Nature's Fury!

HURRICANES:
TV Cyclone!
VI Nature's Fury!
BK Raging Forces

HYNER AMPHIBIAN:
NG Amphibian evolution. Geographica, Feb

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ICE-SKATING:
WD Cool Moves on the Ice. 2-5, Nov
WD Sizzlin' on Skates. 3-5, Jan

IDAHO:
TR Sawtooth Loop. 88-97, Jan/Feb

IMAGING TECHNOLOGY:
NG "Telemedicine." Geographica, Nov

IMMIGRATION:
NG Canada commemorates immigrants. Geographica, Jan

INDIA:
NG Bombay. 42-67, Mar
WD "The Great Indian Railway." Supersize, May
TV The Great Indian Railway
NG The Great Indian Railway. On Television, May

THE INDIAN IN THE CUPBOARD (film):
WD Putting the Indian in the Cupboard. 33-35, Aug

INDIAN OCEAN:
NG Boat solos ocean. Geographica, Oct

INDIANS OF NORTH AMERICA:
BK Enduring America
NG War Code: Navajo. On Television, Oct
NG Kodiak. Earth Almanac, Jul
NG White buffalo birth. Geographica, Feb
See also Cherokee Nation; Havasupai Indians; Iroquois Confederacy; Plains Indians

INDONESIA:
WD Komodo Dragons. 15-18, Nov

INFORMATION TECHNOLOGY:
NG Information Revolution. 5-37, Oct
WD Information Explosion. 28-30, Oct

INSECT CONTROL:
NG A Farming Revolution: Sustainable Agriculture. 60-89, Dec
NG Gypsy moth controls. Earth Almanac, Nov

INSECTS:
WD Backyard Bugs. 21-25, Jul
NG Insect wings. Earth Almanac, Nov
See also Ants; Beetles; Caterpillars; Moths

INTERNET:
NG Information Revolution. 5-37, Oct

INTERSTATE 80:
NG Lincoln Highway. Geographica, Mar

IOWA. *See* Amana Colonies

IRISH BRIGADE:
NG Antietam's unknowns. Geographica, Jul

IRISH CANADIANS:
NG Canada commemorates immigrants. Geographica, Jan

IROQUOIS CONFEDERACY:
WD Putting the Indian in the Cupboard. 33-35, Aug

ISRAEL:
NG Israel's Galilee. 62-87, Jun
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun

ITALY:
NG Sicily: Italy Apart. 2-35, Aug
NG Venice. 73-99, Feb
🌐 Italy. Feb
TR Rome. 50-69, Nov/Dec
WD Eyes on Rome. 26-30, Jul

IVORY COAST. *See* Côte d'Ivoire

IVORY TRADE:
NG Dead or missing bull elephants. Earth Almanac, Jul

IWO JIMA, Volcano Islands:
NG Iwo Jima photo. Geographica, Feb

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JACKALS. *See* Black-backed Jackals

JACKSON HOLE, Wyoming:
NG Grand Teton. 119-140, Feb

JACKSON, JIM:
NG Student-built plane. Geographica, Jun

JADE:
NG Maya jade. Geographica, May

JAMAICA:
TR Jamaica. 92-107, Sep/Oct

JAMES RIVER, Virginia:
TR Richmond. 84-95, May/Jun

JANE GOODALL INSTITUTE:
NG Jane Goodall. 102-129, Dec

JAPAN:
NG Tokyo Fish Market. 38-55, Nov
NG Geisha. 99-113, Oct
NG Hiroshima. 78-101, Aug
NG Kobe Wakes to a Nightmare. 112-136, Jul
NG NGM Japanese edition. Behind the Scenes, Jul
NG Fog sculpture honors scientist. Geographica, May
NG Iwo Jima photo. Geographica, Feb

JEWS:
NG Israel's Galilee. 62-87, Jun
NG Carvings preserve Polish synagogues. Geographica, May

JOHNS, CHRIS: *Photographer*
NG Squirrels. 98-113, Nov
NG Hawaii's Vanishing Species. 2-37, Sep

JOHNSON, NEIL: *Author*
WD Learning the Ropes. 22-24, Aug

JONES, ANN: *Author*
TR Roundup of Ranch Vacations. 46-53, Jul/Aug

JONKEL, CHARLES: *Author*
BK Meat Eaters (Wild Animals of North America)

JORDAN:
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun

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KAGA, Japan:
NG Fog sculpture honors scientist. Geographica, May

KANAPOI HOMINID:
NG The Farthest Horizon. 38-51, Sep

KANGAROOS. *See* Wallabies

KANO, TAKAYOSHI:
TV The New Chimpanzees

KARISOKE RESEARCH CENTER, Rwanda:
NG Mountain Gorillas. 58-83, Oct

KASMAUSKI, KAREN:
NG On Assignment, Apr *Photographer*
NG Kobe Wakes to a Nightmare. 112-136, Jul
NG The New Saigon. 60-87, Apr

KAUAI (island), Hawaii:
NG Hawaii's Vanishing Species. 2-37, Sep

KAYAKING:
NG Three Years Across the Arctic. 120-138, Jan

KELP FORESTS:
WD Monterey Bay. 2-7, May

KENAI FJORDS NATIONAL PARK, Alaska:
NG Mountain Goats. 102-121, Apr

KENDRICK, ROBB: *Photographer*
NG Diminishing Returns: Exploiting the Ocean's Bounty. 2-37, Nov

KENTUCKY. *See* Mammoth Cave

KENYA:
WD Sharing the Land in Kenya. 6-10, Apr
WD Black-Backed Jackals. 27-30, Jan
NG Masai diet. Geographica, Oct
NG Dead or missing bull elephants. Earth Almanac, Jul

KENYON, KARL W.: *Author*
BK Seals, Sea Lions & Walruses (Wild Animals of North America)

KGB (Committee for State Security):
NG Secret message. Geographica, Jun

KIDBY, LANG:
NG The Vimy Flies Again. 2-43, May
VT The Greatest Flight
NG The Greatest Flight. On Television, Apr

KIDS' HALL OF FAME:
WD Kids' Hall of Fame. WORLDcards, Sep

KIDS NETWORK:
WD Kids Investigate! Pullout, Oct

KILAUEA, Hawaii, Hawaii:
WD Volcanoes. 6-9, Feb
NG Postcards. Flashback, Sep

KILLER WHALES:
NG Foiling seals. Earth Almanac, Sep

KILPATRICK, JAMES J.: *Author*
TR Richmond. 84-95, May/Jun

KING, JOHN:
NG Burke-Wills Australian trek. Geographica, Mar

KIRKPATRICK, JENNIFER: *Author*
WD Troll Trouble. 28-30, Dec
WD Adventures in Mexico. 32-35, Nov

KLINKENBORG, VERLYN: *Author*
NG A Farming Revolution: Sustainable Agriculture. 60-89, Dec

KNOEBBER, JOHN:
NG On Assignment, Oct

KOALAS:
NG Koalas. 36-59, Apr

KOBE, Japan:
NG Kobe Wakes to a Nightmare. 112-136, Jul

KODIAK ISLAND, Alaska:
NG Kodiak. Earth Almanac, Jul

KOKOPELLIA JUDDI:
NG Marsupial origin. Geographica, Apr

KOKUZAN CELEBRATION:
NG The African Roots of Voodoo. 102-113, Aug

KOMODO DRAGONS:
WD Komodo Dragons. 15-18, Nov

KOSTYAL, K. M.: *Author*
TR Eternal Poland. 54-74, Mar/Apr
WD Leak-Sniffing Dogs. 7-10, Mar

KRAKAUER, JON: *Author*
NG Banff. 46-69, Jul

KRAKÓW, Poland:
TR Eternal Poland. 54-74, Mar/Apr

KREITLER, PETER:
NG Earth Day. 123-138, Apr

KRIST, BOB: *Photographer*
TR Vast Alaska. 72-83, May/Jun

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L.A. GEAR:
NG Light-up sneakers. Earth Almanac, Feb

LAGUNA ATASCOSA NATIONAL WILDLIFE REFUGE, Texas:
NG Aplomado falcons. Earth Almanac, Feb

LANCASTER COUNTY, Pennsylvania:
NG Amish quilts. Geographica, Nov

LANGURS:
WD Leapin' Langurs. 24, 33-35, May

LAP (lingual antimicrobial peptide):
NG Tongues. Geographica, Sep

LARRAMENDI, RAMÓN HERNANDO DE: *Author-Photographer*
NG Three Years Across the Arctic. 120-138, Jan

LAW ENFORCEMENT:
WD Kid Detectives. 32-35, Jun

LEAD CONTAMINATION:
NG Ancient lead pollution. Earth Almanac, Jun

LEAFCUTTER ANTS:
NG Leafcutter Ants. 98-111, Jul

LEAKEY, MEAVE: *Author*
NG The Farthest Horizon. 38-51, Sep

LEBANON. *See* Beirut

LEE, DOUGLAS BENNETT: *Author*
BK The Biosphere: Reservoirs of Life (Atlas of the World)

LEE, M. LINDA: *Author*
WD Town of Magical Murals. 6-10, Aug
WD Eyes on Rome. 26-30, Jul
WD Taste of the Big Apple. 2-6, Mar

LEE, THOMAS E.: *Author*
BK Foreword (Canada's Spectacular National Parks)

LEEN, SARAH: *Photographer*
TR Quebec City. 86-102, Mar/Apr

LEOPARD FROGS:
NG Leopard frogs. Earth Almanac, Dec

LEWIS, BARRY: *Photographer*
TR Eternal Poland. 54-74, Mar/Apr

LINCOLN HIGHWAY:
NG Lincoln Highway. Geographica, Mar

LIONS:
NG Lions perish from virus. Earth Almanac, Jan

LIZARDS:
WD Komodo Dragons. 15-18, Nov
NG Missing lizard species found. Geographica, Aug

LLOYD, R. IAN: *Photographer*
TR Journey Into Dreamtime. 42-57, Jan/Feb

LOBSTERS:
NG Lobster windfall. Earth Almanac, Jul

LODGE, ANDY:
VI Keepers of the Wild

LOS ANGELES COUNTY, California:
NG Living With California's Faults. 2-35, Apr

LOUISIANA:
NG New Orleans. 90-119, Jan

LOUVRE, Paris, France:
NG Wartime "Mona Lisa." Geographica, Aug

LOWMAN, PAUL D.: *Author*
BK Earth's Moon: Our First Space Frontier (Atlas of the World)

LÜ ZHI:
TV Secrets of the Wild Panda
VI Secrets of the Wild Panda

LUMBER INDUSTRY:
NG Endangered Species Act. Earth Almanac, Jul

LUMIÈRE, AUGUSTE:
NG Cinema centenary. Geographica, Apr

LUMIÈRE, LOUIS:
NG Cinema centenary. Geographica, Apr

LUSTER, BILL: *Photographer*
TR In the Heart of the Prairies. 96-106, May/Jun

LUTYK, CAROL B.: *Author*
TR America's National Monuments. 40-53, Mar/Apr

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MADSON, JOHN: *Author*
TR In the Heart of the Prairies. 96-106, May/Jun

MAFIA:
NG Sicily: Italy Apart. 2-35, Aug

MAGICIANS. *See* Houdini, Harry

MAIRSON, ALAN: *Author*
NG Saving Britain's Shore. 38-57, Oct

MAMMALS:
BK Whales, Dolphins, and Porpoises
BK Wild Animals of North America

MAMMOTH CAVE, Kentucky:
NG Mammoth Cave mapmaker. Geographica, May

MAMMOTHS:
NG Dwarf mammoth. Geographica, Jan

MANHATTAN, New York, New York:
WD Taste of the Big Apple. 2-6, Mar

MANITOBA, Canada:
NG Roses bloom in Canadian mine. Geographica, Mar

MANTA RAYS:
NG Manta! 36-51, Dec

MAP ROOM, White House, Washington, D. C.:
NG Blueprints for Victory. 55-71, May

MAP SUPPLEMENTS:
Orion/The Heavens. Dec
Hawaii. Sep
Heart of the Rockies. Jul
Earthquakes. Apr
Italy. Feb
Egypt's Nile Valley. Jan
WD Asia. Pullout, Nov

MAPMAKING:
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun

MAPS:
NG Blueprints for Victory. 55-71, May
BK Atlas of the World

MARBLED MURRELETS:
NG Endangered Species Act. Earth Almanac, Jul
NG Marbled murrelets. Earth Almanac, Apr

MARDI GRAS:
NG New Orleans. 90-119, Jan

MARINE BIOLOGY:
WD Monterey Bay. 2-7, May
VI Jewels of the Caribbean Sea

MARINE MAMMALS:
BK Whales, Dolphins, and Porpoises
BK Wild Animals of North America
See also Sea Lions; Sea Otters; Seals; Whales

MARINE POLLUTION:
NG Aquaflyte golf balls. Earth Almanac, Mar

MARSICO, DENNIS: *Photographer*
TR Portugal Inn to Inn. 68-81, Sep/Oct

MARSUPIALS:
NG Marsupial origin. Geographica, Apr
See also Koalas; Wallabies

MARTIN, PAUL: *Author*
TR Jamaica. 92-107, Sep/Oct

MARTÍNEZ, ANTONIO:
NG Three Years Across the Arctic. 120-138, Jan

MARY RIVER TORTOISES:
NG New tortoise. Earth Almanac, Aug

MARYLAND:
NG Anacostia River. Earth Almanac, Sep

MASAI TRIBESPEOPLE:
WD Sharing the Land in Kenya. 6-10, Apr
NG Masai diet. Geographica, Oct

MASSACHUSETTS:
NG Bog refuges. Earth Almanac, Nov

MASUDA, COCO: *Maps By*
TR Coast to Coast With the *Sunset Limited*. 96-107, Nov/Dec

MATTHEWS, SAMUEL W.: *Author*
BK Oceans (Atlas of the World)

MAUI, Hawaii:
NG Hawaii's Vanishing Species. 2-37, Sep
TR The Real Maui. 34-49, Nov/Dec

MAYA:
NG Bonampak. 50-69, Feb
NG Maya bridge. Geographica, Oct
NG Maya jade. Geographica, May

MAZZATENTA, O. LOUIS: *Author-Photographer*
NG Brindisi Bronzes. 88-101, Apr

McCARRY, JOHN: *Author*
NG Bombay. 42-67, Mar

McCAULEY, JANE R.: *Author*
WD Meet the Mongoose. 30-31, Jun
WD Sandshoeing. 2-3, Jun

McCURRY, STEVE: *Photographer*
NG Burma. 70-97, Jul
NG Bombay. 42-67, Mar
TR Rome. 50-69, Nov/Dec

McGRATH, SUSAN: *Author*
WD Eco-Living. 22-24, 33-35, Apr

McKELWAY, MARGARET: *Author*
WD Information Explosion. 28-30, Oct
WD Identified Flying Objects! 2-6, Jul
WD Junior Drag Racing. 36-39, May
WD Time Travel. 30-33, Mar

McMILLAN, PETER:
VI The Greatest Flight
NG The Greatest Flight. On Television, Apr
Author
NG The Vimy Flies Again. 2-43, May

McNALLY, JOE: *Photographer*
NG Quiet Miracles of the Brain. 2-41, Jun

MECH, L. DAVID: *Author*
BK Meat Eaters (Wild Animals of North America)

MEDICINE AND HEALTH:
NG Quiet Miracles of the Brain. 2-41, Jun
NG "Telemedicine." Geographica, Nov
NG Masai diet. Geographica, Oct
NG Sausage tree fights cancer. Geographica, Aug

MELFORD, MICHAEL: *Photographer*
TR Autumn in Yellowstone. 38-55, Sep/Oct
TR Adirondacks. 28-43, Jul/Aug
TR Sawtooth Loop. 88-97, Jan/Feb

MELHAM, TOM: *Author*
BK Coping With Catastrophe (Raging Forces)
BK Introduction (Animal Kingdoms)
BK Parklands Near at Hand (Canada's Spectacular National Parks)
BK South America (Animal Kingdoms)

MEMORY:
NG Quiet Miracles of the Brain. 2-41, Jun
NG Bird brains. Geographica, Jun

MERCURY POLLUTION:
NG Light-up sneakers. Earth Almanac, Feb

MERZ, ANNA:
VI Keepers of the Wild

METEORITES:
WD Identified Flying Objects! 2-6, Jul

MEXICAN HAIRLESS DOGS:
NG Hairless dogs. Geographica, Mar

MEXICO:
NG Teotihuacan. 2-35, Dec
NG Desert Aquarium. 85-97, Oct
NG Huautla Cave Quest. 78-93, Sep
NG Bonampak. 50-69, Feb
BK National Parks of North America
NG Maya bridge. Geographica, Oct
NG Tortillas. Geographica, Sep
NG Desert springs. Behind the Scenes, Aug
See also Guanajuato; Quintana Roo

MIDDLE EAST:
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun
NG Oman. 112-138, May
See also Beirut

MILLER, MARGARET:
NG Earth Day. 123-138, Apr

MILLER, MARK: *Author*
TR Vast Alaska. 72-83, May/Jun

MILLER, MARY: *Author*
NG Bonampak. 50-69, Feb

MILLER, PETER:
NG On Assignment, Dec
Author
NG Jane Goodall. 102-129, Dec

MILLMAN, LAWRENCE: *Author*
BK Pacific Traditions (Canada's Spectacular National Parks)

MIMICRY:
NG Fungi. Geographica, Sep

MINES. *See* Flin Flon

MINIATURES:
NG Carvings preserve Polish synagogues. Geographica, May

MISSION SAN XAVIER DEL BAC, Arizona:
NG Desert Mission. 52-59, Dec

MISSISSIPPI RIVER, U. S.:
VI Nature's Fury!

MISSOURI BOTANICAL GARDEN, St. Louis, Missouri:
TR Garden With a Global Flair. 60-66, Jan/Feb

MOCHE CULTURE:
NG Hairless dogs. Geographica, Mar

MOFFETT, MARK W.:
NG On Assignment, May
Author-Photographer
NG Leafcutter Ants. 98-111, Jul
NG Poison-Dart Frogs. 98-111, May

MONGOOSES:
WD Meet the Mongoose. 30-31, Jun

MONITOR LIZARDS:
WD Komodo Dragons. 15-18, Nov

MONKEYS:
WD Leapin' Langurs. 24, 33-35, May

MONTANA:
WD Rubies & Sapphires. 10-12, May

MONTEREY BAY, California:
NG The Fragile Recovery of California Sea Otters. 42-61, Jun
WD Monterey Bay. 2-7, May
NG Basking sharks. Earth Almanac, Nov

MONTEREY BAY AQUARIUM, Monterey, California:
NG The Fragile Recovery of California Sea Otters. 42-61, Jun

MOON:
BK Atlas of the World

MOONEY, GAIL: *Photographer*
TR Austin. 56-67, Sep/Oct

MORSE, MINNA: *Author*
WD Cool Moves on the Ice. 2-5, Nov
WD Leapin' Langurs. 24, 33-35, May
WD Traveling Basketball Team. 34-35, Mar
WD Black-Backed Jackals. 27-30, Jan

MOSS, CYNTHIA:
NG Dead or missing bull elephants. Earth Almanac, Jul

MOTHS:
NG Gypsy moth controls. Earth Almanac, Nov

NG Tear-drinking moth. Geographica, Nov
NG Sphinx moths. Earth Almanac, Oct

MOTORBOATS:
NG Cleaner powerboat engines. Earth Almanac, May

MOUNTAIN CLIMBING:
NG Height of Courage: The Norman Vaughan Story. On Television, Jul

MOUNTAIN GOATS:
NG Mountain Goats. 102-121, Apr

MOUNTAIN GORILLAS:
NG Mountain Gorillas. 58-83, Oct
NG Mountain gorilla deaths. Earth Almanac, Nov
NG Geoguide, Oct

MOUTHS. *See* LAP

MOVILE CAVE, Romania:
NG Romanian cave life. Geographica, Oct

MUIR WOODS NATIONAL MONUMENT, California:
TR America's National Monuments. 40-53, Mar/Apr

MULES:
NG Mule team. Flashback, Dec

MULVIHILL, MAURA:
NG NGS Image Collection. Behind the Scenes, Aug

MUMMIES:
NG Chile's Chinchorro Mummies. 68-89, Mar
NG Siberian mummy. Geographica, Jan

MUNDELEIN HIGH SCHOOL, Illinois:
NG Student-built plane. Geographica, Jun

MURALS:
NG Bonampak. 50-69, Feb
WD Town of Magical Murals. 6-10, Aug

MURRELETS. *See* Marbled Murrelets

MUSTANGS:
NG Spanish mustangs. Geographica, Dec

MYANMAR:
NG Burma. 70-97, Jul

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NAFTA (North American Free Trade Agreement):
NG Bird kill. Earth Almanac, Oct

NAKAMURA, KUNIWO:
NG Palau independence. Geographica, Jun

NAKAYA, UKICHIRO:
NG Fog sculpture honors scientist. Geographica, May

NAMIBIA:
NG Namibia's seal deaths. Earth Almanac, May

NARDOO FERNS:
NG Burke-Wills Australian trek. Geographica, Mar

NATIONAL AQUARIUM, Baltimore, Maryland:
WD Whale Rescue. 24-25, Feb

NATIONAL CATHEDRAL, Washington, D. C.:
NG National Cathedral repair. Geographica, Jun

NATIONAL GEOGRAPHIC MAGAZINE:
NG Recent honors. Behind the Scenes, Oct
NG NGM Japanese edition. Behind the Scenes, Jul
NG Readers' top ten articles, Behind the Scenes, Jul
NG Secret message. Geographica, Jun
Covers
NG *The Bridges of Madison County.* Behind the Scenes, Jul
Editorship
NG In Perfect Step, The Guard Changes. President's Page, Jan
Maps
NG Blueprints for Victory. 55-71, May
Photographs
NG Reel to Real. 58-77, Aug
NG Oscar D. von Engeln. Flashback, Aug
NG *The Photographers.* On Television, Aug

NATIONAL GEOGRAPHIC SOCIETY:
NG Grosvenor Council. Behind the Scenes, Dec
NG Geography IQ. Behind the Scenes, Oct
WD Junior Member Poll Results. 2-3, Sep
Awards
NG Recent honors. Behind the Scenes, Oct
NG Jane Goodall gala. Behind the Scenes, Sep
Explorers Hall
NG "Earth 2U, Exploring Geography." Behind the Scenes, Nov
Image Collection
NG NGS Image Collection. Behind the Scenes, Aug
Maps
NG Blueprints for Victory. 55-71, May
Research Grants
WD Mission: Discovery. 4-9, Sep
Television Films
TV 30 Years of National Geographic Specials
VI 30 Years of National Geographic Specials
NG 30 Years of National Geographic Specials. On Television, Jan
Travel Program
NG Geographic On Tour. Behind the Scenes, Sep

NATIONAL GEOGRAPHIC SOCIETY EDUCATION FOUNDATION:
NG Teacher Grant Program. Foundation Page, Apr

NATIONAL GEOGRAPHY BEE:
NG Geography IQ. Behind the Scenes, Oct

NATIONAL MARITIME CENTER, Norfolk, Virginia:
WD Dive Into Nauticus. 2-6, Dec

NATIONAL MONUMENTS:
TR America's National Monuments. 40-53, Mar/Apr

NATIONAL PARKS:
BK Animal Kingdoms
BK Exploring Canada's Spectacular National Parks
BK National Parks of North America
See also Amboseli National Park; Banff National Park; Big Bend National Park; Glacier National Park; Gombe National Park; Grand Teton National Park; Hawaii Volcanoes National Park; Kenai Fjords National Park; Nouabale-Ndoki National Park; Pilanesberg National Park; Saguaro National Park; Serengeti National Park; Uluru-Kata Tjuta National Park; Virunga National Park; Yellowstone National Park

NATIONAL TRUST FOR PLACES OF HISTORIC INTEREST OR NATURAL BEAUTY:
NG Saving Britain's Shore. 38-57, Oct

NATURE CONSERVANCY:
NG Fire and Thunder. On Television, Jun

NAUTICUS, Norfolk, Virginia:
WD Dive Into Nauticus. 2-6, Dec

NAVAJO CODE TALKERS:
NG War Code: Navajo. On Television, Oct

NDOKI RIVER, Africa. *See* Nouabale-Ndoki National Park

NEBULAE. *See* Orion

NELSON, DAN:
NG The Vimy Flies Again. 2-43, May

NELSON, PETER N.: *Author*
TR The White Mountains. 82-91, Sep/Oct

NENETS:
NG Nomads. Geographica, Sep

NEW HAMPSHIRE:
TR The White Mountains. 82-91, Sep/Oct
NG Lobster windfall. Earth Almanac, Jul

NEW ORLEANS, Louisiana:
NG New Orleans. 90-119, Jan

NEW SOUTH WALES, Australia:
NG Koalas. 36-59, Apr

NEW YORK:
TR Adirondacks. 28-43, Jul/Aug

NEW YORK, New York:
WD Taste of the Big Apple. 2-6, Mar

NEWMAN, CATHY:
NG On Assignment, Mar
Author
NG Reel to Real. 58-77, Aug
NG North Carolina's Piedmont: On a Fast Break. 114-138, Mar
BK Australia and New Zealand (Atlas of the World)

NICHOLS, MICHAEL:
NG Rwandan boy. Behind the Scenes, Oct
Photographer
NG Jane Goodall. 102-129, Dec
NG Mountain Gorillas. 58-83, Oct
NG Ndoki. 2-45, Jul

NICKLIN, FLIP:
NG On Assignment, Nov
NG Waiting for whales. Behind the Scenes, Aug
Author
BK The Future (Whales, Dolphins, and Porpoises)
Author-Photographer
NG Bowhead Whales. 114-129, Aug
Photographer
NG Sperm Whales. 56-73, Nov

NILE RIVER AND VALLEY, Africa:
🌐 Egypt's Nile Valley. Jan

NOMADS. *See* Nenets

NORFOLK, Virginia:
WD Dive Into Nauticus. 2-6, Dec

NORMAN, GEOFFREY: *Author*
NG The Cherokee. 72-97, May

NORQUAY, SCOTT:
NG Waterspouts. Geographica, Dec

NORRIS, KENNETH S.: *Author*
BK The Past (Whales, Dolphins, and Porpoises)

NORTH AMERICA:
BK Animal Kingdoms
BK Atlas of the World
BK National Parks of North America
BK Wild Animals of North America
See also Canada; Mexico; United States; *and* Central America; West Indies

NORTH AMERICAN FREE TRADE AGREEMENT (NAFTA):
NG Bird kill. Earth Almanac, Oct

NORTH CAROLINA:
NG The Cherokee. 72-97, May
NG North Carolina's Piedmont: On a Fast Break. 114-138, Mar

NORTHERN TERRITORY, Australia:
TR Journey Into Dreamtime. 42-57, Jan/Feb
NG Outback caterpillars. Earth Almanac, Jan

NORTHRIDGE EARTHQUAKE:
NG Living With California's Faults. 2-35, Apr

NORWAY:
TR Oslo. 56-69, Jul/Aug
WD Troll Trouble. 28-30, Dec

NOTOTHENIOIDS:
NG Fish antifreeze. Geographica, Jun

NOUABALE-NDOKI NATIONAL PARK, Congo:
NG Ndoki. 2-45, Jul

NOWAK, RONALD M.: *Author*
BK Animals for All Seasons (Wild Animals of North America)
BK Ultimate Mammal (Wild Animals of North America)

NUCLEAR WEAPONS:
NG Hiroshima. 78-101, Aug

NURSE SHARKS:
NG Nurse Sharks. 44-53, May
NG A Savage Kind of Love. On Television, Jun

— O —

OAHU, Hawaii:
🌐 Hawaii. Sep
NG *Hoga.* Geographica, Dec

OAXACA (state), Mexico:
NG Huautla Cave Quest. 78-93, Sep

OCEANOGRAPHY:
NG Robotuna. Geographica, Jul

OCEANS:
NG Diminishing Returns: Exploiting the Ocean's Bounty. 2-37, Nov
BK Atlas of the World
See also Marine Biology; Marine Pollution

OHANIAN, BERNARD: *Author*
NG Living a Dream on the Islands of Puget Sound. 106-130, Jun

OHIO. *See* Holmes County

OIL INDUSTRY:
NG Oman. 112-138, May
NG Russian oil spill. Earth Almanac, Apr

OKAVANGO DELTA, Botswana:
TR Safari to Botswana. 78-95, Nov/Dec

OKLAHOMA:
NG The Cherokee. 72-97, May

O'KON, JAMES:
NG Maya bridge. Geographica, Oct

OLD-GROWTH FORESTS:
NG Marbled murrelets. Earth Almanac, Apr

OLD KINGDOM:
NG Egypt's Old Kingdom. 2-43, Jan

OLIVE BABOONS:
NG Dominant baboons' reproductive woes. Geographica, May

OLIVERA, MANUEL:
NG Three Years Across the Arctic. 120-138, Jan

OLSENIUS, RICHARD:
Photographer
NG Living a Dream on the Islands of Puget Sound. 106-130, Jun
BK Heritage of the North (Canada's Spectacular National Parks)

OLSON, RANDY: *Photographer*
NG Earth Day. 123-138, Apr
TR Amana Colonies. 70-77, Jul/Aug

OLYMPIC TRAINING CENTER, Lake Placid, New York:
WD Sizzlin' on Skates. 3-5, Jan

OMAN:
NG Oman. 112-138, May

ON TOUR (NGS travel program):
NG Geographic On Tour. Behind the Scenes, Sep

O'NEILL, THOMAS: *Author*
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun

ORANGUTANS:
NG Infected pet orangutans. Earth Almanac, Jun

OREGON:
TR On Oregon's Coast. 78-93, Jul/Aug
NG Port Orford cedars. Earth Almanac, Jun

ORGAN PIPE CACTUS NATIONAL MONUMENT, Arizona:
TR America's National Monuments. 40-53, Mar/Apr

ORGANIC FARMING:
NG A Farming Revolution: Sustainable Agriculture. 60-89, Dec
NG Organic farming. Geoguide, Dec

ORION (constellation):
NG Orion. 90-101, Dec
🌐 Orion/The Heavens. Dec

ORLÉANS, Île d', Quebec, Canada:
TR Quebec City. 86-102, Mar/Apr

OSLO, Norway:
TR Oslo. 56-69, Jul/Aug

OTOLITHS:
NG Fish otoliths. Earth Almanac, Oct

OTT, NANCY LEE: *Author*
WD Please Pay the Pup. 11-12, Dec
WD Albatross. 10, Nov
WD Heads Up! 31, Jul
WD Educating Edgar. 8-9, May

OTTERS:
NG The Fragile Recovery of California Sea Otters. 42-61, Jun
BK Wild Animals of North America

OXFORD, England:
NG Oxford. 114-137, Nov

OZ, FRANK:
WD Putting the Indian in the Cupboard. 33-35, Aug

OZONE:
NG Bakery emissions. Earth Almanac, Sep

— P —

PACKER, CRAIG:
NG Dominant baboons' reproductive woes. Geographica, May

PAGE, JAKE: *Author*
TR Havasu Canyon: A Desert Shangri-la. 60-69, May/Jun

PAINTING:
NG Wartime "Mona Lisa." Geographica, Aug
See also Murals

PALAU:
NG Palau independence. Geographica, Jun

PALERMO, Sicily:
NG Sicily: Italy Apart. 2-35, Aug

PALESTINIANS:
NG Israel's Galilee. 62-87, Jun

PALM TREES:
NG Seychelles palms. Earth Almanac, Oct

PAN AMERICAN HIGHWAY:
NG Darién. Earth Almanac, Sep

PAN WENSHI:
TV Secrets of the Wild Panda
VI Secrets of the Wild Panda *Author*
NG New Hope for China's Giant Pandas. 100-115, Feb

PANAMA:
NG Darién. Earth Almanac, Sep

PANDAS. *See* Giant Pandas; Red Pandas

PANTANAL, South America:
NG Wetland at risk. Earth Almanac, May

PARADISO, JOHN L.: *Author*
BK Shrews & Moles (Wild Animals of North America)

PARAGUAY RIVER, South America:
NG Wetland at risk. Earth Almanac, May

PARANÁ RIVER, South America:
NG Wetland at risk. Earth Almanac, May

PARASITES:
NG Fungi. Geographica, Sep

PARFIT, MICHAEL: *Author*
NG Diminishing Returns: Exploiting the Ocean's Bounty. 2-37, Nov

PASACHOFF, JAY M.: *Author:*
BK The Heavens (Atlas of the World)

PAYNE, OLIVER: *Author*
NG Koalas. 36-59, Apr
BK Dynamic Earth (Atlas of the World)

PAZYRYK MUMMY:
NG Siberian mummy. Geographica, Jan

PEARL HARBOR, Oahu, Hawaii:
NG *Hoga.* Geographica, Dec

PECHE, RAFAEL:
NG Three Years Across the Arctic. 120-138, Jan

PECHORA RIVER, Russia:
NG Russian oil spill. Earth Almanac, Apr

PENNSYLVANIA:
NG Amish quilts. Geographica, Nov

PERKINS, ROSCOE W.:
NG Postcards. Flashback, Sep

PERU:
NG The Amazon. 2-39, Feb

PESTICIDES:
NG A Farming Revolution: Sustainable Agriculture. 60-89, Dec
NG Gypsy moth controls. Earth Almanac, Nov

PETERS' TENT-MAKING BAT:
NG Bat umbrellas. Earth Almanac, Dec

PETS:
WD Please Pay the Pup. 11-12, Dec
WD Superfun pullout. Jan
NG Infected pet orangutans. Earth Almanac, Jun
NG Box turtle exports. Earth Almanac, Jan

PHEROMONES:
NG Ant queens. Earth Almanac, Mar

PHOTOGRAPH COLLECTION:
NG NGS Image Collection. Behind the Scenes, Aug

PHOTOGRAPHY:
NG Reel to Real. 58-77, Aug
NG Chimpanzee photo. Behind the Scenes, Nov
NG *The Photographers.* On Television, Aug
NG Cinema centenary. Geographica, Apr

PHOTOGRAPHY CONTESTS:
TR Travel Memories. 34-40, Jan/Feb
WD Photo Contest Winners. 21-23, Feb

PHYSICS. *See* Astronomy; Gravity

PIEDMONT PLATEAU, U. S.:
NG North Carolina's Piedmont: On a Fast Break. 114-138, Mar

PIGS:
NG Did pigs help ancient people settle down? Geographica, Mar

PILANESBERG NATIONAL PARK, South Africa:
NG Rhino deaths. Earth Almanac, May

PINNEO, JOANNA B.: *Photographer*
NG The Basques. 74-97, Nov

PIPELINES:
WD Leak-Sniffing Dogs. 7-10, Mar
NG Russian oil spill. Earth Almanac, Apr

PISCATAQUA RIVER, Maine-New Hampshire:
NG Lobster windfall. Earth Almanac, Jul

PIZZEY, GRAHAM: *Author*
BK Australia (Animal Kingdoms)

PLACE-NAMES:
NG Longest place-names. Geographica, Aug

PLAINS INDIANS:
NG Spanish mustangs. Geographica, Dec

PLANKTON:
NG Berserk birds. Earth Almanac, Dec

PLANT DISEASES:
NG Port Orford cedars. Earth Almanac, Jun

PLANTATIONS:
TR Richmond. 84-95, May/Jun

PLASTICS:
WD Supersize, Jun

PLATE TECTONICS:
NG Living With California's Faults. 2-35, Apr
Earthquakes. Apr
BK Atlas of the World

POACHING:
NG Galápagos troubles. Earth Almanac, Aug
NG Dead or missing bull elephants. Earth Almanac, Jul
NG Lobster windfall. Earth Almanac, Jul
NG Salmon poacher caught. Earth Almanac, Jan

POISON-DART FROGS:
NG Poison-Dart Frogs. 98-111, May

POLAND:
TR Eternal Poland. 54-74, Mar/Apr
NG Carvings preserve Polish synagogues. Geographica, May

POLAR BEARS:
NG Binky the bear. Earth Almanac, Mar

POLLINATION:
NG Sphinx moths. Earth Almanac, Oct

POLLUTION:
WD Kids Investigate! Pullout, Oct
WD Science sleuths. Supplement, Apr
See also Air Pollution; Marine Pollution; Toxic Pollution; Water Pollution

POLLUTION CONTROL:
NG Bakery emissions. Earth Almanac, Sep
NG Pollution watchdog. Earth Almanac, Mar

POLYNESIANS:
Hawaii. Sep

PONIES. *See* Mustangs

PONTING, HERBERT G.:
NG Antarctic show. Flashback, Oct

PORPOISES:
BK Whales, Dolphins, and Porpoises

PORT ORFORD CEDARS:
NG Cedars. Earth Almanac, Jun

PORTSMOUTH, New Hampshire:
NG Lobster windfall. Earth Almanac, Jul

PORTUGAL:
TR Portugal Inn to Inn. 68-81, Sep/Oct

POSTAGE STAMPS:
NG Crane stamps. Geographica, Apr

POSTCARDS:
NG Postcards. Flashback, Sep

POWER PLANTS:
NG Lobster windfall. Earth Almanac, Jul

PRAIRIES:
TR In the Heart of the Prairies. 96-106, May/Jun
NG Fire and Thunder. On Television, Jun

PRATT, HAROLD L., JR.: *Author*
NG Nurse Sharks. 44-53, May

PRE-COLUMBIAN CIVILIZATIONS:
NG Chile's Chinchorro Mummies. 68-89, Mar
See also Maya; Teotihuacan

PRESIDENTS OF THE U. S.:
BK The White House: An Historic Guide

PROCESSIONARY CATERPILLARS:
NG Outback caterpillars. Earth Almanac, Jan

PROVENCE, France:
NG Essence of Provence. 52-77, Sep

PSIHOYOS, LOUIE:
NG On Assignment, Oct *Photographer*
NG Information Revolution. 5-37, Oct

PUERTO RICO:
NG Coquí frogs. Earth Almanac, Feb

PUGET SOUND, Washington:
NG Living a Dream on the Islands of Puget Sound. 106-130, Jun

PUPPETS:
WD Video Wizards. 6, Nov

PYGMIES:
NG Ndoki. 2-45, Jul

PYGMY SPERM WHALES:
WD Whale Rescue. 24-25, Feb

PYRAMIDS:
NG Teotihuacan. 2-35, Dec
NG Egypt's Old Kingdom. 2-43, Jan

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QABOOS BIN SAID AL SAID, Sultan (Oman):
NG Oman. 112-138, May

QIN LING (mountains), China:
NG New Hope for China's Giant Pandas. 100-115, Feb
NG Secrets of the Wild Panda. On Television, Apr

QUEBEC (province), Canada:
TR Quebec City. 86-102, Mar/Apr
BK Exploring Canada's Spectacular National Parks
NG Canada commemorates immigrants. Geographica, Jan

QUEEN CHARLOTTE ISLANDS, British Columbia, Canada:
BK Exploring Canada's Spectacular National Parks

QUEENSLAND, Australia:
NG Koalas. 36-59, Apr

QUETZALS:
WD Quetzal. 27-29, Jun

QUILTS AND QUILTING:
NG Amish quilts. Geographica, Nov

QUINTANA ROO, Mexico:
WD Adventures in Mexico. 32-35, Nov

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RABBITS:
BK Wild Animals of North America

RADIOTELEMETRY:
WD Quetzal. 27-29, Jun
NG Salmon poacher caught. Earth Almanac, Jan

RAILROADS:
TR Coast to Coast With the *Sunset Limited.* 96-107, Nov/Dec
WD "The Great Indian Railway." Supersize, May
TV The Great Indian Railway
NG The Great Indian Railway. On Television, May

RAILS (birds):
NG Guam rails. Earth Almanac, Sep

RAIN FORESTS:
Temperate
NG Marbled murrelets. Earth Almanac, Apr
Tropical
NG Ndoki. 2-45, Jul
NG The Harpy Eagle. 40-49, Feb
WD Treetop Traffic. 34-35, Jan
NG Coquí frogs. Earth Almanac, Feb

RAMSAY, CYNTHIA RUSS: *Author*
BK Atlantic Outposts (Canada's Spectacular National Parks)

RAMSEY CANYON LEOPARD FROGS:
NG Leopard frogs. Earth Almanac, Dec

RANGE, PETER ROSS: *Author*
NG Oman. 112-138, May

RANGOON, Burma:
NG Burma. 70-97, Jul

RAWLS, THOMAS H.: *Author*
TR Amana Colonies. 70-77, Jul/Aug

RAY, MARY LYN:
NG Earth Day. 123-138, Apr

REALLY WILD ANIMALS (television series):
NG *Really Wild Animals.* On Television, Sep

RECYCLING:
WD Kids Investigate! Pullout, Oct
WD Don't Trash It! Superfun pullout, Aug
WD Supersize, Jun
WD Eco-Living. 22-24, 33-35, Apr
WD Science sleuths. Supplement, Apr
WD A World of Technology. 4-5, Apr
NG Recycled disks. Earth Almanac, Dec

RED CENTRE (region), Australia:
TR Journey Into Dreamtime. 42-57, Jan/Feb

RED PANDAS:
WD Red Panda. 30-31, Feb

RED WOLVES:
NG Red wolves. Earth Almanac, Oct

REID, T. R.: *Author*
NG Tokyo Fish Market. 38-55, Nov
NG Kobe Wakes to a Nightmare. 112-136, Jul

RELIGIOUS CEREMONIES AND FESTIVALS:
NG The African Roots of Voodoo. 102-113, Aug

RENNICKE, JEFF: *Author*
TR Rafting the Rio Grande. 106-115, Mar/Apr
BK Heritage of the North (Canada's Spectacular National Parks)

REPTILES. *See* Lizards; Snakes; Turtles

RESSMEYER, ROGER H.: *Photographer*
NG Living With California's Faults. 2-35, Apr

RESTON, JAMES, JR.: *Author*
NG Orion. 90-101, Dec

RETTIG, NEIL: *Author-Photographer*
NG The Harpy Eagle. 40-49, Feb

RHINE RIVER, Europe:
TR Rhine Journey. 40-59, May/Jun

RHINOCEROSES:
NG Rhino deaths. Earth Almanac, May

RHYTHMIC GYMNASTICS:
WD Rhythm and Skill. 23-27, Oct

RICHARDSON, JIM:
NG On Assignment, Dec *Photographer*
NG A Farming Revolution: Sustainable Agriculture. 60-89, Dec

RICHMOND, Virginia:
TR Richmond. 84-95, May/Jun

RICKMAN, RICK: *Photographer*
TR Havasu Canyon: A Desert Shangri-la. 60-69, May/Jun

RINARD, JUDITH E.: *Author*
WD Desert Park. 24-27, Dec
WD Kid Detectives. 32-35, Jun
WD Volcanoes. 6-9, Feb

RIO GRANDE, U. S.-Mexico:
TR Rafting the Rio Grande. 106-115, Mar/Apr

RIVER RESTORATION. *See* Anacostia River

RIVER TRIPS:
TR Rhine Journey. 40-59, May/Jun
TR Rafting the Rio Grande. 106-115, Mar/Apr

ROBERTS, DAVID:
NG On Assignment, Jan *Author*
NG Egypt's Old Kingdom. 2-43, Jan

ROBOTS:
NG Robotuna. Geographica, Jul

ROCKWELL, TOM:
NG Dwarf mammoth. Geographica, Jan

ROCKY MOUNTAINS, Canada-U. S.:
NG Banff. 46-69, Jul
NG Mountain Goats. 102-121, Apr
Heart of the Rockies. Jul
BK Exploring Canada's Spectacular National Parks

ROMAN EMPIRE:
NG Brindisi Bronzes. 88-101, Apr
NG Aphrodisias frieze. Geographica, Nov
NG Ancient lead pollution. Earth Almanac, Jun

ROMANIA:
NG Romanian cave life. Geographica, Oct

ROME, Italy:
TR Rome. 50-69, Nov/Dec
WD Eyes on Rome. 26-30, Jul

ROOSEVELT, FRANKLIN D.:
NG Blueprints for Victory. 55-71, May

ROPE CLIMBING:
WD Learning the Ropes. 22-24, Aug

ROSEATE SPOONBILLS:
NG Spoonbills. Earth Almanac, Jun

ROSENBERG, MICHAEL:
NG Did pigs help ancient people settle down? Geographica, Mar

ROTA ISLAND, Mariana Islands:
NG Guam rails. Earth Almanac, Sep

ROYTE, ELIZABETH: *Author*
NG Hawaii's Vanishing Species. 2-37, Sep

RUBIES:
WD Rubies & Sapphires. 10-12, May

RUSSIA:
NG Nomads. Geographica, Sep
NG Russian oil spill. Earth Almanac, Apr
NG Siberian mummy. Geographica, Jan

RWANDA:
NG Mountain Gorillas. 58-83, Oct
NG Rwandan boy. Behind the Scenes, Oct

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SACHA, BOB:
NG On Assignment, Jan *Photographer*
NG New Orleans. 90-119, Jan

SAFARIS:
TR Safari to Botswana. 78-95, Nov/Dec

SAGUARO NATIONAL PARK, Arizona:
WD Desert Park. 24-27, Dec

SAIGON, Vietnam:
NG The New Saigon. 60-87, Apr

ST. LOUIS, Missouri:
TR Garden With a Global Flair. 60-66, Jan/Feb

SAJEWSKI, LISE: *Author*
WD Hanging Out With Bats. 7-11, Oct

SALALA, ISSA:
TV The New Chimpanzees

SALMON:
NG Foiling seals. Earth Almanac, Sep
NG Sea lions face drastic controls. Earth Almanac, Feb
NG Salmon poacher caught. Earth Almanac, Jan

SALOPEK, PAUL F.: *Author*
NG Mountain Gorillas. 58-83, Oct

SAN ANDREAS FAULT:
NG Living With California's Faults. 2-35, Apr
Earthquakes. Apr

SAN FRANCISCO, California:
TR San Francisco. 68-87, Jan/Feb

SAN JUAN ISLANDS, Washington:
NG Living a Dream on the Islands of Puget Sound. 106-130, Jun

SAN XAVIER DEL BAC, Arizona:
NG Desert Mission. 52-59, Dec

SANDSHOEING:
WD Sandshoeing. 2-3, Jun

SANTA ROSA ISLAND, California:
NG Dwarf mammoth. Geographica, Jan

SAO LA:
NG New Asian mammal. Geographica, Jan

SAPPHIRES:
WD Rubies & Sapphires. 10-12, May

SARTORE, JOEL: *Photographer*
NG Dead or Alive: The Endangered Species Act. 2-41, Mar

SASKATCHEWAN, Canada:
TR In the Heart of the Prairies. 96-106, May/Jun

SATELLITE IMAGES:
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun
BK Atlas of the World

SAUSAGE TREES:
NG Sausage tree fights cancer. Geographica, Aug

SCENIC HIGHWAYS:
TR The White Mountains. 82-91, Sep/Oct
TR Vast Alaska. 72-83, May/Jun
TR Sawtooth Loop. 88-97, Jan/Feb

BK National Geographic's Guide to Scenic Highways and Byways

SCHALLER, GEORGE B.: *Author*
NG Gentle Gorillas, Turbulent Times. 65-71, Oct

SCHEFFER, VICTOR B.: *Author*
BK Whales Great & Small (Wild Animals of North America)

SCHERMEISTER, PHIL: *Photographer*
TR Coast to Coast With the *Sunset Limited*. 96-107, Nov/Dec
TR On Oregon's Coast. 78-93, Jul/Aug

SCHWARZ, MICHAEL: *Photographer*
TR Richmond. 84-95, May/Jun

SCISSORS:
NG Scissors factory. Behind the Scenes, Nov

SCULPTURE:
WD Hay Bale Art. 14, Sep
NG Aphrodisias frieze. Geographica, Nov

SEA LIONS:
NG Sea lions face drastic controls. Earth Almanac, Feb

SEA OTTERS:
NG The Fragile Recovery of California Sea Otters. 42-61, Jun

SEA PEARLS (plant):
NG Sea pearls. Earth Almanac, Apr

SEALS:
BK Wild Animals of North America
NG Foiling seals. Earth Almanac, Sep
NG Namibia's seal deaths. Earth Almanac, May

SERENGETI NATIONAL PARK, Tanzania:
NG Lions perish from virus. Earth Almanac, Jan

SERVALS:
WD Serval Cats. 25-29, Sep

SEYCHELLES:
NG Aldabra. 90-113, Mar
NG Palms. Earth Almanac, Oct

SHAANXI PROVINCE, China:
NG New Hope for China's Giant Pandas. 100-115, Feb

SHARKS:
NG Nurse Sharks. 44-53, May
NG Gray Reef Sharks. 45-67, Jan
TV Great White Shark
VI Hunt for the Great White Shark
NG Basking sharks. Earth Almanac, Nov
NG A Savage Kind of Love. On Television, Jun
NG Great White Shark. On Television, Mar

SHAW, NED: *Artist*
WD Pets. Superfun pullout, Jan

SHINY LIZARDS:
NG Missing lizard species found. Geographica, Aug

SHIPWRECKS:
NG *Vasa* shipwreck victims. Geographica, May
NG Slave-ship relics. Geographica, Feb

SHOES. *See* Sneakers

SHUPE, JOHN F.: *Author*
NG Blueprints for Victory. 55-71, May

SIAN KA'AN BIOSPHERE RESERVE, Quintana Roo, Mexico:
WD Adventures in Mexico. 32-35, Nov

SIBERIA, Kazakstan-Russia. *See* Nenets; Pazyryk Mummy

SICILY, Italy:
NG Sicily: Italy Apart. 2-35, Aug

SIERRA NEVADA, California:
NG Drought. Geographica, Apr

SILVA RESERVOIR, Guanajuato, Mexico:
NG Bird kill. Earth Almanac, Oct

SILVER:
NG Ancient lead pollution. Earth Almanac, Jun

SKATING:
WD Cool Moves on the Ice. 2-5, Nov
WD Sizzlin' on Skates. 3-5, Jan

SKILES, WES: *Photographer*
NG Huautla Cave Quest. 78-93, Sep

SKY CHARTS. *See* Star Charts

SLAVERY:
NG Slave-ship relics. Geographica, Feb

SLEDS:
WD All Aboard Cardboard! 26-29, Feb

SLOAN, CHRISTOPHER:
NG On Assignment, Jan

SMITH, ANNICK: *Author*
TR Sawtooth Loop. 88-97, Jan/Feb

SMITH, ANTHONY: *Author*
BK Africa (Animal Kingdoms)

SMITH, BRADFORD A.: *Author*
BK The Solar System (Atlas of the World)

SNAKES:
NG Guam rails. Earth Almanac, Sep

SNEAKERS:
NG Light-up sneakers. Earth Almanac, Feb

SNOWBOARDING:
WD Snowboard Team. 7-10, Dec

SOLAR ENERGY:
WD Science sleuths. Supplement, Apr
WD A World of Technology. 4-5, Apr

SOLAR SYSTEM:
BK Atlas of the World

SONORAN DESERT, Mexico-U. S.:
WD Desert Park. 24-27, Dec
NG Eagles. Earth Almanac, Dec

SOUTH AFRICA:
NG African plants besieged. Earth Almanac, Aug
NG Rhino deaths. Earth Almanac, May

SOUTH AMERICA:
NG Poison-Dart Frogs. 98-111, May
NG The Amazon. 2-39, Feb
BK Animal Kingdoms
BK Atlas of the World
See also Chile; Ecuador; Guyana; *and* Pantanal

SOUTH AUSTRALIA, Australia:
NG Giant Cuttlefish. 94-107, Sep

SOUTH CAROLINA:
TR South Carolina's Freshwater Coast. 76-84, Mar/Apr

SOUTH CARVER, Massachusetts:
NG Bog refuges. Earth Almanac, Nov

SOUTHEAST ASIA:
NG Burma. 70-97, Jul
NG The New Saigon. 60-87, Apr
WD Komodo Dragons. 15-18, Nov
WD Treasures in Thailand. 2-6, Oct
NG Scissors factory. Behind the Scenes, Nov
NG New Asian mammal. Geographica, Jan

SOUZA, PETE: *Photographer*
NG North Carolina's Piedmont: On a Fast Break. 114-138, Mar

SPAIN:
NG The Basques. 74-97, Nov

SPERM WHALES:
NG Sperm Whales. 56-73, Nov

SPOONBILLS:
NG Spoonbills. Earth Almanac, Jun

SPORTS. *See* Bankshot; Baseball; Basketball; Gymnastics; Ice-skating; Sandshoeing; Snowboarding

SQUIRRELS:
NG Squirrels. 98-113, Nov
NG Flashback, Nov

STANFIELD, JAMES L.:
NG On Assignment, May *Photographer*
NG Tokyo Fish Market. 38-55, Nov
NG Fiji. 114-137, Oct
NG Oman. 112-138, May
NG The Vimy Flies Again. 2-43, May

STANFORD, CRAIG:
TV The New Chimpanzees

STAR CHARTS:
- Orion/The Heavens. Dec
- BK Atlas of the World

STEAM LOCOMOTIVES:
- NG The Great Indian Railway. On Television, May

STEBER, MAGGIE: *Photographer*
- NG The Cherokee. 72-97, May
- TR Jamaica. 92-107, Sep/Oct

STEELHEAD SALMON:
- NG Sea lions face drastic controls. Earth Almanac, Feb

STEINMETZ, GEORGE: *Photographer*
- TR The Real Maui. 34-49, Nov/Dec
- TR San Francisco. 68-87, Jan/Feb

STERN, DOUG: *Computer Reconstructions*
- NG Bonampak. 50-69, Feb

STONE FLIES:
- NG Insect wings. Earth Almanac, Nov

STONE, WILLIAM C.: *Author-Photographer*
- NG Huautla Cave Quest. 78-93, Sep

STORMS. *See* Cyclones; Hurricanes; Tornadoes

STRAUSS, LEVI:
- WD The Jeans Scene. 2-5, Feb

STRIPED BASS:
- NG Fish otoliths. Earth Almanac, Oct

STUART, GEORGE E.: *Author*
- NG Teotihuacan. 2-35, Dec

SUMMERS, DIANE:
- NG Magical honey? Behind the Scenes, Aug

SUN:
- NG Rhythms of Life. On Television, Dec

SUNQUIST, FIONA: *Author*
- WD Komodo Dragons. 15-18, Nov

SUNSET LIMITED (train):
- TR Coast to Coast With the *Sunset Limited.* 96-107, Nov/Dec

SUPAI, Arizona:
- TR Havasu Canyon: A Desert Shangri-la. 60-69, May/Jun

SUSTAINABLE AGRICULTURE:
- NG A Farming Revolution: Sustainable Agriculture. 60-89, Dec
- NG Geoguide, Dec

SWEDEN:
- WD Kid Detectives. 32-35, Jun
- NG *Vasa* shipwreck victims. Geographica, May

SWERDLOW, JOEL L.:
- NG On Assignment, Oct
- NG On Assignment, Jul *Author*
- NG Information Revolution. 5-37, Oct
- NG Burma. 70-97, Jul
- NG Quiet Miracles of the Brain. 2-41, Jun

SYNAGOGUES:
- NG Carvings preserve Polish synagogues. Geographica, May

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TAÏ FOREST, Côte d'Ivoire:
- TV The New Chimpanzees

TAIWAN:
- NG Infected pet orangutans. Earth Almanac, Jun

TANZANIA:
- TV The New Chimpanzees
- NG Masai diet. Geographica, Oct
- NG Lions perish from virus. Earth Almanac, Jan

TARPY, CLIFF: *Author*
- BK Asia (Atlas of the World)

TATRA MOUNTAINS, Poland-Slovakia:
- TR Eternal Poland. 54-74, Mar/Apr

TAYLOR, MEDFORD: *Photographer*
- TR The White Mountains. 82-91, Sep/Oct

TEACHER GRANT PROGRAM, National Geographic Society Education Foundation:
- NG Teacher Grant Program. Foundation Page, Apr

TEAR-DRINKING MOTHS:
- NG Tear-drinking moth. Geographica, Nov

TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY: *Computer Images*
- NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun

TECHNOLOGY. *See* Computer Applications; Telecommunications

TECTONIC FORCES:
- NG Living With California's Faults. 2-35, Apr
- Earthquakes. Apr
- BK Atlas of the World

TEICHROEW, JEAN KAPLAN: *Author*
- WD Red Panda. 30-31, Feb

TEJADA-FLORES, LITO: *Author*
- TR Quebec City. 86-102, Mar/Apr

TELECOMMUNICATIONS:
- NG Information Revolution. 5-37, Oct
- WD Information Explosion. 28-30, Oct
- NG "Telemedicine." Geographica, Nov

TELESCOPES:
- NG Orion. 90-101, Dec

TELEVISION FILMS, NGS:
- TV 30 Years of National Geographic Specials
- VI 30 Years of National Geographic Specials
- NG 30 Years of National Geographic Specials. On Television, Jan

TEOTIHUACAN, Mexico State, Mexico:
- NG Teotihuacan. 2-35, Dec

TETON RANGE, Wyoming. *See* Grand Teton National Park

TEXAS:
- TR Austin. 56-67, Sep/Oct

THAILAND:
- WD Treasures in Thailand. 2-6, Oct

THATCHING:
- NG Thatch roofs. Geographica, Mar

THIESSEN, MARK: *Photographer*
- TR A White House Christmas. 70-74, Nov/Dec

TIDE POOLS:
- NG Oregon tide pool. Geographica, Mar

TIGERS:
- WD WORLDcards, Dec

TIME:
- WD Time Travel. 30-33, Mar

TOGO:
- NG The African Roots of Voodoo. 102-113, Aug

TOKYO, Japan:
- NG Tokyo Fish Market. 38-55, Nov

TOMASZEWSKI, TOMASZ:
- NG On Assignment, Sep *Photographer*
- NG El Salvador. 108-131, Sep

TONGUES:
- NG Tongues. Geographica, Sep

TORNADOES:
- TV Cyclone!
- VI Nature's Fury!
- BK Raging Forces
- NG Waterspouts. Geographica, Dec
- NG Cyclone! On Television, Nov

TORTILLA PROJECT:
- NG Tortillas. Geographica, Sep

TORTOISES:
- NG New tortoise. Earth Almanac, Aug

TOURTELLOT, JONATHAN B.: *Author*
- TR The Real Maui. 34-49, Nov/Dec

TOXIC POLLUTION:
- NG Ancient lead pollution. Earth Almanac, Jun
- NG Light-up sneakers. Earth Almanac, Feb

TRAINS:
- TR Coast to Coast With the *Sunset Limited.* 96-107, Nov/Dec
- WD "The Great Indian Railway." Supersize, May

TV The Great Indian Railway
NG The Great Indian Railway. On Television, May

TRASH:
WD Kids Investigate! Pullout, Oct
WD Don't Trash It! Superfun pullout, Aug

TRAVEL-MATES (geography education project):
NG Travel-mates. Behind the Scenes, Sep

TREE FROGS:
NG Poison-Dart Frogs. 98-111, May

TREES. *See* Cedars; Palm Trees; *and* Forest Fires; Rain Forests

TROLLS:
WD Troll Trouble. 28-30, Dec

TRUMAN, HARRY S.:
NG Blueprints for Victory. 55-71, May

TSUKIJI FISH MARKET, Tokyo, Japan:
NG Tokyo Fish Market. 38-55, Nov

TUCSON, Arizona:
WD Desert Park. 24-27, Dec

TUGBOATS:
NG *Hoga.* Geographica, Dec

TURKANA BASIN, Ethiopia-Kenya:
NG The Farthest Horizon. 38-51, Sep

TURKEY:
NG Aphrodisias frieze. Geographica, Nov

TURTLES:
NG New tortoise. Earth Almanac, Aug
NG Box turtle exports. Earth Almanac, Jan

TUTTLE, MERLIN D.:
NG On Assignment, Aug *Author*
BK Bats (Wild Animals of North America) *Author-Photographer*
NG North American Bats. 36-57, Aug

TWINS:
NG Romantic attitudes. Geographica, Feb

TYPHOONS:
TV Cyclone!

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UHLENBROEK, CHARLOTTE:
TV The New Chimpanzees

ULURU-KATA TJUTA NATIONAL PARK, Northern Territory, Australia:
TR Journey Into Dreamtime. 42-57, Jan/Feb

UNGULATES:
BK Wild Animals of North America

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND:
NG Saving Britain's Shore. 38-57, Oct
See also England

UNITED STATES:
NG A Farming Revolution: Sustainable Agriculture. 60-89, Dec
NG Earth Day. 123-138, Apr
NG Dead or Alive: The Endangered Species Act. 2-41, Mar
⊕ Heart of the Rockies. Jul
TR Coast to Coast With the *Sunset Limited.* 96-107, Nov/Dec
TR America's National Monuments. 40-53, Mar/Apr
BK Enduring America
BK National Geographic's Guide to Scenic Highways and Byways
BK National Parks of North America
BK Raging Forces

U. S. ENVIRONMENTAL PROTECTION AGENCY:
WD Don't Trash It! Superfun pullout, Aug

U. S. NAVY:
NG Navy dolphins. Earth Almanac, Apr

UNIVERSE:
WD Gravity. 27-31, Nov
BK Atlas of the World
See also Star Charts

UNIVERSITY OF OXFORD, Oxford, England:
NG Oxford. 114-137, Nov

UPPSALA, Sweden:
WD Kid Detectives. 32-35, Jun

URQUHART, JENNIFER C.: *Author*
BK On the Trail of the Bison (Canada's Spectacular National Parks)

USUMACINTA RIVER, Guatemala-Mexico:
NG Maya bridge. Geographica, Oct

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VALLI, ERIC:
NG Magical honey? Behind the Scenes, Aug

VAN DYK, JERE: *Author*
NG The Amazon. 2-39, Feb

VANCOUVER ISLAND, British Columbia, Canada:
WD Town of Magical Murals. 6-10, Aug

VASA (ship):
NG *Vasa* shipwreck victims. Geographica, May

VAUGHAN, NORMAN D.:
NG Height of Courage: The Norman Vaughan Story. On Television, Jul

VAUGHAN, ROGER: *Author*
NG Fiji. 114-137, Oct

VAULTS:
NG Beetles eat vaults. Geographica, Apr

VEGETABLES:
NG Desert crops. Geographica, Sep

VEITZ, SHARON:
VI Keepers of the Wild

VENICE, Italy:
NG Venice. 73-99, Feb

VESILIND, PRIIT:
NG On Assignment, Jan *Author*
NG New Orleans. 90-119, Jan

VESSELS, JANE: *Author*
NG Sicily: Italy Apart. 2-35, Aug

VICKERS VIMY BIPLANE:
NG The Vimy Flies Again. 2-43, May
VI The Greatest Flight
NG Vimy flight. Geoguide, May
NG The Greatest Flight. On Television, Apr

VICTORIA, Australia:
NG Koalas. 36-59, Apr

VIDEOS:
WD Video Wizards. 6, Nov

VIETNAM:
NG The New Saigon. 60-87, Apr
NG Scissors factory. Behind the Scenes, Nov
NG New Asian mammal. Geographica, Jan

VIMY (biplane):
NG The Vimy Flies Again. 2-43, May
VI The Greatest Flight
NG Vimy flight. Geoguide, May
NG The Greatest Flight. On Television, Apr

VIRGINIA:
TR Richmond. 84-95, May/Jun
WD Dive Into Nauticus. 2-6, Dec

VIRUNGA MOUNTAINS, Africa:
NG Mountain Gorillas. 58-83, Oct

VIRUNGA NATIONAL PARK, Zaire:
NG Mountain gorilla deaths. Earth Almanac, Nov

VISTA VERDE RANCH, Clark, Colorado:
TR Roundup of Ranch Vacations. 46-53, Jul/Aug

VOLCANOES:
⊕ Hawaii. Sep
WD Volcanoes. 6-9, Feb
VI Nature's Fury!
BK Raging Forces

VOODOO:
NG The African Roots of Voodoo. 102-113, Aug

VU QUANG NATURE RESERVE, Vietnam:
NG New Asian mammal. Geographica, Jan

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WALL STREET, New York, New York:
NG Beetles eat vaults. Geographica, Apr

WALLABIES:
WD Supersize, Mar
WD Wallabies. 15-22, Mar

WARD, PATRICK: *Photographer*
TR Rhine Journey. 40-59, May/Jun

WASHINGTON:
NG Living a Dream on the Islands of Puget Sound. 106-130, Jun
See also Zillah

WASHINGTON, D. C.:
TR A White House Christmas. 70-74, Nov/Dec
BK The White House: An Historic Guide
NG Anacostia River. Earth Almanac, Sep
NG National Cathedral repair. Geographica, Jun

WATER POLLUTION:
NG Bird kill. Earth Almanac, Oct
NG Anacostia River. Earth Almanac, Sep
NG Cleaner powerboat engines. Earth Almanac, May
NG Aquaflyte golf balls. Earth Almanac, Mar

WATER RESOURCES:
WD Kids Investigate! Pullout, Oct
See also Oceans

WATERSPOUTS:
NG Waterspouts. Geographica, Dec

WEATHER:
TV Cyclone!
VI Nature's Fury!
BK Raging Forces
NG Cyclone! On Television, Nov
NG National Cathedral repair. Geographica, Jun

WEBB, ALEX: *Photographer*
NG The Amazon. 2-39, Feb

WEISS, EHRICH:
WD Houdini. 7-10, Jun

WENDY ROGERS MEMORIAL GRANT:
NG Teacher Grant Program. Foundation Page, Apr

WEST BANK:
NG Satellite Revelations: New Views of the Holy Land. 88-105, Jun

WEST INDIES:
TR Jamaica. 92-107, Sep/Oct
VI Jewels of the Caribbean Sea

WEST VIRGINIA:
NG Canaan Valley refuge. Earth Almanac, Apr

WEST WALKER RIVER, California:
NG Drought. Geographica, Apr

WESTERN AUSTRALIA, Australia:
NG Western Australian Wildflowers. 68-89, Jan

WESTERN FENCE LIZARDS:
NG Western fence lizards. Earth Almanac, May

WETLANDS:
NG Desert Aquarium. 85-97, Oct
See also Bogs; Pantanal

WETZEL, RALPH M.: *Author*
BK Armadillos (Wild Animals of North America)

WHALEN, HOWARD W.:
NG Iwo Jima photo. Geographica, Feb

WHALES:
NG Sperm Whales. 56-73, Nov
NG Bowhead Whales. 114-129, Aug
WD Whale Rescue. 24-25, Feb
BK Whales, Dolphins, and Porpoises
BK Wild Animals of North America

WHEAT GROWING:
NG Mule team. Flashback, Dec

WHEELER, LOLA:
NG Teacher Grant Program. Foundation Page, Apr

WHITE HOUSE, Washington, D. C.:
NG Blueprints for Victory. 55-71, May
TR A White House Christmas. 70-74, Nov/Dec
BK The White House: An Historic Guide

WHITE, MEL: *Author*
TR Coast to Coast With the *Sunset Limited.* 96-107, Nov/Dec
TR Belize. 98-111, Jan/Feb

WHITE MOUNTAINS, New Hampshire:
TR The White Mountains. 82-91, Sep/Oct

WHITE RHINOCEROSES:
NG Rhino deaths. Earth Almanac, May

WHITE SANDS NATIONAL MONUMENT, New Mexico:
TR America's National Monuments. 40-53, Mar/Apr

WHITE SHARKS. *See* Great White Sharks

WHITE-WATER RAFTING:
TR Rafting the Rio Grande. 106-115, Mar/Apr

WHITEHEAD, HAL: *Author*
NG Sperm Whales. 56-73, Nov
BK Deep Divers (Whales, Dolphins, and Porpoises)

WHITEHOUSE, MICHAEL:
VI Keepers of the Wild

WHOOPING CRANES:
NG Crane stamps. Geographica, Apr

WILD DOGS:
NG Africa's wild dogs. Earth Almanac, Jul

WILDFLOWERS:
NG Western Australian Wildflowers. 68-89, Jan

WILDLIFE INTRODUCTION:
BK Wild Animals of North America
NG African plants besieged. Earth Almanac, Aug

WILDLIFE REFUGES:
BK Animal Kingdoms
VI Keepers of the Wild
NG Bog refuges. Earth Almanac, Nov
See also National Parks

WILDLIFE REHABILITATION:
WD Whale Rescue. 24-25, Feb

WILDLIFE REINTRODUCTION:
NG The Fragile Recovery of California Sea Otters. 42-61, Jun
NG Red wolves. Earth Almanac, Oct
NG Condor survival. Earth Almanac, Aug
NG Spoonbills. Earth Almanac, Jun
See also Guam Rails

WILDLIFE TRADE:
NG Infected pet orangutans. Earth Almanac, Jun
NG Spoonbills. Earth Almanac, Jun
NG Box turtle exports. Earth Almanac, Jan

WILLIAMS, A. R.: *Author*
BK Tectonic Earth: Forces That Form the Land (Atlas of the World)

WILLS, WILLIAM JOHN:
NG Burke-Wills Australian trek. Geographica, Mar

WILSDON, CHRISTINA: *Author*
WD Wild Animals "Work Out." 2-5, Aug
WD The Jeans Scene. 2-5, Feb

WILSON, EDWARD O.: *Author:*
BK Habitable Earth (Atlas of the World)

WIND POWER:
WD A World of Technology. 4-5, Apr

WINE:
TR Rhine Journey. 40-59, May/Jun

WIXSON, CAROLYN L.: *Author*
TR A White House Christmas. 70-74, Nov/Dec

WOLINSKY, CARY:
Author-Photographer
NG Western Australian Wildflowers. 68-89, Jan
Photographer
NG Saving Britain's Shore. 38-57, Oct

WOLKOMIR, RICHARD: *Author*
NG The Fragile Recovery of California Sea Otters. 42-61, Jun

WOLVES:
NG Red wolves. Earth Almanac, Oct

WOOD BUFFALO NATIONAL PARK, Alberta-Northwest Territories, Canada:
BK Exploring Canada's Spectacular National Parks

WORLD:
Earthquakes. Apr
BK Atlas of the World
BK Raging Forces
See also Climate

WORLD WAR II:
NG Hiroshima. 78-101, Aug
NG Blueprints for Victory. 55-71, May
NG *Hoga.* Geographica, Dec
NG Squirrel dressed for the war effort. Flashback, Nov
NG War Code: Navajo. On Television, Oct
NG Wartime "Mona Lisa." Geographica, Aug
NG Iwo Jima photo. Geographica, Feb

WRANGHAM, RICHARD:
TV The New Chimpanzees

WÜRSIG, BERND: *Author*
BK Realm of Dolphins (Whales, Dolphins, and Porpoises)

WYOMING:
NG Grand Teton. 119-140, Feb
TR Autumn in Yellowstone. 38-55, Sep/Oct

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YAMAL PENINSULA, Tyumen Oblast, Russia:
NG Nomads. Geographica, Sep

YANGON, Burma:
NG Burma. 70-97, Jul

YAQUINA HEAD, Newport, Oregon:
NG Oregon tide pool. Geographica, Mar

YAXCHILAN, Chiapas, Mexico:
NG Maya bridge. Geographica, Oct

YEADON, DAVID: *Author*
TR Journey Into Dreamtime. 42-57, Jan/Feb

YELLOW MONGOOSES:
WD Meet the Mongoose. 30-31, Jun

YELLOWSTONE NATIONAL PARK, U. S.:
TR Autumn in Yellowstone. 38-55, Sep/Oct
VI Yellowstone: Realm of the Coyote

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