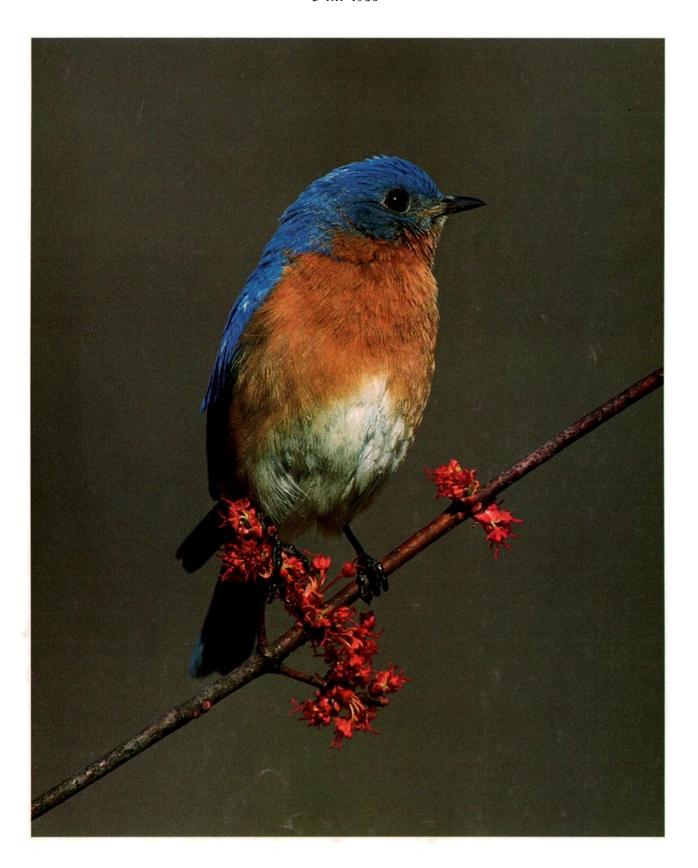
AMERICAN BIRDS

Fall 1988



american birds

Fall 1988 Vol. 42, No. 3

Peter A. A. Berle President and Publisher

Susan Roney Drennan Editor-in-Chief

Donna M. Pisacano Managing Editor

> Kenn Kaufman Associate Editor

Geoff LeBaron Christmas Bird Count Editor

Irene Connelly Administrative Assistant

Phyllis Lutyens Assistant to the Editor

J.P. Myers Special Projects Editor

Chandler S. Robbins Technical Editor

Aldeen and Willet T. Van Velzen Co-editors Breeding Bird Censuses

Calvin L. Cink and Roger L. Boyd Co-editors Winter Bird-Population Studies

ADVISORS

Carl E. Bock
Mary H. Clench
John Farrand, Jr.
Frank B. Gill
Thomas R. Howell
Frances C. James
Kenneth C. Parkes
Roger Tory Peterson
Olin Sewall Pettingill, Jr.
James V. Remsen
Joseph R. Siphron
Alexander Sprunt, IV
Glen E. Woolfenden
Dale A. Zimmerman

AMERICAN BIRDS is published five times a year. Editorial and business offices are located at 950 Third Avenue, New York, N.Y. 10022 (212) 546-9191. Subscriptions, all in U.S. \$: One year \$27.50, Two years \$50., Canada and Foreign \$32.50, Libraries and Institutions \$35. Single copies: Christmas (Bird Count) Issue \$15., Spring Issue (Autumn Migration), Summer Issue (Winter Season), Fall Issue (Spring Migration), Winter Issue (Nesting Season) all \$5.00 each. Checks and money orders in U.S. \$ only should be made payable to AMERICAN BIRDS. Second class postage paid at New York, N.Y. and additional Post Offices. Copyright © 1988 by The National Audubon Society.

Postmaster: Send address changes to AMERICAN BIRDS, 950 Third Avenue, New York, N.Y. 10022. ISSN 0004-7686.

. . . from the editor's desk

Throughout its history, birders, pundits, poseurs and a variety of editors have regaled *American Birds* with the subtle yet immutable substructure which is the basis of its cosmic order. Because an ounce of application is worth a ton of abstraction, we introduce in this issue a few new elements you will plainly perceive.

To our star-studded group of American Birds Advisors we warmly welcome a group of four who bring with them wide-ranging multidisciplinary interests, different slants, and often illuminating viewpoints: Glen E. Woolfenden, President of the American Ornithologists' Union, Graduate Research Professor of Biology at the University of South Florida, co-winner of the William Brewster Memorial Award for 1985, and co-author of The Florida Scrub Jay, Demography of a Cooperative-Breeding Bird; Frank B. Gill, Curator of Ornithology, Vice-President, Systematics and Evolutionary Biology at the Academy of Natural Sciences of Philadelphia, member of the A.O.U. Committee on Classification and Nomenclature, member of the Board of Directors of Hawk Mountain Sanctuary Association, Chairman of the American Birding Association Checklist Committee, and winner of the 1988 Eugene Eisenmann Medal of the Linnaean Society of New York; Joseph R. Siphron, member of the Board of Directors of the National Audubon Society, Chairman of the New York State Parks Birdlife Advisory Committee, Partner in the Milbank, Tweed, Hadley & McCloy law firm, and long-time member of the American Birding Association, the American Ornithologists' Union, the Cooper Ornithological Society, and the Wilson Ornithological Society; James Van Remsen, Associate Professor of Zoology in Louisiana State University's Department of Zoology and Physiology, Curator of Birds at the L.S.U. Museum of Natural Science, Fellow of the American Ornithologists' Union, and author of Feeding Ecology of Neotropical Kingfishers.

Each of these men has spent no small amount of time working to build bridges between amateurs and professionals and each respects the combined contributions of both. I believe that because they appreciate and respect the fundamental partnership between field birders and scientists, they enthusiastically accepted my invitation to further commit themselves to *American Birds*. Historically they have had a way of keeping me on my toes—sometimes in a spirit of wit and mischief, invariably as a gesture of fraternity, and always with grand style. We warmly welcome you, Glen, Frank, Joe, and Van with the confident prediction that this publication will continue to evolve and ripen with your increased involvement.

We initiate two new columns in this issue that span considerable latitude in topics covered.

"Facts, Inferences, and Shameless Speculations" will appear in future issues appositionally to a column written by you, the readers, in the form of letters to Pete Myers. This column will be called "Retorts, Reflections, and Thoughtful Refutations" (see page 352). This is your opportunity to react to the pivotal grist in his mill—your own cut-to-measure platform. Talk to us. After all, a person talking sense to himself is no madder than one talking nonsense to everyone else. Step up to your tailor-made podium. This Myers, he is to want more from!

Writers are the luckiest people because what they MUST do is the same as what they WANT to do. With Pete Dunne it is a happy union: we provide the climate and he furnishes the landscape. Let him entice you into his world and see if you can answer the burning question: is he really a writer or a non-stop storyteller to whom someone has given a word processor?

Greetings to our special correspondents! Stay tuned!

Songbirds of America

SERIES



"APPLE BLOSSOM BLUEBIRDS"
PRINT #2
14" x 14" image size



"DOGWOOD CARDINALS"
PRINT #1

14" x 14" image size

America has long had a special feeling for Songbirds . . . their energy, spirit, and the joy they bring to us. That spirit continues with Mark Anderson's second print in the Songbirds of America Series, "Apple Blossom Bluebirds." Matching signed and numbered sets are currently available - but orders should be placed NOW!

SONGBIRDS OF AMERICA SERIES order form

QTY.	DESCRIPTION	AMT.	
	Cardinals, Bluebirds Matching Numbered Set @ \$130		
	Dogwood Cardinals @ \$ 65		
	Apple Blossom Bluebirds @ \$ 65		
	Custom Framing as shown - add \$65 per print		
	SUB TOTAL		
	SHIPPING ADD \$5.00 UNFRAMED		
	ADD \$10.00 PER FRAMED PRINT		
	PA RESIDENTS ADD 6% SALES TAX		
	TOTAL		
	Thank You!		

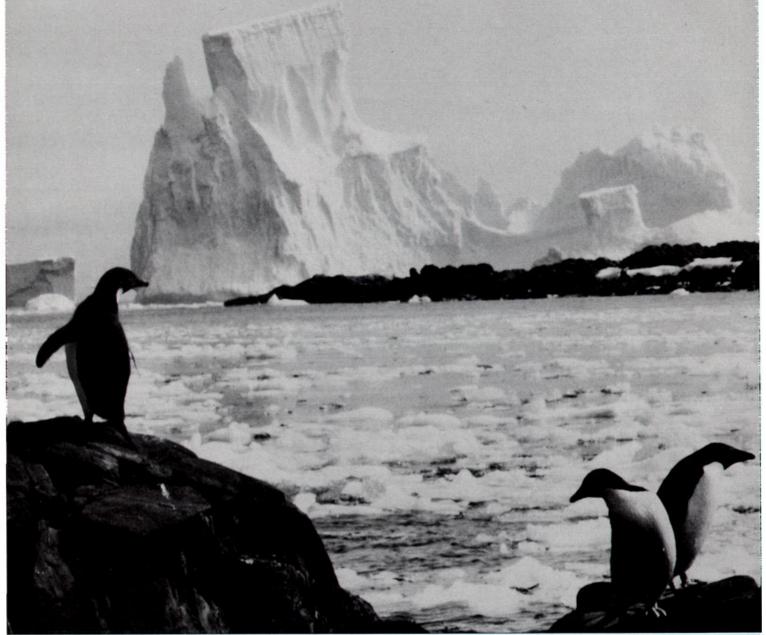
ALLEGHENY ART LTD.

ORDER TOLL FREE: 1-800-323-6974 IN PA CALL: 1-814-849-4700



NAMEADDRESS		
CITY	STATE	ZIP
	our Personal Check, or if you pre	fer MasterCard VISA
CARD NO	EXPIRATIO	ON DATE
PLEASE MAIL REMITTANCE A		GHENY ART LTD.

ANTARCTICA



National Audubon Society invites you to discover the Antarctic Peninsula, Falkland Islands, Strait of Magellan, Tierra del Fuego and Cape Horn aboard *Illiria*.

December 21, 1988-January 11, 1989 or December 26, 1988-January 11, 1989

In the company of an Audubon naturalist, step aboard the *Illiria* for a voyage to the wildlife

In the company of an Audubon naturalist, step aboard the *Illiria* for a voyage to the wildlife sanctuaries of the Falklands and the white continent, Antarctica. Experience the drama of immense ice-blue glaciers, the dazzling beauty of vast frozen fields, the ever-shifting landscape of icebergs drifting across a midnight-blue sea. Visit the busy nesting sites of chinstrap and gentoo penguins and the colonies of giant petrels and elephant seals — all remarkable places where the wildlife show no fear of humans.

For brochures or further information on any of the travel programs led by Audubon naturalists, contact: Jane Hunt, National Audubon Society
950 Third Avenue, New York, New York 10022 (212) 546-9140

Be an Advocate for Avocets



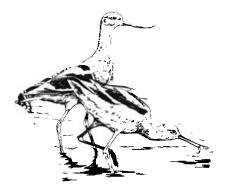
Photo: Ken W. Gardiner.

Avocets, like most shorebirds, need wetlands. And wetlands are disappearing fast. We're losing 450,000 acres of wetland habitat each year to development and agriculture. But Audubon Activists in every flyway are fighting to save wetlands—and winning!

Stand up for shorebirds! Join the Audubon Activist Network.

We'll provide you with the most powerful tool to help you change things for the better—the *Audubon Activist*. A one-year subscription is only \$9. You'll get six issues of *Audubon Activist*, National Audubon Society's environmental newsjournal, **plus**, you'll be on the list to receive *Action Alerts*, one-page notices from Audubon's Washington, D.C., office, when we really need you to help.

It's easy to be part of this high-flying team. All you have to do is clip the coupon and send it with your name and address to Audubon Activist, National Audubon Society, 950 Third Ave., New York, N.Y. 10022.



Drawing: Charles W. Schwartz.

☐ Yes , I wa	nt to have a say in conservation issues that affect me.
Send me s	ix issues of the Audubon Activist. My \$9 check is enclosed
Name	
Address_	
City, State,	Zip

AMERICAN BIRDS REPRINTS

American Birds has an inventory of reprints available to our readers. To order, simply indicate the quantity to the left of each title desired. Use this form or write the title and quantity on a separate sheet of paper. Mail reprint request, along with check or money order to: American Birds, Reprints, 950 Third Avenue, New York, N.Y. 10022. (Prices include postage and handling)

THE BLUE LISTS FROM 1979 through 1982	DUCKS
1979. R. Arbib. (32/6) Nov. 1978. 8 pp. \$1.00 each	Occurrence of the Smew in British Columbia, with com- ments on other North American records. W. C. Weber &
1980. R. Arbib. (33/6) Nov. 1979. 6 pp. \$1.00 each 1981. J. Tate, Jr. (35/1) Jan. 1981. 8 pp. \$1.00 each	R. W. Campbell. (32/5) Sept. 1978. 3 pp. 75¢ each
1982. J. Tate, Jr. & D. J. Tate. (36/2) March 1982. 10	Sex ratios, sexual selection and sexual dimorphism in
pp. \$1.00 each	waterfowl. D. E. Brown. (36/3) May 1982. 4 pp. \$1.00
1986. J. Tate, Jr. (40/2) Summer 1986. 10 pp. \$2.00 each	each
THE PREPARE THE CENTER A THE WILLIAM	EGRET
THE BREEDING-BIRD CENSUS & THE WINTER	Winter population trends in the Cattle Egret. S. E. Larson.
BIRD-POPULATION STUDY	(36/4) July 1982. 7 pp. \$1.00 each
Breeding-Bird Censuses: Why and How. (Audubon Field Notes) G. A. Hall. (18/3) June 1964. 4 pp. 50¢ each	ICBP
Audubon Winter Bird-Population Study. (Aububon Field	Federal research on migratory non-game birds: is the
Notes) H. Kolb. (19/3) June 1965. 3 pp. 50¢ each	United States Fish and Wildlife Service doing its job?
An appraisal of the Winter Bird-Population Study tech-	Stanley E. Senner. (40/3) Fall 1986. 5 pp. \$1.00 each
nique. C. S. Robbins. (26/3) June 1972. 4 pp. 50¢ each	Biopolitics, management of Federal Lands, and the con- servation of the Red-cockaded Woodpecker. Jerome A.
Breeding-Bird Census Instructions. W. T. Van Velzen.	Jackson. (40/5) Winter 1986. 7pp. \$1.00 each
(26/6) Dec. 1972. 5 pp. 50¢ each	The Puerto Rican Parrot: new directions. W. B. King.
DELATED ADTICLES	(41/1) Spring 1987. 7 pp. (color) \$1.50 each
RELATED ARTICLES A Quantitative Method of Habitat Description. F. C.	Wetlands and waterbird conservation. M. A. Howe. (41/
James & H. H. Shugart, Jr. (24/6) Dec. 1970. 10 pp. 50¢	2) Summer 1987. 6 pp. \$1.25 each
each	IDENTIFICATION
Recommendations for an International Standard for a	The Practiced Eye, Cassin's Finch versus Purple Finch.
Mapping Method in Bird Census Work. C. S. Robbins.	K. Kaufman. (40/5) Winter 1986. 3 pp. (color) \$1.00
(24/6) Dec. 1970. 4 pp. 50¢ each	each
On understanding quantitative surveys of vegetation. F. C. James. (32/1) Jan. 1978. 4 pp. 50¢ each	The Practiced Eye, Notes on female orioles. K. Kaufman.
Caution needed in use of playbacks to census bird pop-	(41/1) Spring 1987. 2 pp. (color) \$1.00 each
ulations. M. K. McNicholl. (35/2) March 1981. 4 pp.	MISCELLANEOUS ARTICLES
\$1.00 each	Birdwatching etiquette: the need for a developing philos-
Atlasing the distribution of the breeding birds of North	ophy. R. L. Glinski. (30/3) June 1976. 3 pp. 50¢ each
America. S. B. Laughlin <i>et al.</i> (36/1) Jan. 1982. 14 pp.	Regional reports have they any scientific value?
(w/covers) \$1.25 each Breeding bird atlases add zip to summer birding. Gregory	W. B. Robertson. (32/6) Nov. 1978. 3 pp. 50¢ each
S. Butcher and Charles R. Smith. (40/3) Fall 1986. 10	Bird kills at lighted man-made structures: not on nights close to a full moon. F. J. Verheijen. (35/3) May 1981. 4
pp. \$1.00 each	pp. \$1.00 each
	Fifty years of bird sound publication in North America:
THE CHRISTMAS BIRD COUNT	1931-1981. J. Boswall & D. Couzens. (36/6) Nov. 1982.
Audubon Christmas Bird Counts. (Audubon Field Notes)	12 pp. with record: \$2.00; without record: \$1.25
R. C. Clement (20/1) Feb. 1966. 1 p. 50¢ each	Robert Murphy's Minions. Ron Naveen. (40/3) Fall 1986. 6 pp. (color) \$1.25 each
Wintering areas of bird species potentially hazardous to aircraft. D. Bystrak et al. Soft-cover book. 156 pp. \$4.50	Rollo Beck—Old-school collector, member of an endan-
each	gered species. Frank A. Pitelka. (40/3) Fall 1986. 3 pp.
The effect of weather, people and time on 12 Christmas	(color) 75¢ each
Bird Counts. K. G. Smith. (33/4) July 1979. 5 pp. \$1.00	Christmas Island—a photographic essay. Sidney Bahrt
each	(photos), Elizabeth A. and Ralph W. Schreiber (captions),
Effort, location and the Christmas Bird Count tally. J. L. Confer et al. (33/4) July 1979. 3 pp. 75¢ each	and Susan R. Drennan (text). (40/3) Fall 1986. 8 pp. (color) \$1.25 each
Conten et al. (33/4) July 1979. 3 pp. 734 cach	(COIOI) \$1.25 Cacii
· 	
Di la di Alan Deli ana di	
Please send me the American Birds reprints I h	
Enclosed please find my check or money orde	r in the amount of $\$$
Nama	
Name	-
Address	<u> </u>
City	_ State Zip
, -	

Back to Birding. P R Ehrlich (41/2) Summer 1987. 9 pp. \$1.00 each	PELICANS & ALLIES Records of tropicbirds in the North Atlantic and upper Gulf of Mexico, with comments on field identification.
PASSENGER PIGEON	D. S. Lee <i>et al.</i> (35/6) Nov. 1981. 4 pp. \$1.00 each Status of breeding colonies of White Pelicans in the
Gone Forever—A contemporary look at the extinction of	United States through 1979. N. F. Sloan. (36/3) May
the Passenger Pigeon. D. E. Blockstein & H. B. Tordoff. (39/5) Winter 1985. 8 pp. (color) \$1.25 each	1982. 5 pp. \$1.00 each
(39/3) Willter 1963. 6 pp. (color) \$1.23 cach	Status of the American White Pelican: an update. J G
PASSERINES	Sidle <i>et al.</i> (39/5) Winter 1985. 7 pp. \$1.00 each
Growth in the Eastern House Finch population, 1962–	RAILS, CRANES
1971. C. E. Bock, L. W. Lepthien. (30/4) August 1976.	Spotted Rail: First record from the Yucatan Peninsula,
2 pp. 75¢ each	Mexico. P. E. Scott <i>et al.</i> (39/5) Winter 1985. 1 p. (color)
The diurnal migration of passerines along an Appalachian	50¢ each
ridge, G. A. Hall & R. K. Bell. (35/2) March 1981. 4 pp.	Sandhill Cranes in Alaska: a population survey. B. Conant
\$1.00 each Population trends of the Loggerhead Shrike in the United	et al. (39/5) Winter 1985. 6 pp. (color) \$1.00 each
States. M. S. Morrison. (35/4) July 1981. 4 pp. \$1.00	SHOREBIRDS & GULLS
each	Common Black-headed Gulls on Petit Manan Island,
The second through fourth records for North America of	Maine, M. P. Drennan, D. C. Folger, and C. Treyball
the Pechora Pipit. B. King. (34/3) May 1982. 5 pp. \$1.00	(41/2) Summer 1987. 2 pp. (color) 75¢ each
each	The status of the Common Black-headed Gull in Newfoundland and Labrador. W. A. Montevecchi, et al (41/
A Yucatan Vireo appears in Texas. J. G. Morgan, et al. (39/3) Fall 1985. 2 pp. \$1.00 each	2) Summer 1987. 7 pp. (color) \$1.25 each
Jackdaws reach the New World. P. W. Smith. (39/3) Fall	Field identification of smaller sandpipers within the genus
1985. 5 pp. \$1.00 each	Calidris. R. R. Veit, L. Jonsson. (41/2) Summer 1987
Flame-colored Tanager in Arizona. R. J. Morse & G.	25 pp. (color) \$4.50 each
Monson. (39/5) Winter 1985. 2 pp. (color) 75¢ each	SITE GUIDES & PLACES OF INTEREST
Gray-collared Becard in Sonora. Gale Monson. (40/3)	Birds of El Triunfo Cloud Forest, Mexico, with notes on
Fall 1986. 2 pp. (color) 75¢ each Winter records of the Golden-cheeked Warbler (<i>Den-</i>	the Horned Guan and other species. T. A. Parker III et
droica chrysoparia). Michael J. Braun, David D. Braun,	al. (30/4) Aug. 1976. 4 pp. \$1.00 each
and Scott B. Terrill. (40/3) Fall 1986. 3 pp. (color) 75¢	Noteworthy ornithological records from Abaco, Bahamas.
each	W. B. King et al. (33/5) Sept. 1979. 3 pp. 75¢ each The avifauna of the Pond Inlet region, N.W.T. W E
The "Old Northeastern" subspecies of Red Crossbill.	Renaud et al. (35/2) March 1981. 11 pp. \$1.25 each
R. W. Dickerman. (41/2) Summer 1987. 7 pp. (color)	Site Guide: Purace National Park, Colombia. S. L. Hilty
\$1.50 each	& J. R. Silliman. (37/3) May-June 1983. 10 pp. \$1.00
DEL + CIC BIDDO	each
PELAGIC BIRDS The breeding birds of Funk Island, Newfoundlands on	Site Guides from Special Canadian Issue (40/1) Spring 1986
The breeding birds of Funk Island, Newfoundland: an historical perspective. I. R. Kirkham & W. A. Monte-	Point Pelee National Park, Ontario, Canada. G Tom Hince. 6 pp. \$1.00 each
vecchi. (36/2) March 1982. 8 pp. \$1.00 each	Holiday Beach Provincial Park, Ontario, Canada.
Petrels and Storm-Petrels in North Carolina's offshore	A. Chartier. 3 pp. 75¢ each
waters: including species previously unrecorded for North	Presqu'ile Provincial Park, Ontario, Canada. R D
America. D. S. Lee. (38/2) March–Apr. 1984. 13 pp. \$1.00	McRae. 2 pp. 50¢ each
each Bulwer's Petrel in the South Atlantic Bight. J. C. Haney	Algonquin Provincial Park, Ontario, Canada. C E Goodwin. 2 pp. 50¢ each
& S. C. Wainright. (39/5) Winter 1985. 3 pp. 75¢ each	Beauharnois Power Dam, Montreal, Quebec. R J
Long-tailed Jaegers wintering along the Falkland Current.	Barnhurst. 2 pp. 50¢ each
R. Veit. (39/5) Winter 1985. 6 pp. \$1.00 each	Churchill, Manitoba, Canada. S. R. Drennan 1 p
Status and subspecific identity of White-faced Storm-	50¢ each
Petrels in the Western North Atlantic Ocean. George E.	Long Point Bird Observatory. M. G. Soares. (40/1) 5 pp. (color) \$1.25 each
Watson, David S. Lee, and Edward S. Backus (40/3) Fall 1986. 8 pp. (color) \$1.25 each	Culebra National Wildlife Refuge, Puerto Rico. Kathryn
Remote sensing of seabird environments. J. Christopher	L. Robinson. (40/2) Summer 1986. 7 pp. (color) \$1.25
Haney. (40/3) Fall 1986. 5 pp. (color) \$1.25 each	each

Send to:

42/3

AMERICAN BIRDS
Reprints
950 Third Avenue
New York, N.Y. 10022

National Audubon Society presents The Wonders of Australia and Tasmania

February 27 - March 17, 1989

Spend four days at Heron Island and view its famous turtle and seabird sanctuary. Journey deep into the remote Tasmanian wilderness of rain forests, thundering waterfalls and high alpine lakes at Cradle Mountain and South-West National Park. Discover Sydney and Melbourne with their museums, botanical gardens and nearby national parks.

Travel in the company of expert National Audubon Society naturalists; leading this tour will be Chris Wille, Vice President of Conservation Information and Editor of *The Audubon Activist*, along with Geoffrey LeBaron, Editor of the Christmas Bird Count issue of *American Birds*.

Join us on this specially planned National Audubon Society travel program to a region of great beauty and natural history. For more information contact Jane Anne Hunt, National Audubon Society Travel, 950 Third Avenue, New York, New York, 10022, (212) 546-9140.

Kowa Will Open Your Eyes

WITH THE WORLD'S ONLY MULTI-COATED 77mm SPOTTING SCOPE!



The Kowa TSN-2 Spotting Scope features the only 77mm lens on the market today. The multi-

coated 77mm lens offers a sharper

image, a wider than usual field of view, and increased light gathering capabilities of no less than 60% over conventional 60mm spotting scopes.

The TSN-2 is also capable of

high quality photo applications. Just connect the optional photo attachment and have the same photo capabilities as an 800mm F/10 super-telephoto lens. The Bayonet Mount makes changing the eyepieces

quick and easy by a simple insert and turn system.

The TSN-2 is available with a 25X Long Eye Relief eyepiece for easy viewing with eye glasses.

Kowa

Robert Manns & Associates 877 Glenbrook Dr. Atlanta, GA 30318 (404) 352-3679 Redlich Binoculars & Optical 2319 Wilson Blvd. Arlington, VA 22201 (703) 527-5151

KOWA OPTIMED INC., 20001 S. VERMONT AVE., TORRANCE, CA 90502 (213) 327-1913

Volume 42, Number 3

ACCOMMODATIONS

SHORECREST LODGE — GRAND MANAN. A charming country inn run by and for naturalists on an island blessed with an abundance of birds, whales and wildflowers. Contact: SHORECREST, North Head, New Brunswick, EOG 2MO, Canada; (506) 662-3216.

BIRD FEEDERS

AMERICA'S FINEST SQUIRREL/ STARLING-PROOF FEEDERS; DIALA-BIRD NEST HOMES. Free Catalog. KO-PECKY, 1220-S Ridge Road, Hypoluxo, FL 33462.

BIRDSEED DESIGNED EXCLUSIVELY TO ATTRACT FINCHES. Free Sample. Sonne, Box 310 — AC1, Wahpeton, ND 58074. 1-800-642-6420.

BOOKS

BIRD BOOKS. Send \$2.00 to be on our catalog mailing list. BUTEO BOOKS, PO Box 481, Vermillion, SD 57069.

BIRD & PLANT BOOKS. Foreign Field Guides. Telephone inquiries welcomed — 207-336-2969. Or send for quarterly catalogue. PATRICIA LED-LIE — BOOKSELLER, One Bean Rd., PO Box 90AB, Buckfield, ME 04220.

MISCELLANY

COMPUTER BIRD LIST-For IBM-PC/ AT or compatible, FLEXI-LIST program creates unlimited number of lists, each with up to nine columns of findings or 50 characters of descriptive text. Unique coding system generates up to four different totals for each column. Disk bird name catalog with about 700 North American birds—you can add others or change names. Quick-find locator retrieves names. User-formatted printouts. Many other customization features. Requires 320K, single drive, any printer. 20-page manual. \$50 plus \$3 P&H (\$3 tax in PA). PARKWAY SOFTWARE. P.O. Box 275A, Villanova, PA 19085. (215) 356-5880.

Market Place

Market Place Rates: \$1.15/word for one insertion; 90¢/word for 2–4 insertions; 60¢/word for 5 insertions. Send payment with copy. Copy deadlines: Winter issue: October 15; Spring issue: March 1; Summer issue: May 1; Fall issue: July 15; CBC issue: August 1. Send to: AMERICAN BIRDS, Market Place, 950 Third Avenue, New York, N.Y. 10022.

OWL COLLECTORS. "I ♥ OWLS" Bumper Sticker \$1.00 Newsletter Sample \$3.00 Subscription \$15.00 1989 Calendar \$11.50 Catalog \$1.00 (refundable) Owl's Nest, Box 5491AB, Fresno, CA 93755.

OPTICAL EQUIPMENT

BINOCULAR SALES AND SERVICE. Repairing binoculars since 1923. Alignment performed on our U.S. Navy collimator. Free catalogue and our article "Know Your Binoculars," published in *Audubon* Magazine. MIRAKEL OPTICAL CO., INC., 331 Mansion St., West Coxsackie, NY 12192 (518) 731-2610.

LEITZ BINOCULARS — LOWEST PRICES IN THE USA: We stock a full line of Leitz binoculars, Leica cameras, lenses and accessories. Call for discount prices. 1-800-825-0808. In New York call 718-384-6042. ELITE HOUSE, LTD., 71 Union Avenue, Brooklyn, NY 11206.

B & L, QUESTAR, MEADE, LEITZ, SWAROVSKI, ZEISS, etc. We field test all optics available to us. Results are yours for a call. Trade-ins, low prices, full service. Ask for a consultant. ROB-ERT MANNS & ASSOCIATES, 877 Glenbrook Dr., Atlanta, GA 30318 (404) 352-3679.



OPTICAL EQUIPMENT

OPTICS HEADQUARTERS FOR BIRD-ERS SINCE 1960. Offering selection advice, postpaid 24 hour shipping, deep discounts on 10 most popular brands Plus: six tripods, special cases, shoulder and window mounts, harnesses, tripod and camera adapters, and more. Literature and prices on request. BIRDING, P.O. Box 5E, Amsterdam, N.Y. 12010

STAMPS

BIRDS, FLOWERS, ANIMALS on postage stamps from many countries. 50 diff \$1.00. All three \$2.65. GEORGE FORD, P.O. Box 5203-A, Gulfport, FL 33737

TOURS

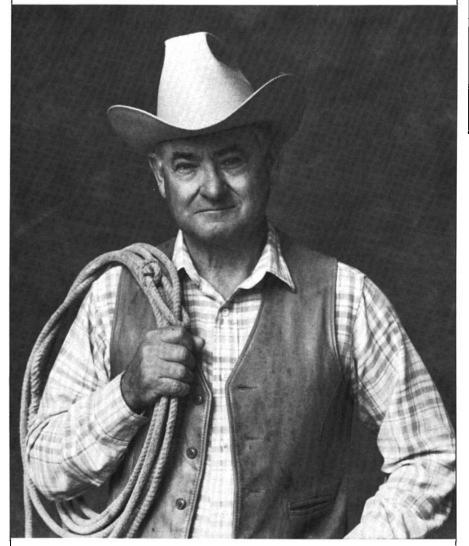
TRINIDAD & TOBAGO—ASA WRIGHT NATURE CENTRE & LODGE Bearded Bellbirds, Scarlet Ibis, Oilbirds and hundreds more! The classic tropical birding experience. 7 to 13 day tours with expert guides, from \$495. Individual and group rates also available. Special Christmas Bird Count Tour and Summer Seminar programs also offered, exclusively by CALIGO VENTURES, INC 387 Main Street, Armonk, NY 10504 Toll Free 800-426-7781, in New York 800-327-2753 or (914) 273-6333.

BIRD TOURS AROUND BRITAIN Personalised tour guide service. Superb birdwatching, quality accommodation See any bird or part of beautiful Britain you wish with one of Europe's best leaders. Also available for tours to suit your individual requirements in France and Spain. Please enquire to: RICHARD CROSSLEY, Abbots Hood, Halberton, Tiverton, Devon, England. (0884) 820728.

RAPTOURS. Raptor watching tours and workshops. 1988–1989 schedule includes: Trinidad, Cape May, Israel, S Texas, Senegal, Mexico, Panama, Tikal, Whitefish Point, Ecuador and S. Arizona Tours led by Bill Clark, Author of *Hawks* Many 3-day weekends. Write for brochure & schedule to Raptours, PO Box 8008, Silver Spring, MD 20907 or call Barbara Fox at (301) 565-9196.

TOURS

PORTRAIT the GREAT AMERICAN I N V E S T O R



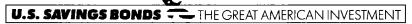
Lloyd Mokler is a new breed of cowboy in a new wild west. He's an expert at managing his business—on the open field, and in the investment field. Like 30 million others, Lloyd buys U.S. Savings Bonds. And that makes him one of the Great American Investors.

Bonds pay competitive rates, like money-market accounts. They're free from

state and local income tax. And you can buy them where you work, where you bank, or now by phone.

U.S. Savings Bonds, the Great American Investment. To find out more, or to buy Bonds, call 1-800-US-BONDS.





Bonds held less than five years earn a lower rate. A public service of this publication.

AUSTRALIA. Monarch Birding and Wildlife Tours The Tour of a lifetime with the Australian team who Know Australia. Itmeranes tailored for groups or the undependent traveler For brochure and 1988 departures or for self exploration tours Phone or write: S.H. Enterprises, Dept AM 4330 Barranca Pkwy Suite 101-105 Irvne, CA 92714 Ph714-733-1744

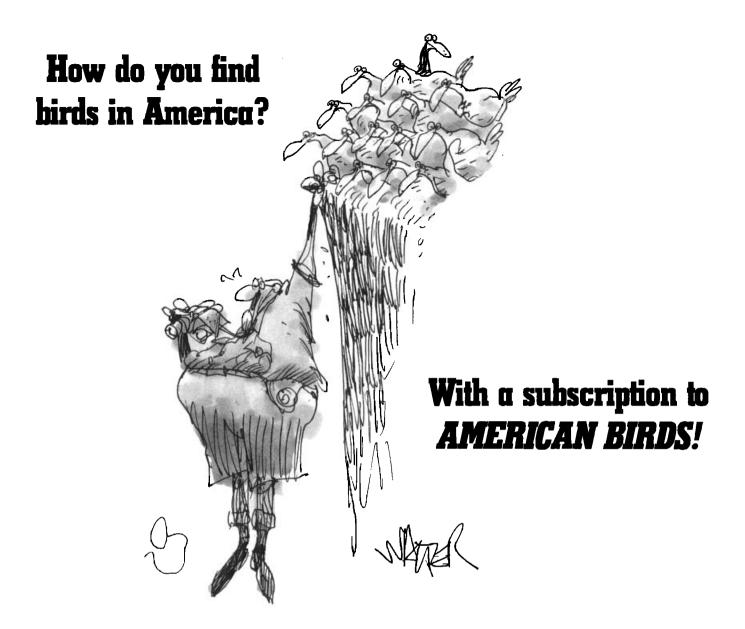
BIRDING IN COSTA RICA. 850 species including: Quetzal, Black Guan, Fierybilled Aracari, Scarlet Macaw, Copperyheaded Emerald, Yellow-billed Cotinga, Wrenthrush, Volcano Junco. Professional birder guides. For tour information: T. J. Lewis, COSTA RICA EXPEDITIONS, P.O. Box 6941, San Jose, Costa Rica, Central America. Ph: 22-0333, Telex: 2917 CREAR.

BIRDING AUSTRALASIA WITH ALAN MCBRIDE. Let us plan your Australasian tour. What YOU want, when YOU want it. Schedule Australia into your IOC tour to New Zealand, 26 days can produce over 400 species. Pelagic trips a specialty. Write with your requirements, Diomedea Pty., Ltd., Box 190, Cremorne Junction, N.S.W. 2090, Australia.

BIRDING THE TORONTO AREA? For info., write Dunnock Enterprises 2409 Speyside Dr., Mississauga, Ontario, CANADA L5K 1X5.

TROPICAL AUSTRALIA. Start your holiday in the rainforest at Cassowary House near Cairns. Expert guiding in a variety of habitats. Birding at its best! John and Rita Squire, Cassowary Tours, Kuranda 4872, Australia.

BIRDING IN COBÀ. Join us for trips to the Yucatan and other exciting destinations in Mexico and the U.S. Reasonably priced trips for those on a budget. Contact: BUDGET BIRDING, 1731 Hatcher Crescent, Ann Arbor, MI 48103, (313) 995-4357.



In-depth, informative, up-to-the-minute, American Birds is fascinating reading for both the serious amateur and professional birder. Four seasonal issues provide information you just can't find anywhere else! Reports on bird distribution throughout the United States, Canada, Alaska, Hawaii, and the West Indies give you all the information you need to find birds anywhere in North America during every season of the year!

Plus, each issue features articles on field identification, behavior, distribution, rare sightings, site guides, conservation issues, book reviews, announcements, and much more.

And, included in the price of a subscription is the mammoth Christmas Bird Count issue, which details early winter bird populations throughout the country

Five collectible issues of America's leading ornithological field journal for only \$27.50

☐ Yes! Please send me a one year subscription (\$27.50) to AMERICAN BIRDS
\square Check here if this is a renewal
Name
Address
City State Zip
Send this coupon and your check for \$27.50 to

Send this coupon and your check for \$27.50 to American Birds 950 Third Avenue New York NY 10022

Robert L Norton

CONTENTS

Winnie, Jr

347from the editor's desk			The Spring Season March 1-May 31, 1988	
348	The Practiced Eye—Red-naped Sapsucker and Yellow-bellied Sapsucker Kenn Kaufman	407	Northeastern Maritime Region Bruce Mactavish	
351	Facts, Inferences, and Shameless Speculations	410	Quebec Region Richard Yank, Yves Aubry, and Michel Gosselin	
353	J.P. Myers Retorts, Reflections, and Thoughtful Refutations	413	Hudson-Delaware Region William J. Boyle, Jr., Robert O. Paxton, and David A. Cutler	
	Reader's column	416	Middle Atlantic Coast Region Henry T. Armistead	
355	The Secret Birding Journal of G. Washington From Virginia <i>Pete Dunne</i>	420	Southern Atlantic Coast Region Harry E. LeGrand, Jr.	
357	Red-naped Sapsuckers feeding at Willows: possible keystone	424	Florida Region H. P. Langridge	
	herbivores Paul R. Ehrlich and Gretchen C. Daily	426	Ontario Region Ron D. Weir	
366	Louisiana State University, Museum of Natural Science	431	Niagara-Champlain Region Douglas Kibbe	
370	J.V. Remson, Jr. and Robert M. Zink Regional Reports Pictorial Highlights	433	Appalachian Region George A. Hall	
310	Spring 1988	436	Western Great Lakes Region David J. Powell	
374 375	Snowy Plover (Charadrius alexandrinus) records from Panama Gonzalo Castro and J. P. Myers In transical deforactories records in the record of deforation in the second of	440	Middlewestern Prairie Region Bruce G. Peterjohn	
		444	Central Southern Region Thomas A. Imhof	
313	Is tropical deforestation responsible for the reported declines in neotropical migrant populations? Richard L. Hutto	450	Prairie Provinces Region Bernard Gollop	
380	First record of Red-footed Boobies nesting in the Gulf of Mexico	452	Northern Great Plains Region Gordon Berkey	
	John W. Tunnell, Jr. and Brian R. Chapman	454	Southern Great Plains Region Joseph A. Grzybowski	
382	Range expansion and population increase of nesting Song Sparrows in Tennessee	456	Texas Region Greg W. Lasley and Chuck Sexton	
	Stephen J. Stedman	462	Northwestern Canada Region Chris Siddle	
385	The recent occurrence of Garganey in North America and the Hawaiian Islands Larry B. Spear, Moray J. Lewis, M. T. Myres, and Robert L. Pyle	464	Northern Rocky Mountain- Intermountain Region Thomas H. Rogers	
393	Changes in bird life at the western end of Lake Erie (Part I of III)	466	Mountain West Region Hugh E. Kingery	
575	Harold F. Mayfield	469	Southwest Region David Stejskal and Janet Witzeman	
399	The Changing Seasons Ted L. Eubanks, Jr.	474	Alaska Region D.D. Gibson, T. G. Tobish, Jr., and M. E. Isleib	
487	Birder's Bookshelf	477	Middle Pacific Coast Region David G. Yee, Richard A. Erickson, and Stephen F. Bailey	
496	Market Place	480	Southern Pacific Coast Region Guy McCaskie	
	t cover photograph: Eastern Blue Bird (Sialia sialis) photographed appear County, Michigan. Photo/Jim Battles.	484	Hawaiian Islands Region Robert L. Pyle	
Back	cover photograph: Cinnamon Teal (Anas cyanoptera) Photo/John	485	West Indies Region	



