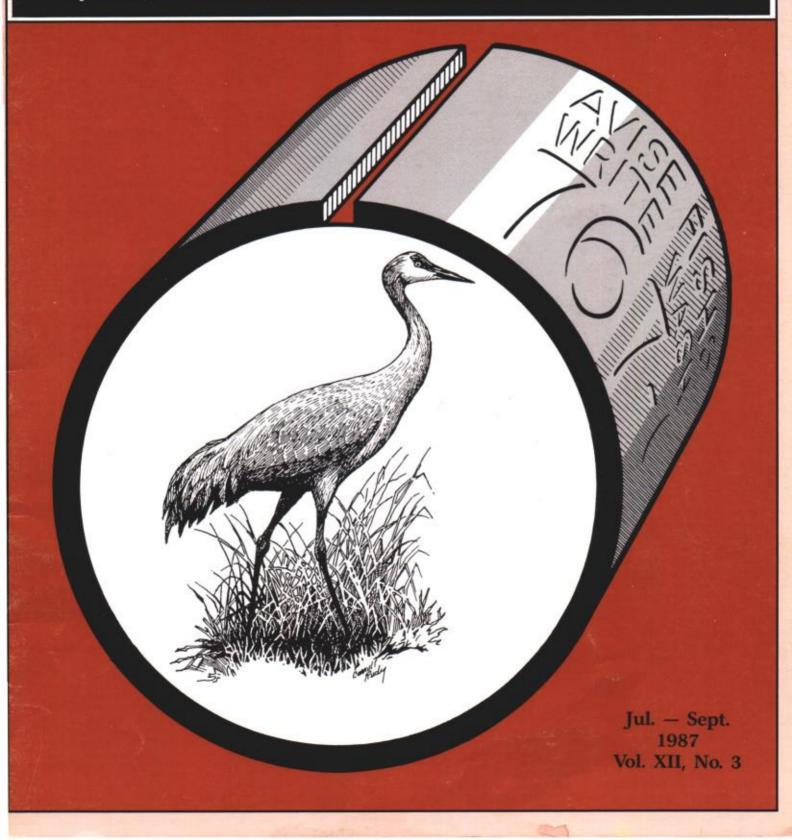
NORTH AMERICAN Bird Bander

A publication of Eastern, Inland, and Western Bird Banding Associations



	Officers			
	President	Frederick S. Schaeffer 1650 14th Avenue	1st Vice-Presid	ent Don Schwab Box 847
		Vero Beach, FL 32960		Suffolk, VA 23434
Victoria de la constance de la	Secretary		2nd Vice-Presid	,
		11 King Court		RD 3, Box 61
	-	Wayne, NJ 07470		Newark Valley, NY 13811
	Treasurer	Donald Mease RD#2, Box 436A	3rd Vice-Presid	ent Robert P. Yunick 1527 Myron Street
		Hellertown, PA 18055		Schenectady, NY 12309
		Trenertown, III 10000	Edi	tor Robert J. Pantle
Eastern Bird Banding Association				35 Logan Hill Rd.
				Candor, NY 13743
		Councillors		
		Robert Pantle	Ken Clark St	ısan Blackshaw
		Ralph Bell	Pat Melville Pe	eter Polisse, Jr.
		Mary Doscher	William Oberman Je	ffrey Spendelow
		Howard Fischer	(past president)	eon Wilson
			Mickie Mutchler	

Terms expire 1987 Terms expire 1988

Terms expire 1989

Eastern Regional News is published quarterly in *North American Bird Bander* by the Eastern Bird Banding Association. Applications for membership and changes of address should be sent to the Treasurer. The dues: Active Members—\$10.00 per year; Sustaining Members—\$18.00 per year; Student Members—\$8.00 per year; Family Membership add \$2.00 to any category; Institutional Membership—\$15.00; Life Membership—\$200.00; Non-subscribing Members—\$3.00 per year. Canadian and foreign memberships add \$4.50. Contributions to the Eastern Bird Banding Association are tax deductible.

Inland Bird Banding Association

PresidentJohn J. Flora3636 WilliamsDearborn, MI 48124SecretaryCarol RudyW. 3866 Hwy. H.Chilton, WI 53014TreasurerC. Holmes Smith6305 Cumberland Rd., SWSherrodsville, OH 44675

Board of Directors

Dr. Edwin C. Franks Jane Olyphant Dr. Donald G. Varner Nathaniel Whitney

Membership Secretary Allen E. Valentine, 17403 Oakington Court, Dallas, TX 75252

Inland Regional News is published quarterly in *North American Bird Bander* by Inland Bird Banding Association. Application for membership and notices of change of address should be sent to the Treasurer. The active members will receive BOTH *North American Bird Bander* and *Inland Bird Banding Newsletter* (quarterly): Annual dues per calendar year: ACTIVE MEMBERSHIPS: Regular Member~\$15.00; Sustaining-\$25.00; Benefactor-\$200.00 per year; Life-\$1000.00 (in full, or 5 annual payments of \$40.00). IN-ACTIVE MEMBERSHIPS: North American Bird Bander-\$10.00; Inland Bird Banding Newsletter-\$5.00. INSTITUTIONAL SUBSCRIPTIONS: \$15.00 U.S. and \$20.00 Foreign, including Canadian.



Western Bird Banding Association

 President
 Dr. W. B. Quay

 2003 Ida Street
 Napa, CA 94558

 Secretary
 Ruth Ogden Russell

 2901 E. Second St.
 Tucson, AZ 85716

 Treasurer
 Dr. Howard L. Cogswell

 1548 East Avenue
 Hayward, CA 94541

Officers

 1st Vice-President Dr. David F. DeSante Point Reyes Bird Observ. 4990 Shoreline Hwy Stinson Beach, CA 94970
 2nd Vice-President Dr. Stephen M. Russell Dept. Ecol. & Evol. Biology University of Arizona Tucson, AZ 85721
 Immediate Past President H100 N. Romero, #108 Tucson, AZ 85705

Directors at Large

Dr. Carl D. Barrentine Dept. of Biology California State Univ. 9001 Stockdale Highway Bakersfield, CA 93309 *Term expires 1988* Dr. Kerry P. Reese College of Forestry, Wildlife Range Science University of Idaho Moscow, ID 83843 *Term expires 1987*

Applications for membership in the Western Bird Banding Association should be sent to the Treasurer. All classes of membership are by calendar year only and receive North American Bird Bander. Membership classes are: Active Member-\$13.00 per year; Sustaining Member-\$26.00 per year; Non-subscribing Member-\$3.00 per year; Life Member-\$260.00. Outside the U.S. postage must be added to each membership fee, excepting that for Life Membership.

CHANGE OF ADDRESS? Members of each banding association (EBBA, IBBA, WBBA) should inform the Treasurer of their association(s) as soon as possible concerning a planned change of address. There is otherwise the hazard of not receiving NABB, since the U.S. Post Office does not forward mail of this type.

Officers

1st Vice-President Dr. Noel Cutright 3352 Knollwood West Bend, WI 53095 2nd Vice-President Peter C. Petersen Box 966 Davenport, IA 52805

North American Bird Bander - Staff

Eastern Bird Banding Association Editors: Editor:

Robert J. Pantle 35 Logan Hill Rd. Candor, NY 13743 Atlantic Flyway Editor: Donald Clark RFD Hicks Rd. Franklinville, NY 14737 Illustrations: Barbara Petorak 923 W. Walnut St. Shamokin, PA 17872 Historian: Pat Melville **Back Issues & Publications:** Mrs. Donald Mease RD 2, Box 436A Hellertown, PA 18055

For help in developing publishable studies, contact: John Weske, Chairman Education Committee P.O. Box 116 Sandy Spring, MD 20860

For help in preparing material for publication, contact: Jeffrey Spendelow, Chairman Publication Committee Non-game Research Patuxent Wildlife Research Center Laurel, MD 20708 Editor: Dan Kramer 3451 CR 256 Vickery, OH 43464 Section: Willetta Lueschen Route 2, Box 26 Wisner, NE 68791 **Illustrations**: Carol Rudy W 3866 Highway H Chilton, WI 53014 **Back Issues:** Don Varner Rt. 1, Box 1 Welling, OK 74471

Combined Associations

Production Manager: Terrence N. Ingram Box 155 Apple River, IL 61001 (815) 594-2305 **Production Staff:** The Eagle Foundation Box 155 Apple River, IL 61001 (815) 594-2259 Literature Editor: Dr. Martin K. McNicholl Long Point Bird Observatory P.O. Box 160, Port Rowan Ontario, Canada N0E 1M0 Advertising Manager: Carl D. Barrentine California State College Department of Biology 9001 Stockdale Highway Bakersfield, CA 93309

Western Bird Banding Association Editor: Dr. Robert C. Tweit 4100 N. Romero, #108 Tucson, AZ 85705 Advisory & Review Board: Dr. Keith A. Arnold Dr. Charles T. Collins Dr. David DeSante Dr. Stephen Ervin Dr. L. Richard Mewaldt Dr. Kerry P. Reese Dr. George C. West Dr. Fred C. Zwickel Annual Report: Joan Tweit 4100 N. Romero, #108 Tucson, AZ 85705 Western Station Reports: Ruth Ogden Russell 2901 E. Second St. Tucson, AZ 85716 Significant Returns & Recoveries: Dr. John B. Dunning, Jr. Historian: Dr. Martin K. McNicholl Worksheets: Dr. Charles T. Collins Back Issues & Publication Sales: Richard K. Bowers, Jr. 2925 North Cascada Circle Tucson, AZ 85715

Cover Illustration this issue by:

Carol Rudy Chilton WI

North American Bird Bander is the journal of the Eastern, Inland, and Western Bird Banding Associations and is printed by Union-Hoermann Press, Dubuque, Iowa. Magazines not delivered because of failure to send changes of address six weeks in advance cannot always be replaced. Address changes should be sent to the treasurer of the association to which you pay dues.

©Copyright 1986 by Eastern Bird Banding Association, Inland Bird Banding Association, and Western Bird Banding Association. Nothing in this journal may be reproduced, either wholly or in part, for any use whatsoever, without written permission from all three associations.

North American Bird Bander welcomes articles and notes, not published in other journals, containing significant knowledge about bird banding or studies incorporating bird banding as part of the project. To assist authors and maintain consistent high quality, manuscripts are refereed prior to acceptance and publication. Manuscripts should be submitted to the editor of the association (EBBA, IBBA, or WBBA) to which the author belongs.

(See inside back cover for suggestions to authors.)