

VERBEEK, N. A. M. 1979. Some aspects of the breeding biology and behavior of the Great Black-backed Gull. *Wilson Bull.* 91:575-582.

WATSON, P. S. 1981. Seabirds observations from a commercial trawler in the Irish Sea. *Br. Birds* 74:82-90.

Received 5 Feb. 1992; accepted 23 Nov. 1992.

1994 NORTH AMERICAN BLUEBIRD SOCIETY RESEARCH AWARDS

The North American Bluebird Society is pleased to announce the results of its 10th annual research grant program. The following individuals are recipients of the 1994 research awards.

Bluebird Grants

Rachel F. Holt.—University of British Columbia. Population regulation of Mountain Bluebirds nesting in clear cuts: the changing roles of nest site limitation, predation and vegetation succession.

Daniela S. Monk.—Indiana University. Differential allocation of parental care in Mountain Bluebirds.

Gary L. Slater.—University of Florida. Nest site limitation and competition: effects on Eastern Bluebirds and Brown-headed Nuthatches in southern Florida threatened pineland ecosystem.

Student Grants

Jeffrey F. Kelly.—Colorado State University. The effect of food availability on behavior and reproduction of Belted Kingfishers.

Sheldon J. Cooper.—Utah State University. Physiological, physical, and behavioral adaptations to cold in the Mountain Chickadee and the Plain Titmouse.

Colleen A. Barber.—Queen's University. Determinants of extra-pair paternity in Tree Swallows.

General Grants

Drs. E. Dale Kennedy and Douglas W. White.—Kansas State University. Breeding biology of Bewick's Wren: conservation implications.

Dr. Charles R. Blem.—Virginia Commonwealth University. Clutch size, rate of growth, and reproductive success of Prothonotary Warblers.

most of South America that is decidedly darker. Subspecies are often ignored, or even decried, at present. But as cases like this show, they can be essential to understand Nature's complexity or biodiversity (and birds' movements, as shown above; see also Phillips 1991, notably on *Catharus* spp.).

For clarity, then, I do not entirely restrict my key to full species.

NORTH AMERICAN BLUEBIRD SOCIETY 1995 RESEARCH GRANTS

The North American Bluebird Society announces the 11th annual grants-in-aid for ornithological research directed toward cavity-nesting species of North America with emphasis on the genus *Sialia*. Three single or multiple-award grants are awarded.

Bluebird research grant.—Available to student, professional or individual researcher for a research project focused on any of the three species of bluebird in the genus *Sialia*.

General research grant.—Available to student, professional or individual researcher for a research project focused on any North American cavity-nesting species.

Student research award.—Available to full-time college or university students for a research project focused on any North American cavity-nesting species.

Guidelines and application materials are available from Kevin L. Berner, Research Committee Chairman, College of Agriculture and Technology, State University of New York, Cobleskill, NY 12043. Completed applications must be received by 1 Dec. 1994; funding decisions will be announced by 15 Jan. 1995.

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- SOKAL, R. R., AND F. J. ROHLF. 1981. Biometry. W. H. Freeman and Co., San Francisco, California, USA. 859 pp.
- TATSUOKA, M. M. 1971. Multivariate analysis. J. Wiley and Sons, New York, New York. 310 pp.
- VAN WYNSBERGHE, N. R., J. D. RISING, AND D. I. MACKENZIE. 1992. Geographic variation in size of the Eastern Kingbird. *Wilson Bull.* 104:612–629.
- WINKER, K. 1993. Specimen shrinkage in Tennessee Warblers and "Traill's" Flycatchers. *J. Field Ornithol.* 64:331–336.

Received 31 Jul. 1992; accepted 15 Mar. 1993.

**ASSOCIATION OF FIELD ORNITHOLOGISTS
FEDERATION OF NEW YORK STATE BIRD CLUBS
JOINT MEETING**

The Association of Field Ornithologists and the Federation of New York State Bird Clubs will hold a joint meeting at the Williams Lake Hotel, Rosendale, New York on 23–25 Sep. 1994. The program will include a symposium on owls. Abstracts for the paper session should be sent to Dr. Valerie Freer, Science Department, Sullivan County Community College, Loch Sheldrake, NY 12759.

- Reconstructed dynamics of rapid extinctions of chaparral-requiring birds in urban habitat islands. *Cons. Biol.* 2:75-92.
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- WALTERS, J. R., P. D. DOERR, AND J. H. CARTER III. 1988. The cooperative breeding system of the red-cockaded woodpecker. *Ethology* 78:275-305.
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- WHITCOMB, R. F., S. S. ROBINS, J. F. LYNCH, B. L. WHITCOMB, M. K. KLIMKIEWIEZ, AND D. BYSTRAK. 1981. Effects of forest fragmentation on avifauna of the eastern deciduous forest. Pp. 125-292, *in* R. L. Burgess and D. M. Sharpe, eds. *Forest island dynamics in man-dominated landscapes*. Springer-Verlag, New York, New York.
- WILCOVE, D. S., C. H. MCLELLAN, AND A. P. DOBSON. 1986. Habitat fragmentation in the temperate zone. Pp. 237-256, *in* M. E. Soulé, ed. *Conservation biology: the science of scarcity and diversity*. Sinauer Assoc., Sunderland, Massachusetts.
- WILCOX, B. A. 1978. Supersaturated island faunas: a species-age relationship for lizards on post-Pleistocene land-bridge islands. *Science* 199:996-998.

Received 28 Jun. 1991; accepted 23 Aug. 1993.

18TH STATED MEETING OF THE COLONIAL WATERBIRD SOCIETY

The Colonial Waterbird Society will hold its 18th annual meeting on 9-12 Nov. 1994 at the Shell Island Resort Hotel in Wrightsville Beach, North Carolina. For information regarding the program, contact Scientific Program Chair, James Kushlan, Department of Biology, University of Mississippi, University, MS 38677. For information on other matters, contact Local Committee Chair James Parnell, Department of Biological Sciences, University of North Carolina at Wilmington, College Road, Wilmington, NC 28403.

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- NELMS, C. O., M. L. AVERY, AND D. G. DECKER. 1990. Assessment of bird damage to early-ripening blueberries in Florida. *Proc. Vertebr. Pest Conf.* 14:302-306.
- PUTNAM, L. S. 1949. The life history of the Cedar Waxwing. *Wilson Bull.* 61:141-182.
- ROBBINS, C. S., D. BYSTRAK, AND P. H. GEISSLER. 1986. The breeding bird survey: its first fifteen years, 1965-1979. U.S. Fish and Wildlife Serv. Resource Publ. 157. Washington, D.C. 196 pp.
- ROOT, T. 1988. Atlas of wintering North American birds: an analysis of Christmas bird count data. Univ. Chicago Press, Chicago, Illinois. 312 pp.
- STONER, E. A. 1976. Cedar Waxwing recoveries. *N. Am. Bird Bander* 1:171.

Received 26 Feb. 1993; accepted 6 Sep. 1993.

V NEOTROPICAL ORNITHOLOGICAL CONGRESS

The Fifth Neotropical Ornithological Congress will be held on 5-11 Aug. 1994 in Asuncion, Paraguay. To be placed on the mailing list to receive a copy of the first announcement, write to Nancy Lopez de Kochalka, % Comité Organizador Local del V CON, Museo Nacional de Historia Natural del Paraguay, Sucursal 19, Campus, Central XI, Paraguay.