MARINE ORNITHOLOGY
An International Journal of Seabird Science and Conservation
published by the Pacific Seabird Group
on behalf of the African, Australasian, Dutch, Pacific and UK Seabird Groups
ISSN 1018-3337

EDITORS
Rob Barrett, University of Tromsø (Europe)
John Cooper, University of Cape Town (Southern Hemisphere & Africa)
Tony Gaston, Canadian Wildlife Service (North America & Asia)

EDITORIAL BOARD
David Ainley, H.T. Harvey & Associates, PO Box 1180, Alviso, California 95002, USA
Lisa Ballance (Review Editor), Southwest Fisheries Science Center, 8604 La Jolla Shores Drive, La Jolla, California 92037, USA
Alan Burger, Biology Department, University of Victoria, Victoria, British Columbia V8W 3N5, Canada
Kees Camphuysen, Ankerstraat 20, 1794 BJ Oosterend, Texel, Netherlands
John Croxall, British Antarctic Survey, High Cross, Madingley Road, Cambridge CB3 0ET, UK
Lloyd Davis, Department of Zoology, University of Otago, PO Box 56, Dunedin, New Zealand
Craig Harrison, 4953 Sonoma Mountain Road, Santa Rosa, California 95404, USA
Norbert Klages, Institute for Environmental and Coastal Management, University of Port Elizabeth, PO Box 1600, Port Elizabeth 6000, South Africa
Bill Montevuechi, Biopsychology Department, Memorial University of Newfoundland, St. John’s, Newfoundland A1X 3A9, Canada
David Nettleship, 25 Tidewater Lane, Allen Heights, Antigonish, Nova Scotia B0J 1J0, Canada
Alejandro Scolaro, Centro Nacional Patagónic, Casillo de Correo 69, 9120 Puerto Madryn-Chubut, Argentina
Bill Sydeman, Point Reyes Bird Observatory, 4990 Shoreline Highway, Stinson Beach, California 94970, USA
Sarah Wanless, Institute for Terrestrial Ecology, Banchory, Kincardineshire, AB31 4BY, UK
Yutaka Watanuki, Laboratory of Applied Zoology, Hokkaido University, Kita-9 Nishi-9, Kita-ku, Sapporo 060, Japan
Henri Weimerskirch, Centre National de la Recherche Scientifique, Centre d’Etudes Biologique de Chize, Beauvoir 79360, France
Rory Wilson, School of Biology, University of Wales, Swansea SA2 8PP, Wales UK
Ron Wooller, School of Biological and Environmental Sciences, Murdoch University, Murdoch, Western Australia 6150, Australia


DTP: Reber Creative
Copy Editor: Ann Fothergill-Brown

Front cover picture: Radar screen showing birds migrating at night—red is ground clutter, blue dots are targets (birds). Photo by Todd Mabee