

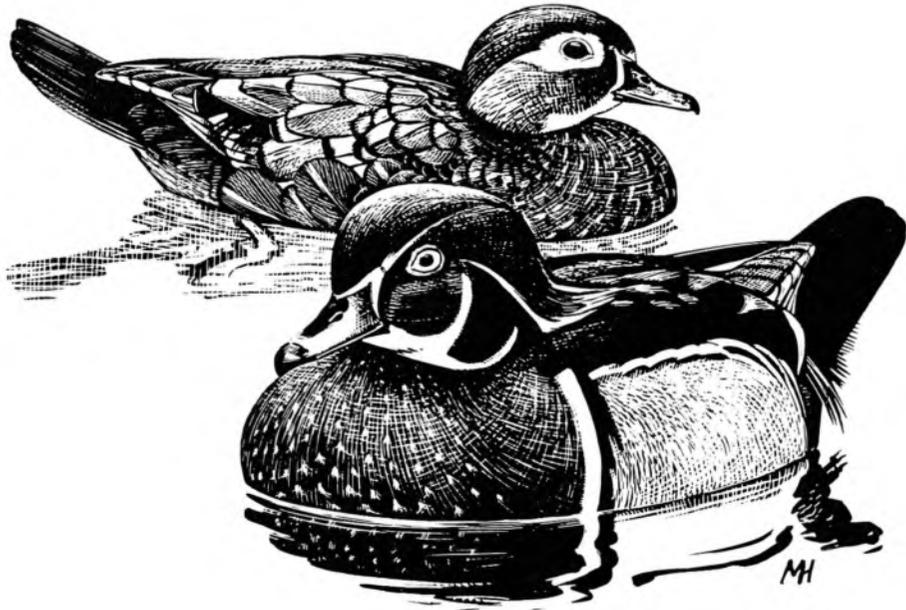
WILDFOWL 44

Edited by Janet Kear



THE
WILDFOWL
& WETLANDS TRUST

Published by The Wildfowl & Wetlands Trust, Slimbridge, 1993
Registered Charity No. 204184



Cover photograph of Goldeneye *Bucephala clangula* by Mark Hulme.

Line illustrations by Joe Blossom, Steve Carter, Mark Hulme and Thelma Sykes.

Editorial address:

The Wildfowl & Wetlands Trust, Slimbridge, Gloucester GL2 7BT, UK.

Enquiries concerning purchase, exchange or back numbers to the Trust's Publications Officer.

Price £18.00, including postage and packing. Add £5.00 sterling for overseas orders.

ISBN 0 900806 17 6

ISSN 0954-6324

Text set in 9/10 and 10/12 ITC Cheltenham.

Printed and bound by Orchard & Ind Ltd., Northgate Street, Gloucester GL1 1SP.

Contents

A Whooper Swan <i>Cygnus cygnus</i> population wintering at Kilcolman Wildfowl Refuge, Co. Cork, Ireland: trends over 20 years. <i>J. O'Halloran, M. Ridgway & C.D. Hutchinson</i>	1
Seasonal and long-term changes in habitat selection by Greenland White-fronted Geese <i>Anser albifrons flavirostris</i> in Ireland. <i>D.W. Norriss & H.J. Wilson</i>	7
Arrival patterns of Greylag Geese <i>Anser anser</i> in the Guadalquivir Marismas. <i>H. Persson</i>	19
Distribution, abundance and age ratios of Wrangel Island Lesser Snow Geese <i>Anser caerulescens</i> during autumn migration on the Yukon-Kuskokwim Delta, Alaska. <i>C.R. Ely, J.Y. Takekawa & M.L. Wege</i>	24
Duration of family bonds of Brent Geese <i>Branta bernicla</i> on the Pacific Coast of North America. <i>A. Reed</i>	33
Status of Pacific Black Brant <i>Branta bernicla nigricans</i> on Wrangel Island, Russian Federation. <i>D.H. Ward, D.V. Derksen, S.P. Kharitonov, M. Stishov & V.V. Baranyuk</i>	39
Current status and recent dynamics of the Black Brant <i>Branta bernicla</i> breeding population. <i>J.S. Sedinger, C.J. Lensink, D.H. Ward, R.M. Anthony, M.L. Wege & G.V. Byrd</i>	49
Pre-breeding behaviour affects condition, assessed by abdominal profile, and hence breeding success of Canada Geese <i>Branta canadensis</i> . <i>I.P. Johnson & R.M. Sibly</i>	60
The differences in behaviour and feeding success of tame Mallard ducklings <i>Anas platyrhynchos</i> in the presence of high and low fish populations at a gravel pit site, with reference to wild brood distribution. <i>V.E. Phillips & R.M. Wright</i>	69
Comparative morphometrics of <i>Anas</i> ducks, with particular reference to the Hawaiian Duck <i>Anas wyvilliana</i> , Laysan Duck <i>A. laysanensis</i> , and Eaton's Pintail <i>A. eatoni</i> . <i>B.C. Livezey</i>	75
Nesting habits of Hooded Mergansers <i>Mergus cucullatus</i> in northeastern Ontario. <i>M.L. Mallory, H.G. Lumsden & R.A. Walton</i>	101
Exploitation of others' vigilance by the Common Eider <i>Somateria mollissima</i> . <i>J.O. Bustnes</i>	108
The sex/age ratio, diving behaviour and habitat use of Goldeneye <i>Bucephala clangula</i> wintering in northeast Scotland. <i>K. Duncan & M. Marquiss</i>	111
Crop damage, autumn waterfowl populations and cereal grain harvests in the prairie provinces of western Canada. <i>R.G. Clark, H. Boyd & B. Poston</i>	121
Status of Palearctic wildfowl in Northeast and East Africa. <i>E.K. Urban</i>	133
Wildfowl at Risk, 1993. <i>D.A. Callaghan & A.J. Green</i>	149

Reaction of Lesser Snow Geese <i>Anser caerulescens</i> to early nest failure. <i>B. Ganter & F. Cooke</i>	170
Food throughput time in European Wigeon <i>Anas penelope</i> and other grazing waterfowl. <i>P.W. Mayhew & D.C. Houston</i>	174
The identification of Barrow's Goldeneye <i>Bucephala islandica</i> and Common Goldeneye <i>B. clangula americana</i> ducklings. <i>C.H. Nelson</i>	178
Methods of investigating the presence of ingested lead shot in waterfowl gizzards: an improved visual technique. <i>D.J. Pain & L. Eon</i>	184
Progress Reports	
Bewick's and Whooper Swans <i>Cygnus columbianus bewickii</i> and <i>C. cygnus</i> : the 1992-93 season. <i>J.M. Bowler, L. Butler & E.C. Rees</i>	191
Progress on bird ringing by The Wildfowl & Wetlands Trust during 1992. <i>C. Mitchell</i>	200
Wildfowl Counts in the UK, 1991-92. <i>P. Cranswick</i>	204
Progress in Aviculture by The Wildfowl & Wetlands Trust (WWT) during 1992. <i>T. Richardson & M. Brown</i>	211
Publications, 1992, by, or with the assistance of, Wildfowl & Wetlands Trust staff and facilities	214
Notice to contributors	216