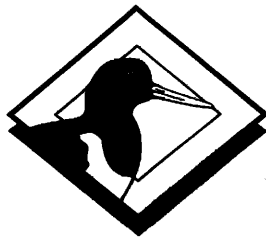
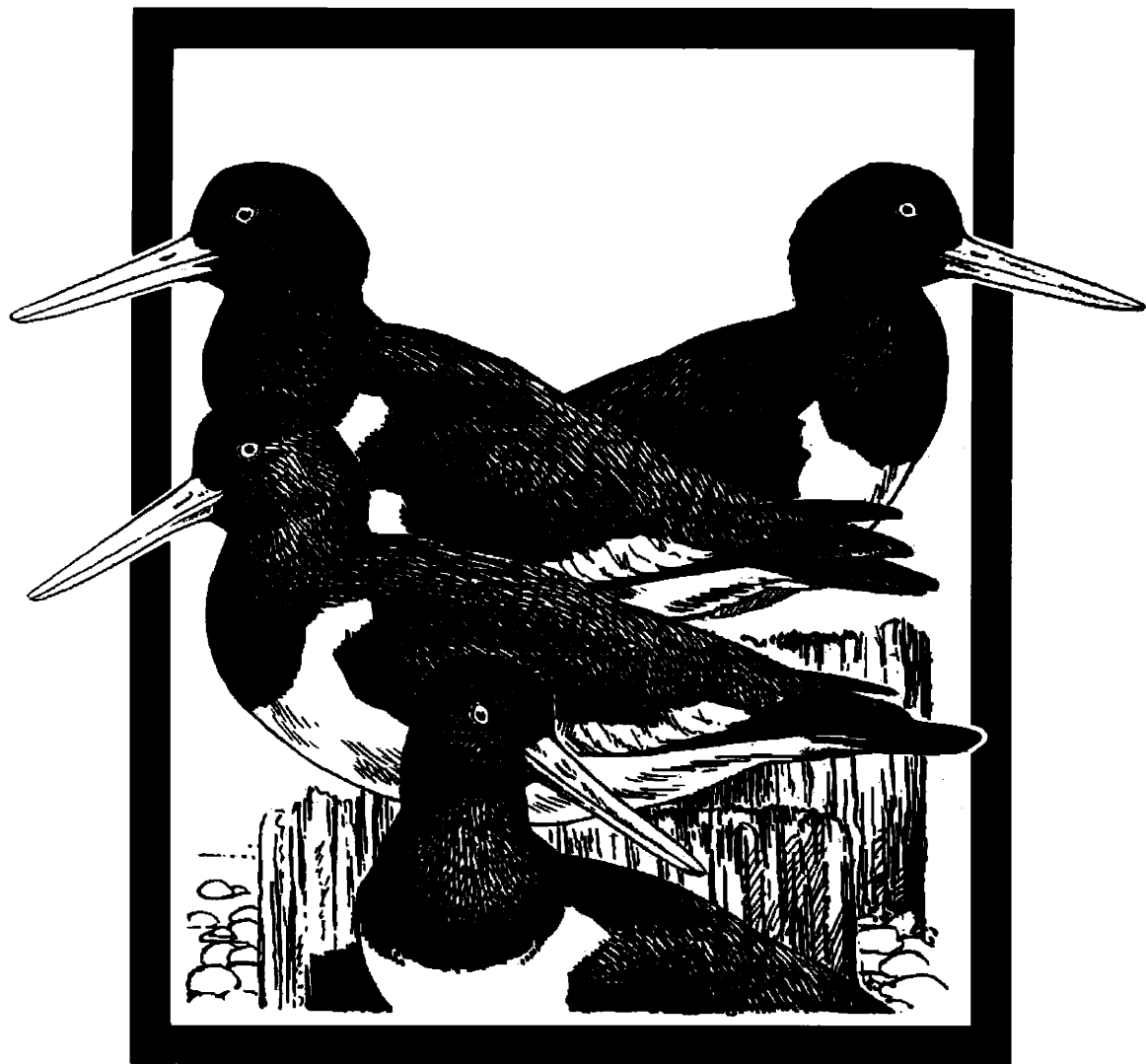


Wader Study Group **Bulletin**



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All applications for membership, initial subscriptions and renewals, changes of address, matters relating to the circulation of the Bulletin etc. should be sent to the Membership Secretary.

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Deadlines for notices and short-term items

1 January for the April issue
1 May for the August issue
1 September for the December issue

If correspondence between editor and author(s) is likely to be needed, material must be received well before these dates if material is to be included in the next issue.

Website of the International Wader Study Group

www.waderstudygroup.org

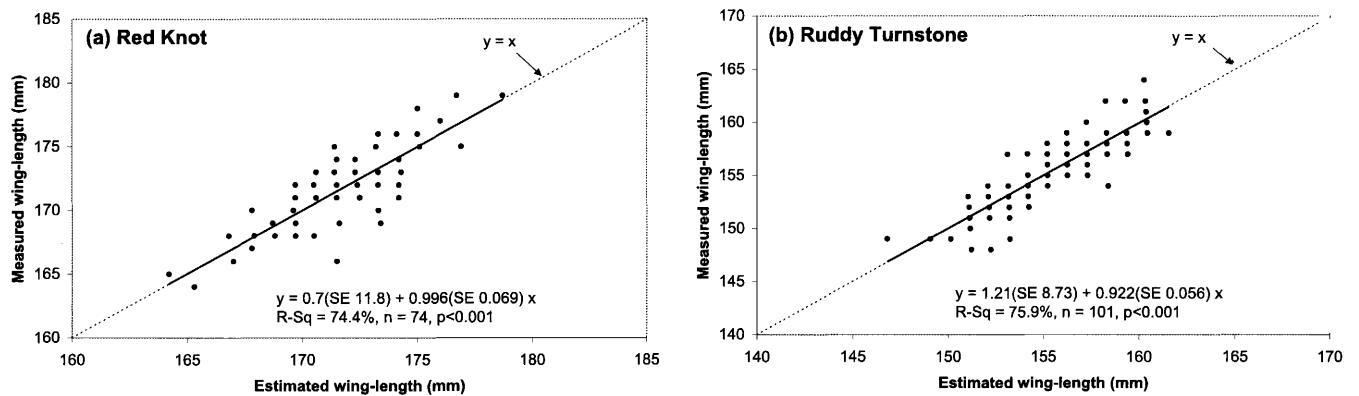


Fig. 2. Measured wing-length plotted against wing-length estimated using the method described in the text (and based on the length of each bird's 8th primary) for samples of (a) Red Knots and (b) Ruddy Turnstones.

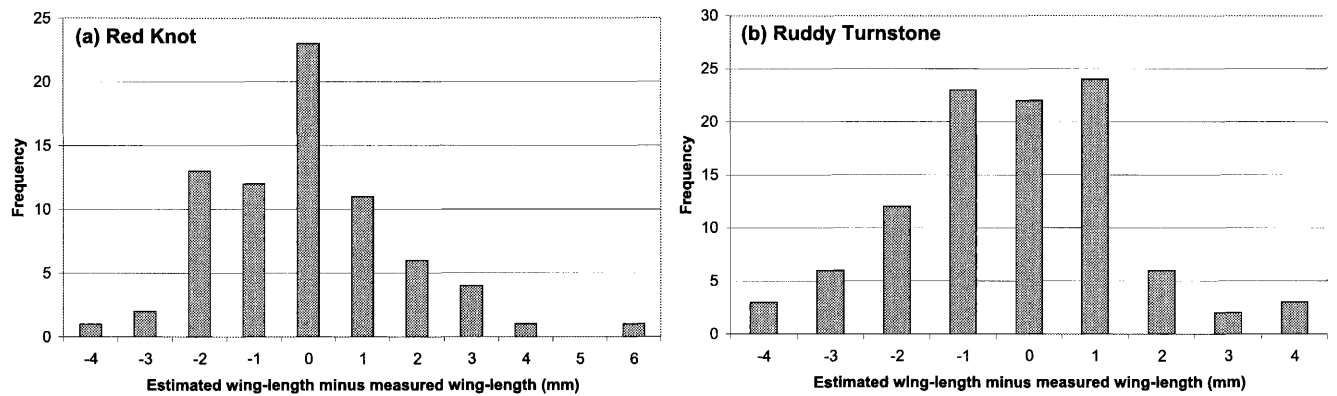


Fig. 3. Frequency distribution of the difference, estimated wing-length minus measured wing-length, for samples of (a) 74 Red Knots and (b) 101 Ruddy Turnstones (see text for methods of measurement and estimation).

Equation 1

$$\text{Mass} = -87.6(\text{SE } 67.2) + 1.49(\text{SE } 0.43) \times \text{Measured wing-length}$$

R-Sq = 10.6%, n = 101, p=0.001

Equation 2

$$\text{Mass} = -47.4(\text{SE } 78.7) + 1.23(\text{SE } 0.51) \times \text{Estimated wing-length}$$

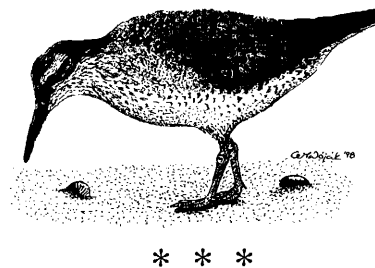
R-Sq = 5.6%, n = 101, p<0.05

It is likely that the ability to estimate wing-lengths from the length of the 8th primary will not be a complete solu-

tion. No doubt birds will be caught that are moulting the 8th and have a badly abraded wing-point. Instances like this may be so rare that such birds can be omitted from analysis. However, it might be worth having available a regression equation based on the 7th primary as an alternative.

I am most grateful to the Endangered and Nongame Species Program of the New Jersey Division of Fish and Wildlife, which organised the field studies during which the data were collected; particularly to Larry Niles and Mandy Dey. I also thank Dick Veitch who collated the measurements.

Piersma, T. & N.C. Davidson. 1991. Confusions of mass and size. *The Auk* 108: 441-444.
 Redfern, C.P.F. & J.A. Clark. 2001. *Ringers' Manual*. British Trust for Ornithology, Thetford.



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Line art: pp. 6 and 9 M. Dementiev; p. 15 E.A. Koblik and M. Dementiev; p. 19 A. Clarkson; p. 23 L. McMahon; p. 36 M. Dementiev; p. 43 E.A. Koblik; p. 45 S. MacLarty; p. 46 L. McMahon; p. 47 P.R. Meakin (both); p. 48 M. Dementiev; p. 52 C.M. Wojak. (Clarkson, MacLarty, McMahon and Meakin taken from Harrison, J.A. *et al.* 1997. *The atlas of southern African birds*, vol. 1: Non-passerines. BirdLife South Africa, Johannesburg. Reproduced by permission of the Avian Demography Unit, University of Cape Town.)

