TRANSACTIONS

OF THE

CUMBERLAND & WESTMORLAND ANTIQUARIAN & ARCHAEOLOGICAL SOCIETY

(FOUNDED 1866)

tcwaas_003_2006_vol6_0001

The Honorary Joint Editor of *Transactions*, Bruce C. Jones, M.A., F.S.A., who retired from office in 2006 having served in that post since 1983. (Photograph *c.*1975)

TRANSACTIONS

OF THE

CUMBERLAND & WESTMORLAND ANTIQUARIAN & ARCHAEOLOGICAL SOCIETY

(FOUNDED 1866)

THIRD SERIES

VOLUME VI

EDITOR

W. G. WISEMAN

PRINTED BY TITUS WILSON & SON, KENDAL

2006

tcwaas_003_2006_vol6_0001

Cumberland and Westmorland Antiquarian and Archaeological Society

LIST OF OFFICERS FOR THE YEAR 2006-2007

PATRONS

The Right Rev. The Lord Bishop of Carlisle
Miss M. E. Burkett, O.B.E.
Mr J. Cropper, F.C.A.

PRESIDENT

Professor D. C. A. Shotter, B.A., Ph.D., F.S.A., F.R.N.S.

PAST PRESIDENTS

1984/87 Professor Rosemary J. Cramp, C.B.E., M.A., B.Litt., F.S.A.
1987/90 James Cherry, B.Sc., F.S.A.
1990/93 Ronald W. Brunskill, O.B.E., M.A., Ph.D., F.S.A
1993/96 Miss Barbara Harbottle, M.A.
1996/99 John M. Todd, M.A., Ph.D., F.R.Hist.S.
1999/2002 Professor G. H. Martin, C.B.E., M.A., D.Phil., F.R.Hist.S.
2002/2005 Angus J. L. Winchester, B.A., Ph.D., F.S.A.

VICE-PRESIDENTS

Professor D. J. Breeze, B.A., Ph.D., F.S.A., F.S.A. Scot., F.R.S.E., F.R.S.A., M.I.F.A.
Professor K. J. Stringer, M.A., Ph.D., F.S.A., F.R.Hist.S.
Ms Rachel Newman, B.A., F.S.A.

MEMBERS OF COUNCIL

R. Hall (2003)	Mrs A. Harwood (2004)	Mrs J. Laskey (2005)
S. Arrowsmith (2003)	Dr R. Newman (2004)	Mr M. Brennand (2006)
Professor D. Dew-Hughes (2003)	Canon Dr D. Weston (2005)	Mr J. Lund (2006)
Dr R. David (2004)	Mr D. Uttley (2005)	Mrs M. McClintock (2006)

HON. TREASURER

K. Horsfield, D.Sc., Ph.D., M.D., M.B.Ch.B., F.R.C.P.
Great Cragg, Clifford Hall, Burton in Lonsdale, Carnforth, LA6 3LW

HON. EDITOR OF TRANSACTIONS

W. G. Wiseman, 33 Burton Road, Kendal LA9 7LJ

HON. GENERAL EDITOR

J. P. D. Ball, Heather Cottage, Kentmere Road, Staveley, Nr. Kendal, LA8 9JE

HON. NEWSLETTER EDITOR

Mrs M. Edwards, B.A., F.E.S.B., 138 St. Thomas's Road, Preston, PR1 6AY

HON. GENERAL SECRETARY

E. A. Jones, B.A., M.A., P.I.F.A., Brantbeck, Windy Hall Road,
Bowness-on-Windermere, LA23 3HX

HON. MEMBERSHIP SECRETARY

W. Shannon, 12a Carleton Avenue, Fulwood, Preston, PR2 6YA

HON. LIBRARIAN

I. D. Caruana, M.A., 10 Peter Street, Carlisle, CA3 8QP

INDEPENDENT EXAMINER

D. H. Fell, F.C.A., Ingalls Chartered Accountants, Kendal

COMMITTEES

RESEARCH COMMITTEE

Chairman: Professor D. J. Breeze

Secretary: Mrs. J. Laskey, 'Glanoventa', Camp Side, Maryport CA15 6NX

J. Borron
I. D. Caruana
C. A. Ellwood
J. Hodgson
P. Messenger
Miss R. M. Newman
Dr J. M. Todd
Dr J. Turnbull
J. Weaver
Dr D. Weston

President, Treasurer, Secretary (ex-officio)

EDITORIAL COMMITTEE

Chairman: Dr R. G. David

Secretary: Dr J. Turnbull, C.N.W.R.S., Fylde College, Lancaster University, Lancaster, LA1 4YF

J. P. D. Ball
M. Brennand
I. D. Caruana
Mrs M. Edwards
R. Hall
Professor K. J. Stringer
Dr J. Todd
D. Uttley
W. G. Wiseman

President, Treasurer, Secretary (ex-officio)

COMMITTEE FOR INDUSTRIAL ARCHAEOLOGY

Chairman: Dr R. Newman

Secretary: G. Brooks, 'Coomara', Carleton, Carlisle, CA4 0BU

W. Allison
G. Biddle
M. Davies-Shiel
Professor D. Dew-Hughes
M. Faulkner
F. Giecco
J. Helme
Mrs A. C. Hillman
J. Hodgson
Miss L. J. Hopkins
I. Miller

ACTIVITIES COMMITTEE

Chairman: Dr T. C. B. Cook

Secretary: R. S. Matthews, Holly Howe, Penruddock, Penrith, CA11 0RS

C. Blackett-Ord
M. Blackett-Ord
Professor D. Dew-Hughes
Mrs A. Harwood

President, Treasurer, Secretary (ex-officio)

CARLISLE AFFILIATED REGIONAL GROUP

Chairman: Mrs S. I. Dench

Joint Secretary: Mr D. and Mrs M. Basden, 29 Punton Road, Carlisle, CA3 9BB

PENRITH AFFILIATED REGIONAL GROUP

Chairman: Mr J. Smith

Secretary: Mrs C. Bretherton, 'The Beeches', Brougham, Penrith, CA10 2DF

KENDAL AFFILIATED REGIONAL GROUP

Chairman: Dr J. Turnbull

Secretary: D. W. Longmire, 'Greyhound House', Sedbergh Road, Kendal, LA9 6PF

SOUTH-WEST AFFILIATED REGIONAL GROUP

Chairman: Mrs M. Cook

Secretary: L. Watson, 'Glen May', Holmeside, Irton, Holmrook CA19 1YQ

(Membership of the Council is defined in Rules 4 and 5 of the revised Rules 1997)

FELLOWS

J. D. Marshall, B.Sc.(Econ.), Ph.D., F.R.Hist.S. (2000)
R. L. Bellhouse, B.Sc., F.S.A (2002)
R. Hall, M.A. (2002)
B. C. Jones, M.A., F.S.A. (2002)

ABBREVIATIONS

The following abbreviations are employed:

AA1-5	*Archaeologia Aeliana*, first-fifth series (Society of Antiquaries of Newcastle upon Tyne).
BNFC	Barrow Naturalists' Field Club.
CRO (B),(C),(K),(W)	Cumbria Record Office, Barrow, Carlisle, Kendal and Whitehaven respectively.
CW1, 2, 3	These *Transactions*, Old, New and Third Series.
D. & G. Trans.	*Transactions* of the Dumfriesshire & Galloway Natural History & Antiquarian Society.
Hutchinson	W. Hutchinson, *History of Cumberland* (1794).
Nicolson & Burn, N. & B.	Nicolson & Burn, *History of Westmorland and Cumberland* (1777).
PSAL, PSAN, PSAScot	*Proceedings* of the Society of Antiquaries of London, Newcastle upon Tyne and Scotland respectively.
RCHM *Westmorland*	Royal Commission on Historical Monuments, England, *An Inventory of the Historical Monuments in Westmorland* (1936).
VCH *Cumberland*	Victoria County History, Cumberland i (1902), and ii (1905).
Whellan	W. Whellan, *History of Cumberland and Westmorland* (1860).

The papers and notes in *Transactions* are refereed.

The Council of the CUMBERLAND AND WESTMORLAND ANTIQUARIAN AND ARCHAEOLOGICAL SOCIETY and the Editors of their *Transactions* desire that it should be understood that they are not responsible for any statements or opinions expressed in these *Transactions*, the authors of the several papers being alone responsible for the same.

ANTIQUARIAN CORRESPONDENCE

Enquiries may be directed to the Secretaries of the various Committees, whose addresses are given above.

Orders for all Society Publications should be sent to I. CARUANA, 10 Peter Street, Carlisle CA3 8QP.

Society website address: http://www.cwaas.org.uk

ISSN 0309-7986