



Editor: Mrs Hazel McGee

Papers Secretary: Nick James

The *Journal* is published six times per year, in February, April, June, August, October & December.

Library subscription (UK and surface mail overseas): £42.00. To purchase single copies or individual articles please see www.britastro.org/journal.

The Association is not responsible for individual opinions expressed in articles, letters, reviews or reports of any kind. Material published in the *Journal* does not necessarily express the views of the Council.

Contributions

Papers should be sent by e-mail (preferred) or by post (**three** copies) to the Papers Secretary at the address shown inside the back cover of each issue. They will be refereed, and, if approved by Council, published as soon as reasonably possible. Those wishing to speak at a meeting should contact the Meetings Secretary.

All other contributions should be sent to the Editor. As well as *Letters to the Editor*, she will be pleased to receive contributions to *Observers' Forum*, particularly interesting astronomical photographs and images. Colour as well as black and white photos are welcomed. Photos and media will be returned only if a suitable stamped addressed envelope is enclosed.

Advertisements

Small advertisements should be sent to the Office, accompanied by the appropriate remittance. (See conditions printed on page 63).

Display advertisements and loose inserts: For a rate card and further information, contact Sheridan Williams, Tel. 01525 237370. Fax 08700 522352. E-mail: baa@clock-tower.com

Deadline

All material, including short letters and notes, must be received by the Editor by the following dates:

Issue	Date
2008 April	February 15
2008 June	April 15

Later dates apply, by arrangement, to electronic advertising copy for which space has been reserved.

Membership of the BAA

The annual subscription for ordinary membership of the Association for the 2007–2008 Session is £40.50. For details of concessionary rates, and other membership information, see page 42 of this issue. Subscriptions are due on 1st August each year. Members who pay income tax are encouraged to complete a Gift Aid certificate in order to benefit the Association, which is a registered educational charity. The annual subscription to BAA *Circulars* is £4.

Published by:

**The British Astronomical Association,
Burlington House, Piccadilly, London W1J 0DU
Tel: 020-7734 4145**

World Wide Web home pages:

BAA: <http://www.britastro.org/>

Journal: <http://www.britastro.org/journal/>

Journal © British Astronomical Association 2008. Individual articles, illustrations etc. remain the copyright of the author or photographer, whose permission must be obtained before reproduction.

ISSN 0007-0297



Contents

Refereed papers

The accelerating circulation of Jupiter's Great Red Spot

John H. Rogers 14

Edward Walter Maunder FRAS (1851–1928): his life and times

Anthony J. Kinder 21

Index to volume 117

facing 32

Notes and News

3

Comet 17P/Holmes surprises us all

Jonathan Shanklin

From the President

Roger Pickard

Solar Section

Lyn Smith

Recent BAA studies of Mercury

Richard McKim

Progress of Jupiter's global upheaval

John H. Rogers

Skybeams and 'light art' defined as 'advertising' for planning purposes

Martin Morgan-Taylor

Another Good Lighting Award presented

Bob Mizon

The 2008 Deep Sky Section meeting

Stewart L. Moore

Observers' Forum

43

A spectacular pairing in Ursa Major

Stewart L. Moore

Comet 17/P Holmes in 2007 D. Arditti, M.P. Mobberley, C.L. Calia, J.C. Vetterlein

A circumzenithal arc

Nick James

Letters

45

Comet Holmes in 1892

Michael J. Hendrie

Seeing objects during total eclipses

R. F. Tindall

Slides of historical subjects and portraits wanted

Anthony Kinder

Global warming on Earth and Mars

John Turley; Richard McKim

The solar eclipse of 2008 August 1

Peter Macdonald

Meetings

BAA Out of London Weekend, Glasgow, 2007 August 31

to September 2

Tom Clackson 11

Announcement: The BAA visits Dublin in 2008 September

Special General Meeting & Ordinary Meeting, 2007 March 28

Dominic Ford 47

Reviews

51

Patrick Moore on the Moon (Moore)

Ron Johnson

Towards Mars! Extra (Pellinen & Raudsepp)

Richard McKim

The Herschel 400 Observing Guide (O'Meara)

Lee Macdonald

BAA Update

53

Meeting of the Deep Sky Section, 2007 March 3

Dominic Ford

Obituary: Donald Fletcher Hedley Robinson, 1935–2007

Andrew H. Robinson

Erratum: The total solar eclipse of 2008 August 1 (S. Williams)

60

Sky notes for 2008 February & March

Neil Bone 59

Membership information

42

Meetings diary

61

Officers and Council

62

Notices & small advertisements

63

On the cover

Galaxy images by members of the Deep Sky Section. See Stewart Moore's article on page 43.

Top: M81 imaged from Wales by Bob Winter. Takahashi 102 refractor and SXVH9 CCD camera. 20min L + 6 min each RGB.

Bottom: M82 by Gordon Rogers from Long Crendon, Bucks. 16 inch RCOS and ST10ME CCD camera with AO7.

