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): £44.00. 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, drawings and images. Colour images are especially 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. Members' small advertisements are FREE and may be sent directly to the Editor by e-mail.

Display advertisements and loose inserts: For a rate card and further information, contact Mrs Ann Davies 11 Sedgefield Rd., Greenham, Newbury, Berks. RG14 7TZ, Tel. 01635-30598, E-mail anndavies@dsl. pipex.com.

Deadline

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

2011 April 29 2011 June 25 2011 June 2011 August 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 2010–2011 Session is £44.00. For details of concessionary rates, and other membership information, see page 121 of this issue. Subscriptions are due on 1st August each year. Members who pay UK 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 posted BAA Circulars is £5 (UK).

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 2011. Individual articles, illustrations etc. remain the copyright of the author or photographer, whose permission must be obtained before reproduction.

ISSN 0007-0297

Printed by the Magazine Printing Co., Enfield, EN3 7NT

2011 April

Vol. 121 No. 2

Paul Hyde

117

73

Contents

The 2010 Presidential Address

Pro-am collaboration in astronomy - past, present and future David Boyd

Refereed papers

An abundance of SIDs

Making visual lunar and planetary observations at the Lowell Observatory Paul G. Abel 91 The orbital and superhump periods of the deeply eclipsing dwarf nova SDSS J150240.98+333423.9 Jeremy Shears et al. 96 The speed of the lunar shadow on Earth during solar eclipses Wilhelm H. C. Carton 105

67

Notes and News From the President David Boyd Aurora Section Ken Kennedy Uranus & Neptune: an interim report on the 2010 apparition Mike Foulkes Solar Section Lyn Smith A second interim report of the 2010/2011 Saturn apparition Mike Foulkes

BAA Update 108

Obituary: Elmer J. Reese, 1919–2010 John H. Rogers & Reta F. Beebe Obituary: Valerie Ann White, 1952-2010 Sheridan Williams Meeting of the Historical Section, 2010 November 27 Lee Macdonald

Reviews 113

Asteroids and dwarf planets and how to observe them (Dymock) Edward Bowell Cosmic Challenge: The ultimate observing list for amateurs (*Harrington*) Callum Potter

Observers' Forum 114 The Owl Nebula – M97 Stewart L. Moore

A useful DSLR camera modification Jack Martin 115 Meetings

Exhibition Meeting and Ordinary Meeting, 2010 June 26

Hazel McGee & Hazel Collett

The BAA Awards & Medals, 2010 The Walter Goodacre Medal & Gift: Eric Strach The Steavenson Award: Monty Leventhal

119 Letters Cmdr Henry Hatfield Jeremy Shears

Five spiders in a Newtonian R. A. Marriott Sky notes for 2011 April & May Callum Potter 120

Membership information 121 Meetings diary & small advertisements 122 Officers and Council 123

Cover image

NGC 2239, the Rosette Nebula in Monoceros. Mapped colour, 200 min Hα (r), 150 min S11 (g) & 90 min Hβ (b). ST10 on Takahashi FSQ, steered by ST8 on 406mm RCOS with adaptive optics. Gordon Rogers, 2011 March 4-8.



J. Br. Astron. Assoc. 121, 2, 2011