

**THE ASTRONOMICAL REGISTER: A MEDIUM OF
COMMUNICATION FOR AMATEUR
OBSERVERS, AND ALL OTHERS INTERESTED IN
THE SCIENCE OF ASTRONOMY, VOL. I, NOS. 1
TO 12: JANUARY TO DECEMBER, 1863; ON THE
METHOD OF OBSERVING VARIABLE STARS**

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**ROYAL ASTRONOMICAL SOCIETY &
GEORGE KNOTT & JOSEPH BAXENDELL**

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THE ASTRONOMICAL REGISTER.

RULES FOR CORRESPONDENTS.

1.—Communications for insertion in the *Astronomical Register* must be sent in by the 15th of the month. Articles received later cannot be inserted, unless containing notices of fresh discoveries, or otherwise of immediate interest.

2.—Each communication must be authenticated by name and address: although not for publication unless desired by the writer.

3.—The Editor is not responsible for any opinions expressed by correspondents: and cannot undertake in all cases to print the whole of any communication sent: neither can he undertake to preserve or return any MSS.

4.—It very much lessens the trouble of printing if communications are written on one side of the paper only; and it need scarcely be added, that legible hand-writing tends in a great degree to prevent errors, which with every care are liable to occur in printing scientific matter.

5.—As, owing to the numerous letters received, it is not in our power to furnish our correspondents with Proofs, it is very desirable that they should read over and correct their communications before sending them: when this is carefully done, there is every reason to expect that the MS. will be correctly rendered in print.

6.—Illustrations.—As a general rule, it is not within the means of a publication like the *Astronomical Register*, the circulation of which is limited, to give illustrations to letters received from correspondents, on account of the expense thereby incurred: those therefore who desire the introduction of wood-cuts, can either supply the blocks themselves, or the Editor will get them cut at cost price. The sketch must be made of a size suitable for insertion in the Register, and so far complete as to be ready to hand to the engraver, in order to avoid the delay and trouble caused when the design has to be redrawn.—Lithographic illustrations can be introduced upon similar conditions.—Notice of illustrations being required must be given early in the month.

7.—Communications not of general interest.—As it frequently happens that subscribers wish to write at length upon subjects which, owing to various circumstances, may not be deemed of general interest to the readers of the Register, such subscribers may have their letters inserted in the pamphlet form, or otherwise, so as to obtain the advantage of the circulation of the periodical. The expense will be about ten shillings for two pages, fourteen shillings for three pages, and for four pages and upwards at the rate of four shillings per page, but no communication of this character can be inserted singly, unless of two or more pages. Shorter letters will be postponed until sufficient are received to make four pages, of which the charge will be apportioned among the writers. N.B.—A page contains from four to five hundred words.

8.—Reprints, or Extra Copies.—Correspondents who require separate copies of their communications can have them at a charge of 7s. 6d. for 50 copies, if not exceeding four pages, or 12s. up to eight pages; or they can be supplied with extra copies of the Register at a reduction of 25 per cent, when more than three copies are required.—Notice must in all cases be given with the communication, when reprints are required.

THE ASTRONOMICAL REGISTER.

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The Astronomical Register.

A Medium of Communication for all interested in the Science:

CONDUCTED BY FELLOWS OF THE ROYAL ASTRONOMICAL SOCIETY.

It is believed that up to the present time no periodical has in this country been exclusively devoted to Astronomy, with the exception of the "Monthly Notices" published by the Royal Astronomical Society. The present attempt to introduce a sort of Astronomical "Notes and Queries," a medium of communication between amateurs and others, has therefore been originated, its object being to collect together any information which may be of use either to the amateur or professional observer.

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With notices of the papers presented at the Meetings, and short reports of the discussions, &c.:

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On all subjects of astronomical interest, from the leading observers of the day, both professional and private:

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Lists of Double Stars, Clusters, Nebulae, &c.,

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articles for insertion and all other communications are to be addressed.

[OVER]

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A Medium of Communication for Amateurs and others.

CONTENTS OF THE FIRST TWO NUMBERS FOR 1865:

No. 25. JANUARY.

TO OUR READERS—*Professor Phillips'* paper on the Sun—Meeting of the Royal Astronomical Society, Dec. 9, 1864 (*Discussion on the Solar Spots, Willow Leaves, and Constitution of the Sun*)—Reviews: *The Astronomical Observer*; *Le Ciel—CERESFORDSBERG*: On the Dates preferred by Fireballs; *Mr. A. S. Herchel*: On the Sun's Surface; *Rev. W. R. Dawes*: The Sun's Diameter; *Sir Thos. Maclear* and the *Rev. F. Howlett*—The Vast Antiquity of the Lunar Surface; *Mr Nasmyth*—On Variable Stars; *Mr G. F. Chambers*—also on the Light of the Sun—Adjustable v. adjustable—the Moon's Rotation, &c.—NOTES AND GLEANINGS: New Catalogue of Nebulae—Solar Physics—Comet—the New Minor Planets—*Mr Cooke's* Great Object Glass—Award of the Royal Society's Medal to *Mr De La Rue*.—Astronomical Occurrences for January—Table of Nebulae—The Planets for the month—Obituary: *F. W. Struve*; *Professor Silliman*—Correspondents' Queries and Replies—Instruments for Sale or Wanted, &c.

No. 26. FEBRUARY.

The British Association: *Dr Lee* and *Mr Birt* on the Moon's surface—The Hartwell Observatory—Meeting of the Royal Astronomical Society, Jan. 13, 1865 (*Mr Stone* on a new form of eye-piece, and on the semi-diameter of Venus; *Mr Huggins* on the occultation of the spectrum of Epsilon Piscium; *Major Tennant* on the errors of Sextants)—CORRESPONDENCE: *Hind's* crimson star; *Mr Chambers*—The Planet Uranus; *Mr Siskias*—Observations at South Villa; *Rev. W. R. Dawes* The Solar Disc; *Rev. T. W. Webb*—The Sun's Diameter; *Mr Hickson*—Trapezium in Orion; *Mr Freeman*—Rotation of Satellites; *Mr Banks*—also on the Moon's Atmosphere—Visibility of stars from coal-mines, &c.—NOTES AND GLEANINGS: *Bremiker's* Logarithms—Celestial Chemistry, by *Mr Burr*—Planetary Distances—*Encke's* Comet—*Lave* Fireball—Variable Stars, *Mr Bessel* and *Mr Knott*.—Correspondents' Queries and Replies—The Planets for February—Astronomical Occurrences for the Month—Instruments for Sale—Notices to Correspondents, &c.

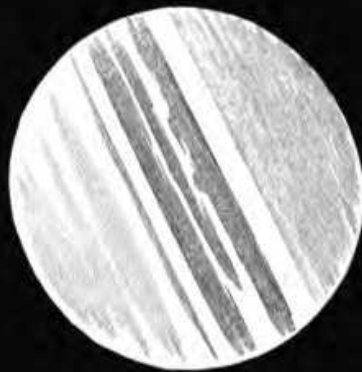
With Illustrations on Wood and Stone.

"The *Astronomical Register* is a new monthly scientific periodical which we heartily recommend to our readers. It is well worth the cost, and deserves additional support from its being the first periodical devoted to astronomy that has ever, we believe, appeared in this country. It contains many matters of interest to the amateur; but the most novel and not the least useful feature is, a daily table of important coming events, like in principle but far superior in practice to those which appear in almanacs. It is also a journal of news, properly so called, narrating new discoveries and events in a form and style not to be met elsewhere. Certainly no amateur astronomer's library-table ought to be without this work."—*English Churchman*, Feb. 26.

"Under the title of the '*Astronomical Register*' a new monthly has recently appeared, which we trust will in time become a worthy English representative of the German *Astronomische Nachrichten*. It really is a very useful adjunct to the '*Nautical Almanac*,' and should, for this reason alone—and others might be named—commend itself to all who have telescopes and use them."—*Reader*, March 7.

"The year 1863 has amongst other events witnessed the successful starting of what is, as far as we have been able to ascertain, the first purely astronomical periodical ever issued in England. The *Astronomical Register* occupies a field hitherto a wide waste, and deserves to find a place on every astronomer's table."—*Quarterly Journal of Science*, Jan. 1864.

JUPITER.



S. Gortin, del.

Observed at Downs Road, Clapton, March 21st, 1863 : 1 1/2h. 30m. a.m.T.

Brantton, sc.

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