

sultants, and the pulsations seen in many auroræ may be real luminosities.

It is hazardous, in the present ill-arranged state of auroral observation, to offer so rude a sketch of a new hypothesis, although we may suffer a considerable defeat in very good company.

Since the previous note was written, I find that M. Morlet has published a theory of the auroral arch (*Ann. de Ch.*, t. xxvii., 3^{me} Série). The ideas above were stated by me two years ago, to different persons.

The following Donations to the Library were announced :

- Transactions of the Royal Scottish Society of Arts. Vol. III., Part 4. 8vo.—*By the Society.*
- Journal of the Asiatic Society of Bengal. Edited by the Secretaries. N. S. No. 32. 8vo.—*By the Society.*
- Annali di Fisica dell' Abbate Francesco Car. Zantedeschi. Fascicolo 4. 8vo.—*By the Author.*
- Quarterly Journal of the Chemical Society. No. 9. 8vo.—*By the Society.*
- Scheikundige Onderzoekingen gedaan in het Laboratorium der Utrechtsche Hoogeschool. 5^{de} Deel. 6th Stuk. 8vo.—*By the University.*
- Bulletin de la Société de Géographie. 3^{me} Série. Tom. 12^{me}. 1849. 8vo.—*By the Society.*

ERRATUM,

Vol. II., No. 33, page 205, line 12 from bottom,

For " These data are (1.)," &c., read " These data are (1.), The known expansion of water in freezing ; (2.), The known quantity of heat which becomes latent in the melting of ice ; and (3.), The quantity of work given out," &c.