XXXIII. On the discovery of iodine and bromine in certain salt springs and mineral waters in England

Charles Daubeny M.D.

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gious care the original telescopes of Galileo : the original reflecting telescope of Newton is carefully lodged in the British Museum ; yet the first achromatic telescope, which displays far more ingenuity and deeper philosophical research than either, has not hitherto been deemed worthy of notice or preservation by any scientific society in the country in which the discovery was made.—Your's, &c. R. B.

P.S. The notices respecting the discovery of achromatic telescopes in the *Annuaire* are given as under :

“ Hall construit une lunette achromatique..... 1750
Dollond publie la decouverte des lunettes achromatiques 1758.”

It should appear, however, from the note above quoted, that Mr. Hall's discovery was made about the year 1733.

XXXIII. *On the Discovery of Iodine and Bromine in certain Salt Springs and Mineral Waters in England.* By CHARLES DAUBENY, M.D. Professor of Chemistry in the University of Oxford.

To the Editors of the Philosophical Magazine and Annals.

DR. DAUBENY, professor of Chemistry at Oxford, will feel obliged to the editors of the *Philosophical Magazine and Annals*, to announce among the other scientific notices in the next Number of their periodical, the discovery which he has made of iodine and bromine in several salt springs and mineral waters of this country.

He has obtained the *latter* principle in a separate state from one of the Cheshire brine springs, and has fully satisfied himself of the existence of the *former* in two or three ; but as he has not yet had time to ascertain the proportions in which they occur, must content himself, for the present, with this simple announcement of the fact.

He has found iodine not only in more than one of the Cheshire salt springs, but likewise in several waters containing purgative salts, such as those of Cheltenham, Leamington, Gloucester, and Tewkesbury ; whilst bromine is of still more frequent occurrence, and is perhaps entirely absent from none of the English springs which contain much common salt, except that of Droitwich in Worcestershire, although the proportion in which it exists seems to vary considerably.

Oxford, August 3, 1829.

P.S. The discovery in question was first announced at a meeting of a scientific society in this place on Friday, May 1.