HENRY GELLIBRAND. *A Discourse Mathematical on the Variation of the Magnetical Needle.* London, 1635; Berlin, 1897.

This interesting and elegant reprint, in facsimile, forms Number 9 of the valuable series¹ of reprints of books and charts that have been epoch-making in the domains of meteorology and terrestrial magnetism, published under the editorship of Professor Hellmann, and with the co-operation of the German Meteorological Society.

This work, the original of which is very scarce, contains, as well known, the first indisputable proof of the secular variation of the magnetic declination. The reprint has been prepared from the copy in possession of Mr. Latimer Clark, F. R. S. Magneticians owe a debt of gratitude to Professor Hellmann, and the German Meteorological Society for bringing this work within the reach of every one, the price being but three marks.

L. A. BAUER.

¹ *Neudrucke von Schriften und Karten über Meteorologie und Erdmagnetismus.* Herausgegeben von Professor Dr. G. Hellmann. Berlin, A. Ascher & Co.

RECENT PUBLICATIONS¹

ARENDT, T. Beziehungen der elektrischen Erscheinungen unserer Atmosphäre zum Erdmagnetismus. Reprinted from "Das Wetter," 1896, Nov. and Dec. Pp. 28.

BATAVIA. Observations made at the Magnetical and Meteorological Observatory during the year 1895. Vol. XVIII; Batavia, 1896; 26 x 36 cm. [Contains the customary observations and results for 1895.]

BIGELOW, F. H. Storms, Storm Tracks, and Weather Forecasting. U. S. Weather Bureau, No. 114. Washington, 1897. 87 pp. and 20 illustrations.

BOLLER, W. Das Südlicht. Erste Abhandlung. Beiträge zur Geophysik, Bd. III, Heft 1.

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ELSTER, J., und GEITEL, H. Zusammenstellung der Ergebnisse neuerer Arbeiten über atmosphärische Elektrizität. Wissenschaftliche Beilage zum Jahresbericht des Herzoglichen Gymnasiums zu Wolfenbüttel. 1897. Progr. No. 726. Wolfenbüttel, 1897. Pp. 24.

FOLGHERAITER, G. I punti distinti delle roccie magnetiche e le fulminazioni. Nota: Frammenti concernenti la Geofisica dei pressi di Roma. N. 5. Roma, 1896. 19 x 27 cm. Pp. 14.

FORTSCHRITTE DER PHYSIK IM JAHRE 1895. Dargestellt von der Physik. Ges. zu Berlin. 51. Jahrg. III. Kosmische Physik. Red. von R. Assmann, Braunschweig, 1896. 8°, LIII. Pp. 686.

¹ Not as yet otherwise noticed in the JOURNAL. As the conventional sizes of publications vary so considerably, it has been decided to give the actual outside dimensions; viz., the breadth and length, the former being given first.