But its potentialities are not realised. Those of us who are most anxious for the spread of the application of mathematics and physics to the phenomena of astronomy, meteorology, and geophysics have thought that this opportunity could not properly be utilized by crowding together all the papers that deal with such subjects into one day, or possibly two days, so that they can be polished off with the rapidity of an oriental execution. In fact, the opportunity to be polished off is precisely not the opportunity that is wanted. There are some of us who think that a British Association week is not too long for the consideration of the subjects of which a year's abstracts occupy a volume of six hundred pages, and that, if we could extend the opportunity for the consideration of these questions from one or two days to a week, and let those members who are interested form a separate committee to develop and extend these subjects, the British Association, the country, and science would all gain thereby. I venture from this place, in the name of the advancement of science, to make an appeal for the favourable consideration of this suggestion. It is not based upon the depreciation, but upon the highest appreciation of the service which mathematics and physics have rendered, and can still render, to the observational sciences, and upon the well-tried principle that close family ties are strengthened, and not weakened, by making allowance for natural development.

The plea seems to me so natural, and the alternatives so detrimental to the advancement of science in this country, that I can not believe the Association will turn to it a deaf ear.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Librarian.

The following have been selected from among the titles of books recently received, as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies. Most of them can be lent for a limited time to officials and employees who make application for them. Anonymous publications are indicated by a ——.

Borghese, Gaetano.
Meteorologia e climatologia di Novara di Sicilia. Messina. 1907. 61 p. 8°.

Buitenzorg (Java). Botanical institute.
Observations météorologiques. Année 1907. [Buitenzorg. 1908.] 12 p. f°.

Curityba. Observatorio meteorologico.
Historico sobre os meteorographos Theorell em serviço nas estações meteorologicas de repartição geral dos telegraphos. Curityba. 1908. 10 p. 8°. 6 sheets. 33 x 40 cm.

Denmark. Danske meteorologiske Institut.
Meteorologisk Aarbog. 1907. Kjobenhavn. 1908. 144 p. f°.

Finland. Finska vetenskaps-societetens meteorologiska centralanstalt.
Observations météorologiques. Helsingfors. 1908. 126 p. f°.

Fischli, Fritz.
Das Verhalten der meteorologischen Elemente und Erscheinungen in der Vertikalen. Bern. 1908. 129 p. 8°.

Krebs, Wilhelm.
Umschwung der Niederschlagverhältnisse zwischen 1902 und 1908, mit besonderer Berücksichtigung Mitteleuropas. (Sonderabdruck aus der Zeitschrift für Gewässerkunde. 9 Bd. 1 H. p. 64–81.)

Luyken, K.
... Die absoluten erdmagnetischen Beobachtungen der Kerguelen-Station. Berlin. 1908. p. 77–187. f°. (Deutsche südpolar-expedition 1901–1903. VI. Erdmagnetismus II.)

Mizusawa. International latitude observatory.
Annual report. 1907. 1908. 37 p. f°.

Möller, Max.
Zur Theorie der Bewegungsvorgänge. Leipzig. 1907. vii, 86 p. 9°. (Sonderabdruck aus der Zeitschrift "Die Turbine," Organ der Turbinentechnischen Gesellschaft E. V. Jahrgang 1907.)
Wetter-Berather. Anleitung zum Verständniss und zur Vorherbestimmung der Witterung. Hamburg. 1886. 30 p. 8°.
Witterungs-Kalender. Theil 2–3. Erläuterungen. Braunschweig. [1899?] 104 p. 8°.

Mohn, H[enrik].
Daemringen in Norge. Christiania. 1908. 76 p. 4°. (Videnskabs-Selskabets Skrifter. 1. Mathematisk.-Naturv. Klasse. 1908. No. 5.)

Montessus de Ballore, [Fernand de].
Efectos del terremoto del 18 de abril de 1906... Santiago de Chile. 1907. 34 p. 8°.
Los progresos de la sismolojía moderna. Santiago de Chile. 1907. 20 p. 8°.
Travaux séismologiques du Comte de Montessus de Ballore. n. p. n. d. 4 p. 8°.

Mylius, Ernst.
Volks-Wetterkunde. Witterungstypen und Witterungs-Katechismus für Nord- und Mitteldeutschland. Berlin. 1908. 40 p. 8°.

National antarctic expedition. 1901–1904.
Meteorology. Part 1. Observations at winter quarters and on sledge journeys, with discussion by various authors. London. 1908. xiv, 548 p. f°.
Physical observations, with discussion by various authors. London. 1908. v, 192 p. f°.

[Naturforschender Verein in Brünn.]
Ergebnisse der phaenologischen Beobachtungen aus Mähren und Schlesien... 1905. Brünn. 1907. 16 p. 8°.

Petermanns Mitteilungen.
Inhaltsverzeichnis... 1895–1904. Gotha. 1907. iv, 160 p. 4°.

Royal society of London.
Catalogue of scientific papers 1800–1900. Subject index. v. 1. Pure mathematics. Cambridge. 1908. lviii, 666 p. 4°.
International catalogue of scientific literature. 6th annual issue. F. Meteorology. London. 1908. viii, 257 p. 8°.

Rummler, —.
Ueber die Messung der Windestärke. (33. Städtische Oberrealschule Freiburg, Schl. 33 Jahresbericht. Freiburg, Schl. 1907. p. 1–20. 4°.)

Société ouralienne d'amateurs des sciences naturelles.
Bulletin. Tome 27. Ekatherinbourg. 1908. xix, 122, lviii p. 8°.

Tacubaya. Observatorio astronomico nacional.
Annuario. 1909. Mexico. 1908. 610 p. 12°.

Wall, W. J.
The hyge-donor humidifyer. Montreal. [1907?] 8 p. 24°.

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Librarian.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers or other communications bearing on meteorology or cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled; it shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau. Unsigned articles are indicated by a ——

American geographical society. Bulletin. New York. v. 40. Dec., 1908.
—— The forest region of Mount Kenia. p. 745–746. [Includes notes on climate.]
W[ard], R[obert] DeC[ourcy]. Plague and climate. p. 750–751.

California physical geography club. Bulletin. Berkeley. v. 2. Dec., 1908.
Moore, Edward. A cloudburst in the high Sierra. p. 24–27.

Conservation. Washington. v. 14. Dec., 1908.
McGee, W J Bearing of the proposed Appalachian forest on navigation. p. 661–663.

Electrical News. New York. v. 53. Jan. 2, 1909.
Potamian, —. Divisch, a lightning-rod pioneer, 1754. p. 30–33.
—— Effect of the recent drought upon water-power plants. p. 33–35.

Engineering news. New York. v. 60.
Snow, J. P. Forests and stream flow. (Dec. 3, 1908.) p. 619.
Winslow, A. A method for determining the number of dust particles in air. (Dec. 31, 1908.) p. 748.

Mount Weather observatory. Bulletin. Washington. v. 1. pt. 4.
Kimball, H[erbert] H[arvey]. Pyrheliometer and polarimeter observations. p. 207–231.

School science and mathematics. Chicago. v. 9. Jan., 1909.
Jefferson, Mark. Some remarks about the meteorology to be taught in a high-school course in physiography. p. 41–44.

Science. New York. v. 29. Jan., 1909.
Reid, Harry Fielding. Mr. Manson's theory of geological climates. p. 27–29.

Scientific American supplement. New York. v. 47. Jan. 9, 1909.
—— An electric barometer. p. 19.